

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016863.D
 Acq On : 30 Aug 2023 09:14
 Operator : MA/JU
 Sample : 04159-03MSD
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHI9MSD

Quant Time: Aug 31 00:47:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	477950	20.000	ng/u1	0.00
20) Naphthalene-d8	10.852	136	2031027	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.681	164	1226977	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2568182	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1745728	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1662190	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	56917	4.922	ng/uL	0.00
4) Pyridine-d5	3.817	84	453080	12.821	ng/u1	0.00
7) Phenol-d5	7.164	99	303995	7.153	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	979167	36.149	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	890869	27.880	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	578909	16.686	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	617507	40.211	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	642748	39.708	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	1100329	36.462	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	1583143	34.209	ng/u1	0.00
46) Dimethylphthalate-d6	14.093	166	3985177	43.069	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	4276193	40.880	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	129543	6.773	ng/u1	0.00
60) Fluorene-d10	15.675	176	3312205	42.507	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	634585	41.492	ng/u1	0.00
73) Anthracene-d10	17.551	188	5128938	45.055	ng/u1	0.00
81) Pyrene-d10	19.781	212	5313949	55.424	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	3866930	46.444	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	69155	5.491	ng/uL	98
5) Pyridine	3.834	79	474708	13.040	ng/u1	99
6) Benzaldehyde	7.181	77	979925	42.163	ng/u1	99
8) Phenol	7.193	94	331953	7.463	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.458	93	1302372	36.276	ng/u1	99
12) 2-Chlorophenol	7.575	128	927987	28.412	ng/u1	99
13) 2-Methylphenol	8.463	108	696004	20.861	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1030959	19.686	ng/u1	99
16) Acetophenone	8.875	105	1988112	36.956	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.846	70	1066929	37.634	ng/u1	100
18) 4-Methylphenol	8.799	108	645417	17.765	ng/u1	98
19) Hexachloroethane	9.093	117	437796	32.215	ng/u1	98
22) Nitrobenzene	9.269	77	1534980	38.962	ng/u1	98
23) Isophorone	9.787	82	3049805	39.858	ng/u1	99
25) 2-Nitrophenol	9.969	139	692264	38.678	ng/u1	99
26) 2,4-Dimethylphenol	10.010	107	1191630	33.125	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.269	93	1804165	38.219	ng/u1	99
29) 2,4-Dichlorophenol	10.493	162	1106757	36.511	ng/u1	98
30) Naphthalene	10.910	128	8521737	80.997	ng/u1	99
32) 4-Chloroaniline	11.040	127	1524278	33.516	ng/u1	99
33) Hexachlorobutadiene	11.134	225	632744	33.887	ng/u1	99
34) Caprolactam	11.881	113	63023	5.638	ng/u1	98
35) 4-Chloro-3-methylphenol	12.128	107	1158485	34.080	ng/u1	100
36) 2-Methylnaphthalene	12.504	142	2787245	38.381	ng/u1	99

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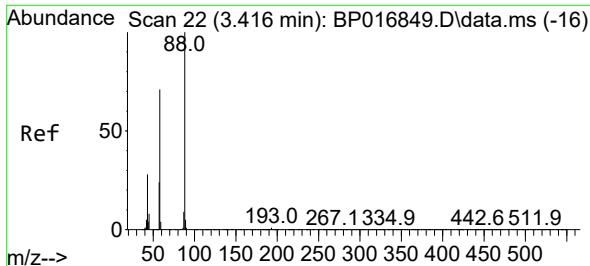
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.728	142	2911946	39.763	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.852	216	1386504	39.648	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	555280	21.592	ng/ul	99
41) 2,4,6-Trichlorophenol	13.104	196	1007994	43.164	ng/ul	99
42) 2,4,5-Trichlorophenol	13.175	196	1091556	43.196	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	3793476	41.583	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	2960548	41.110	ng/ul	99
45) 2-Nitroaniline	13.793	65	1003244	45.935	ng/ul	97
47) Dimethylphthalate	14.140	163	4053846	43.259	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	874342	47.615	ng/ul	96
50) Acenaphthylene	14.410	152	4841616	40.439	ng/ul	99
51) 3-Nitroaniline	14.622	138	819217	42.844	ng/ul	100
52) Acenaphthene	14.746	153	6894359	87.043	ng/ul	100
53) 2,4-Dinitrophenol	14.822	184	415923	31.171	ng/ul#	77
55) 4-Nitrophenol	14.904	109	105068	7.274	ng/ul	97
56) Dibenzofuran	15.081	168	4776387	43.949	ng/ul	98
57) 2,4-Dinitrotoluene	15.063	165	1224669	45.311	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.293	232	950351	44.175	ng/ul	100
59) Diethylphthalate	15.493	149	4154382	43.638	ng/ul	99
61) Fluorene	15.734	166	5291706	58.212	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	1931123	43.268	ng/ul	98
63) 4-Nitroaniline	15.793	138	806818	44.344	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.816	198	654979	39.722	ng/ul#	97
67) N-Nitrosodiphenylamine	15.945	169	3364267	47.363	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	1162498	47.213	ng/ul	96
69) Hexachlorobenzene	16.704	284	1264262	45.858	ng/ul	94
70) Atrazine	16.904	200	1169952	43.689	ng/ul	98
71) Pentachlorophenol	17.069	266	794757	38.835	ng/ul	99
72) Phenanthrene	17.492	178	6098412	45.106	ng/ul	99
74) Anthracene	17.587	178	6127718	44.823	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	140935	4.098	ng/uL	98
76) Pentachlorobenzene	14.975	250	1480028	48.161	ng/uL	99
77) Carbazole	17.869	167	9063294	73.612	ng/ul	98
78) Di-n-butylphthalate	18.375	149	7292754	47.476	ng/ul	100
80) Fluoranthene	19.451	202	6677544	57.977	ng/ul	99
82) Pyrene	19.810	202	6611597	55.573	ng/ul	99
83) Butylbenzylphthalate	20.669	149	2993197	58.337	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.463	252	1346176	36.077	ng/ul	98
85) Benzo(a)anthracene	21.528	228	5579134	46.397	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	4218905	56.314	ng/ul	99
87) Chrysene	21.586	228	5112205	46.803	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	6262752	50.032	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	4978163	46.901	ng/ul	99
91) Benzo(k)fluoranthene	23.369	252	4842320	46.129	ng/ul	100
93) Benzo(a)pyrene	23.998	252	4350517	45.314	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.851	276	5614368	57.227	ng/ul	100
95) Dibenzo(a,h)anthracene	26.874	278	4604718	56.510	ng/ul	99
96) Benzo(g,h,i)perylene	27.704	276	4466333	60.048	ng/ul	99

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

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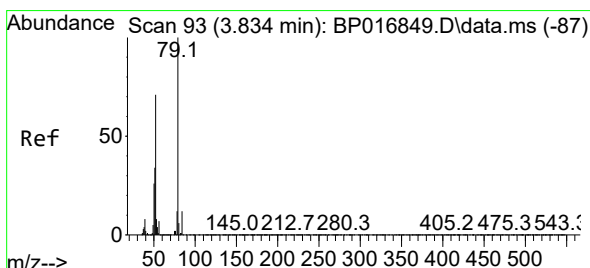
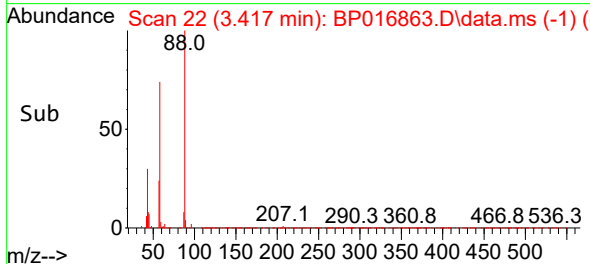
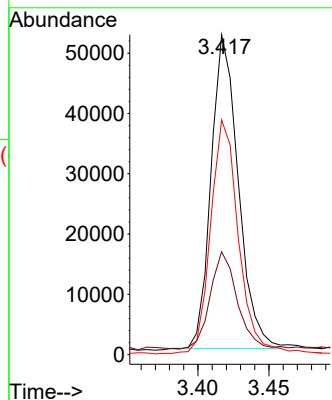
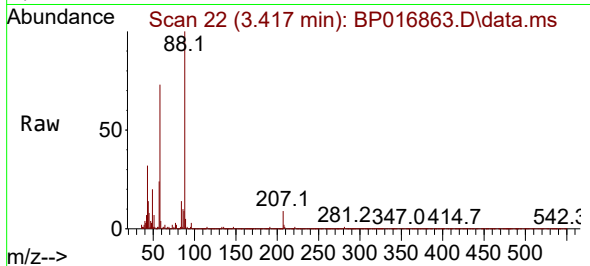




#2
1,4-Dioxane
Concen: 5.491 ng/uL
RT: 3.417 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016863.D
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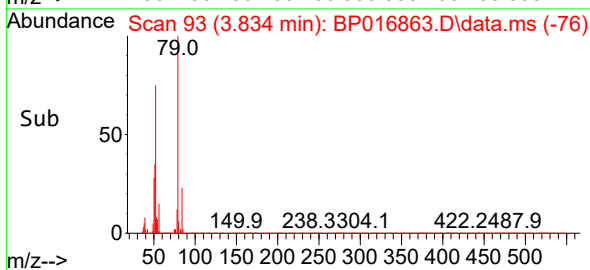
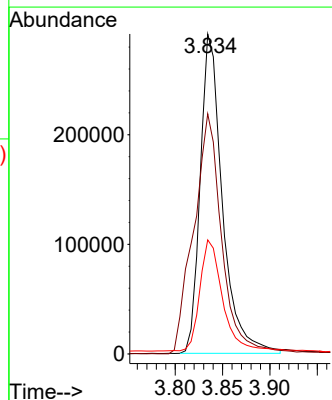
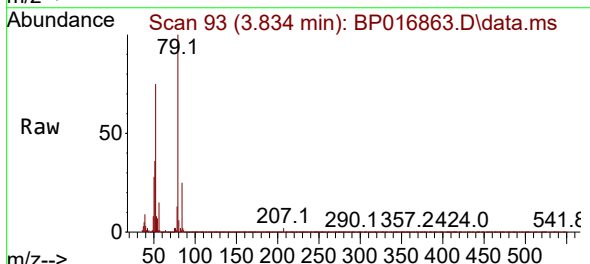
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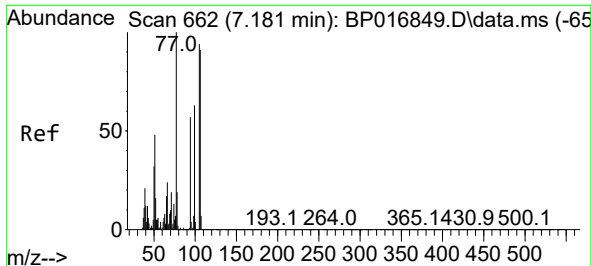
Tgt Ion: 88 Resp: 69155
Ion Ratio Lower Upper
88 100
43 32.2 24.0 36.0
58 73.4 59.8 89.8



#5
Pyridine
Concen: 13.040 ng/uL
RT: 3.834 min Scan# 93
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion: 79 Resp: 474708
Ion Ratio Lower Upper
79 100
52 75.1 59.6 89.4
51 35.7 28.2 42.2

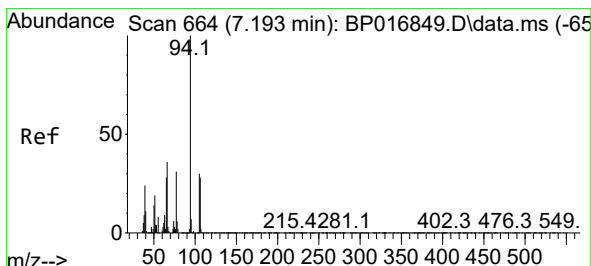
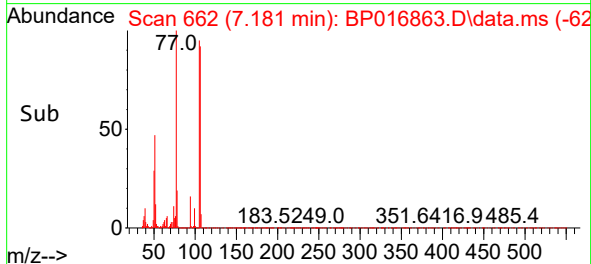
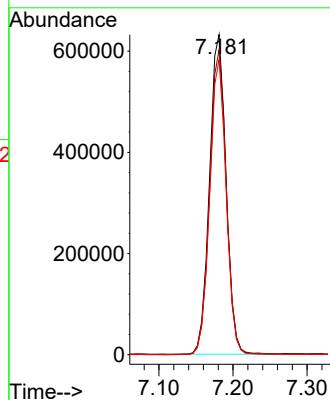
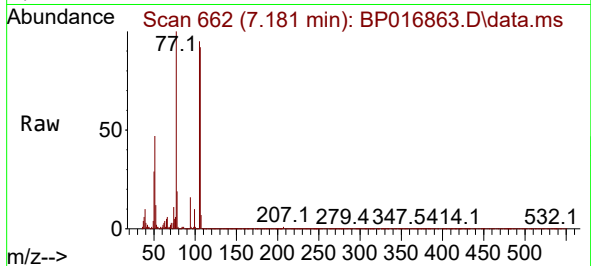




#6
Benzaldehyde
Concen: 42.163 ng/ul
RT: 7.181 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

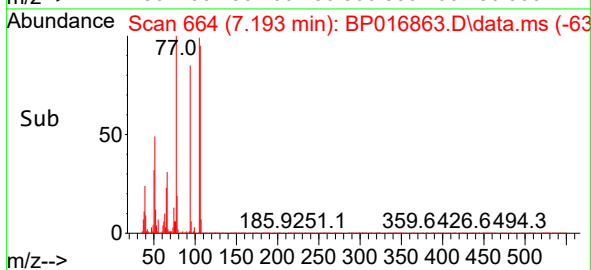
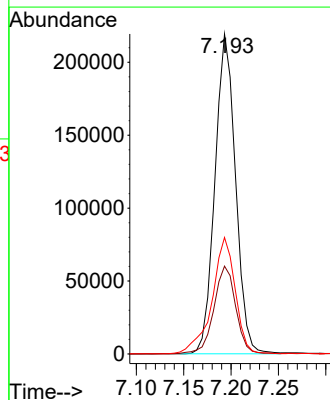
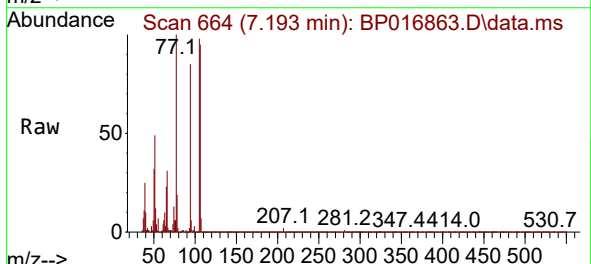
Instrument :
BNA_P
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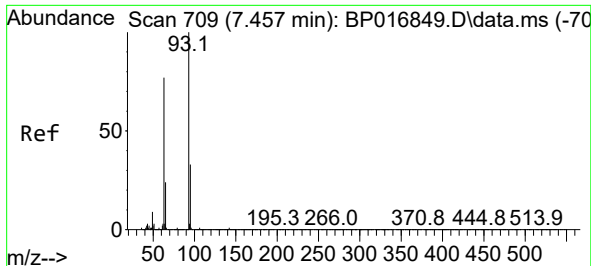
Tgt Ion: 77 Resp: 979925
Ion Ratio Lower Upper
77 100
105 95.3 75.4 113.2
106 92.2 73.1 109.7



#8
Phenol
Concen: 7.463 ng/ul
RT: 7.193 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion: 94 Resp: 331953
Ion Ratio Lower Upper
94 100
65 27.4 22.4 33.6
66 36.4 28.6 42.8

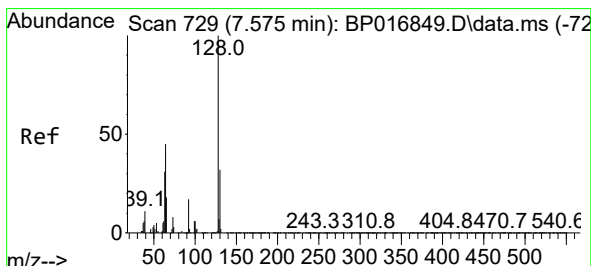
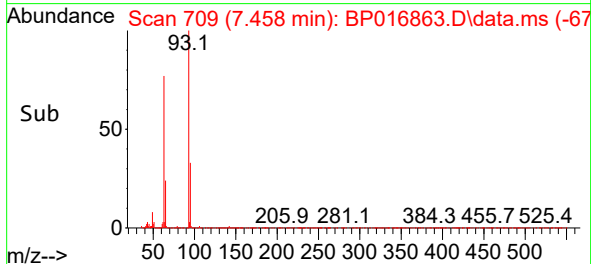
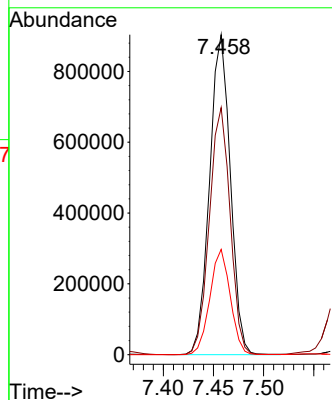
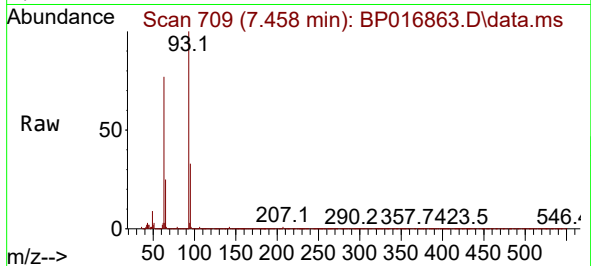




#10
Bis(2-Chloroethyl)ether
Concen: 36.276 ng/ul
RT: 7.458 min Scan# 709
Delta R.T. 0.000 min
Lab File: BP016863.D
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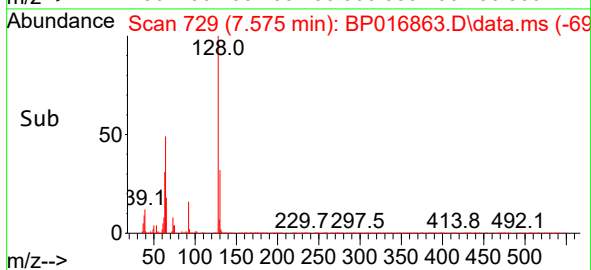
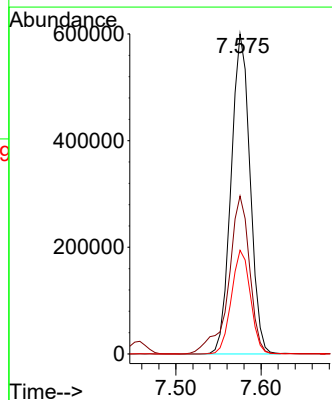
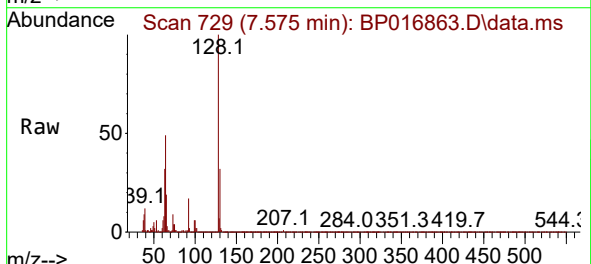
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ClientSampleId :
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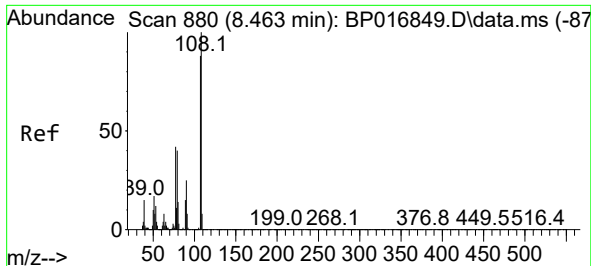
Tgt Ion: 93 Resp: 1302372
Ion Ratio Lower Upper
93 100
63 77.2 62.9 94.3
95 32.9 26.3 39.5



#12
2-Chlorophenol
Concen: 28.412 ng/ul
RT: 7.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:128 Resp: 927987
Ion Ratio Lower Upper
128 100
64 49.3 40.0 60.0
130 32.4 26.4 39.6





#13

2-Methylphenol

Concen: 20.861 ng/ul

RT: 8.463 min Scan# 880

Delta R.T. 0.000 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

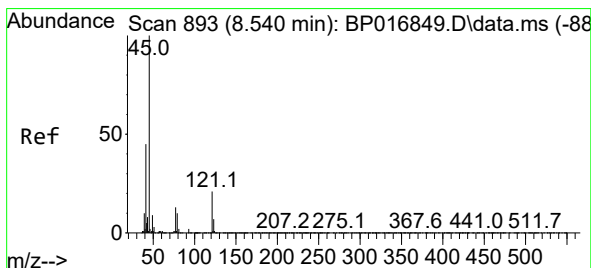
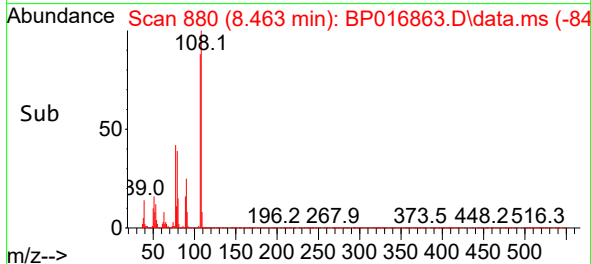
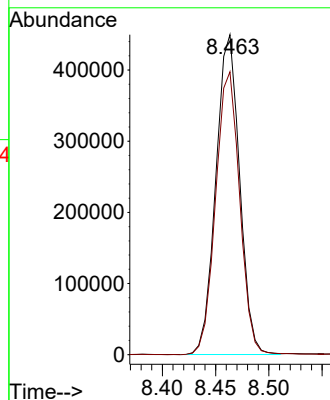
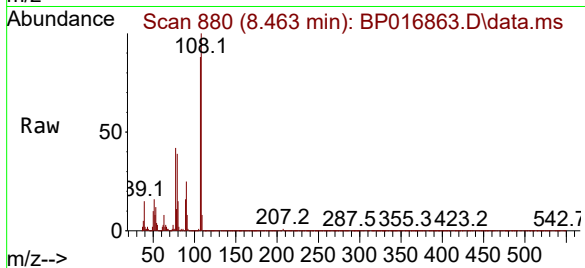
DCHI9MSD

Tgt Ion:108 Resp: 696004

Ion Ratio Lower Upper

108 100

107 88.4 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.686 ng/ul

RT: 8.540 min Scan# 893

Delta R.T. 0.000 min

Lab File: BP016863.D

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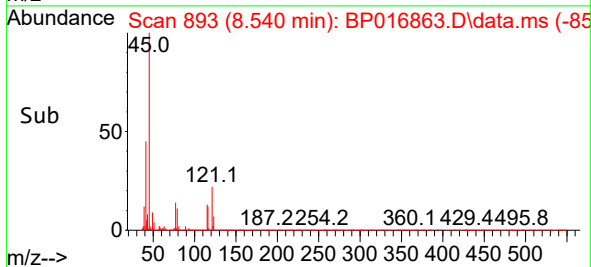
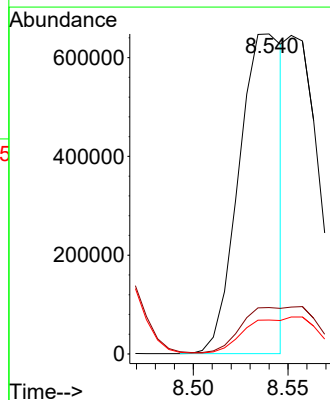
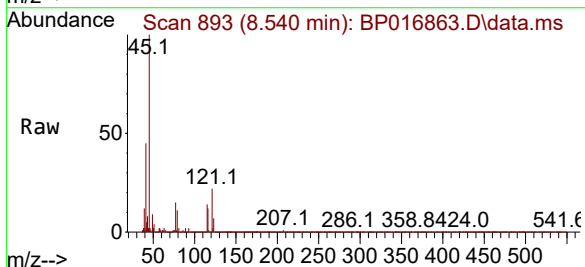
Tgt Ion: 45 Resp: 1030959

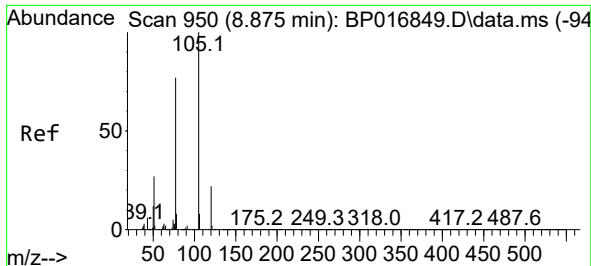
Ion Ratio Lower Upper

45 100

77 14.5 11.1 16.7

79 10.6 8.2 12.4

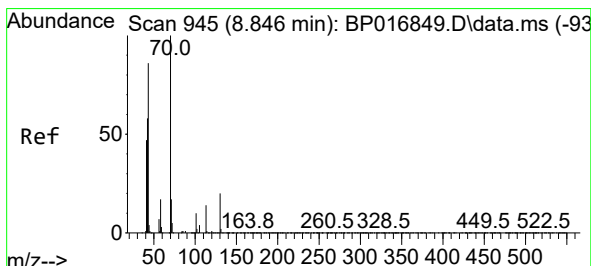
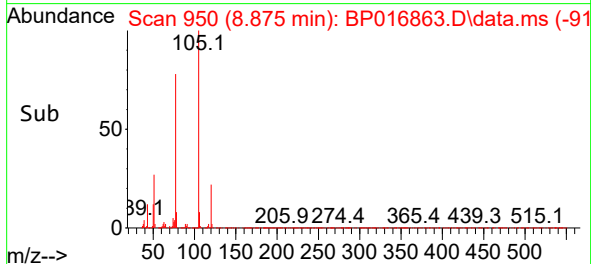
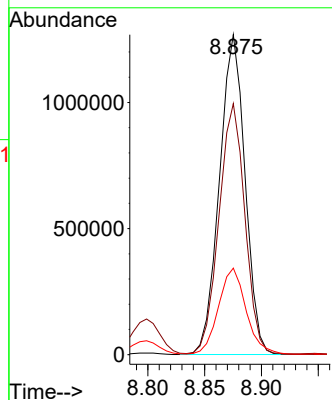
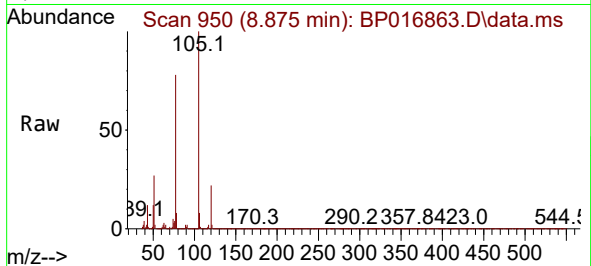




#16
Acetophenone
Concen: 36.956 ng/ul
RT: 8.875 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP016863.D
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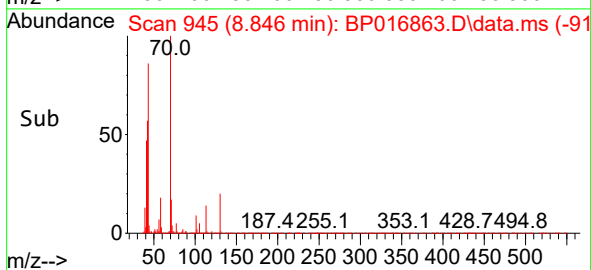
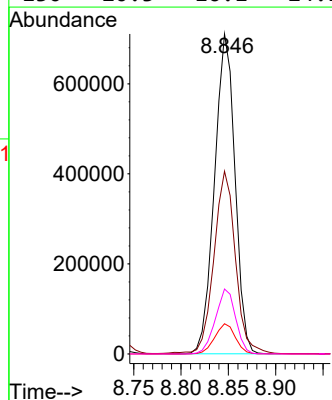
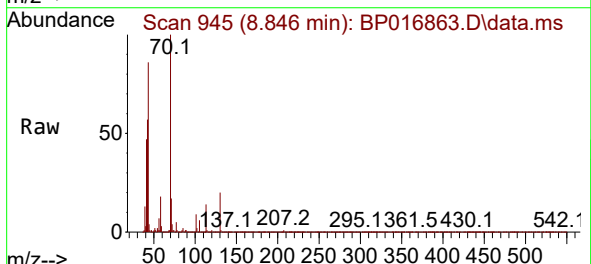
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

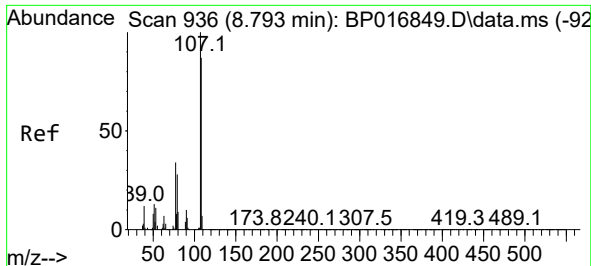
Tgt Ion:105 Resp: 1988112
Ion Ratio Lower Upper
105 100
77 78.4 64.2 96.4
51 27.1 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 37.634 ng/ul
RT: 8.846 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion: 70 Resp: 1066929
Ion Ratio Lower Upper
70 100
42 57.1 46.0 69.0
101 9.5 7.6 11.4
130 20.3 16.1 24.1

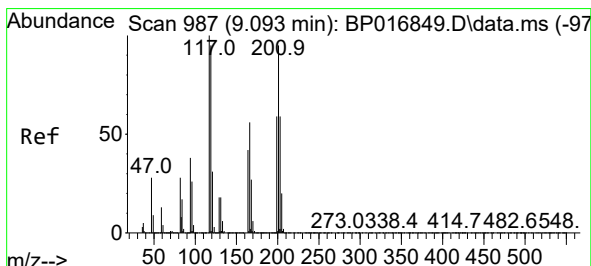
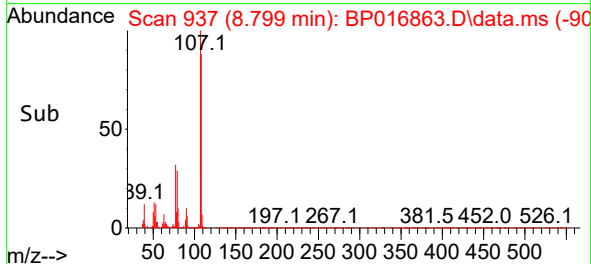
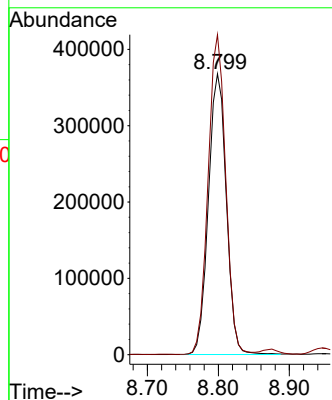
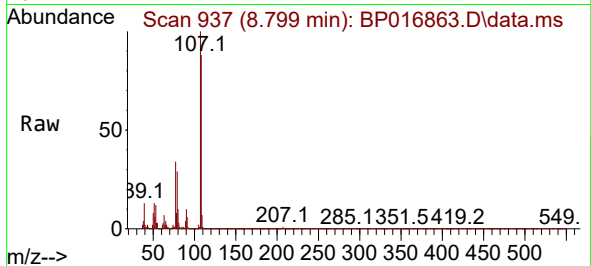




#18
4-Methylphenol
Concen: 17.765 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

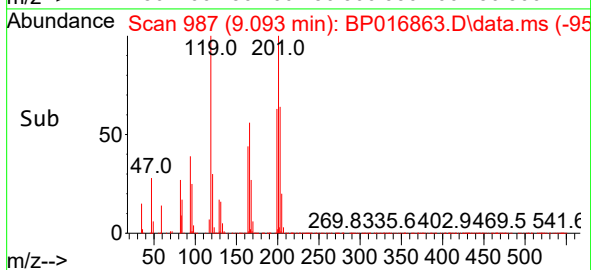
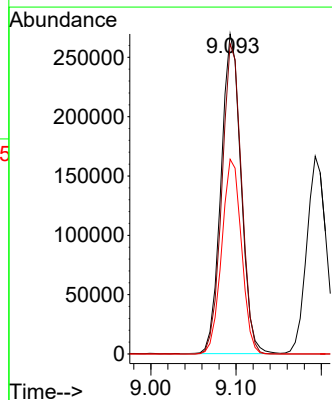
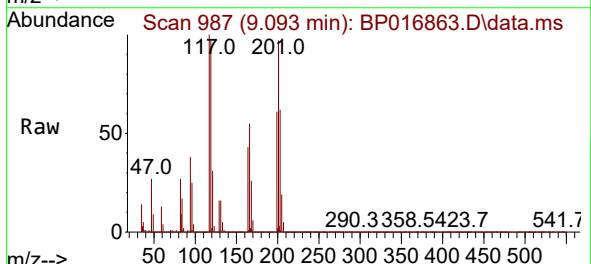
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

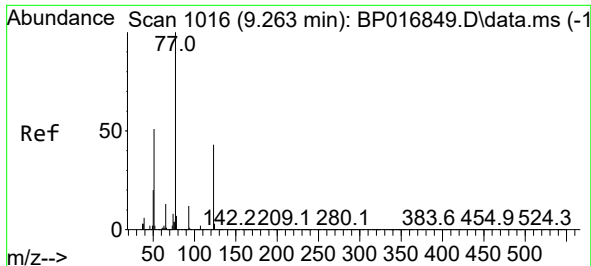
Tgt Ion:108 Resp: 645417
Ion Ratio Lower Upper
108 100
107 114.0 89.8 134.6



#19
Hexachloroethane
Concen: 32.215 ng/ul
RT: 9.093 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:117 Resp: 437796
Ion Ratio Lower Upper
117 100
201 97.0 75.4 113.2
199 60.8 47.8 71.6

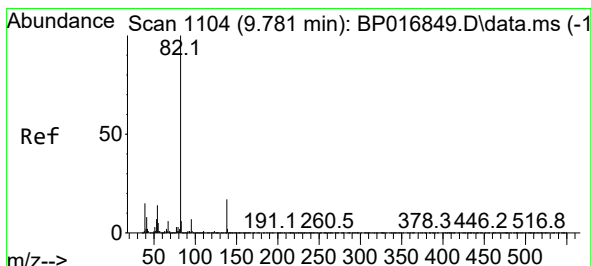
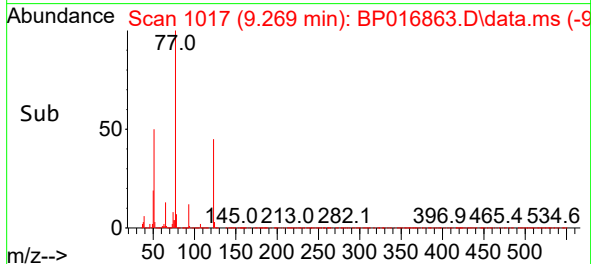
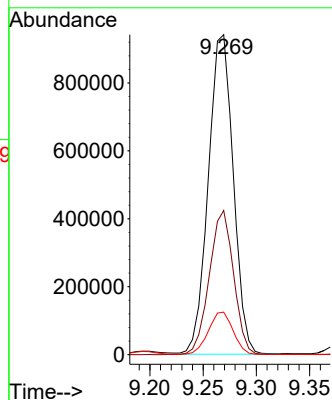
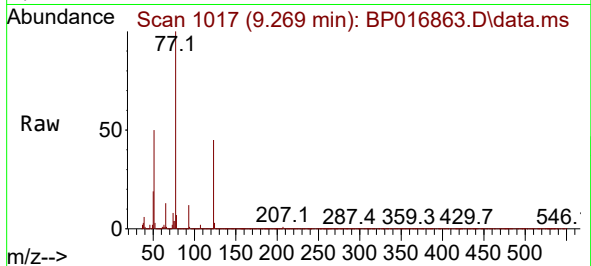




#22
Nitrobenzene
Concen: 38.962 ng/ul
RT: 9.269 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

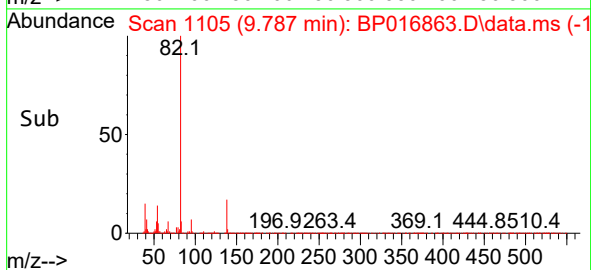
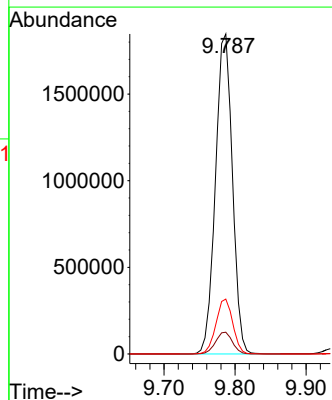
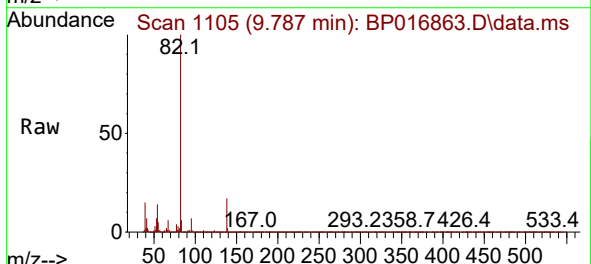
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

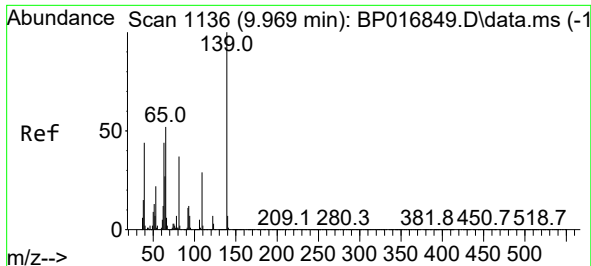
Tgt Ion: 77 Resp: 1534980
Ion Ratio Lower Upper
77 100
123 45.0 34.9 52.3
65 13.3 10.6 15.8



#23
Isophorone
Concen: 39.858 ng/ul
RT: 9.787 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion: 82 Resp: 3049805
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.2 13.5 20.3

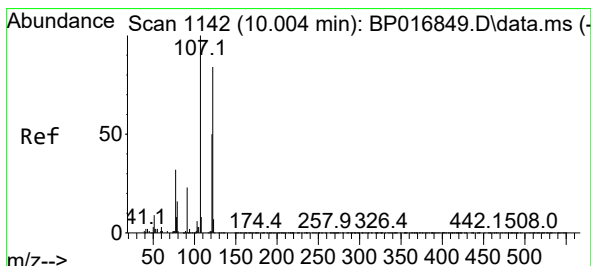
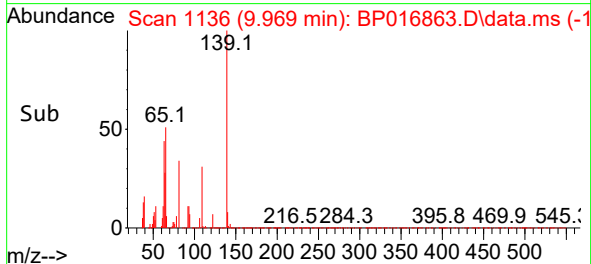
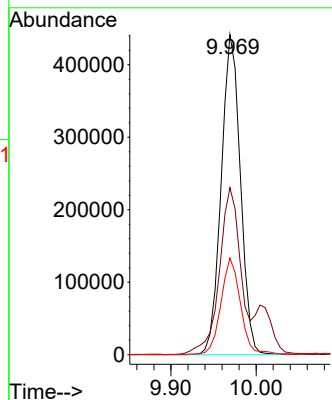
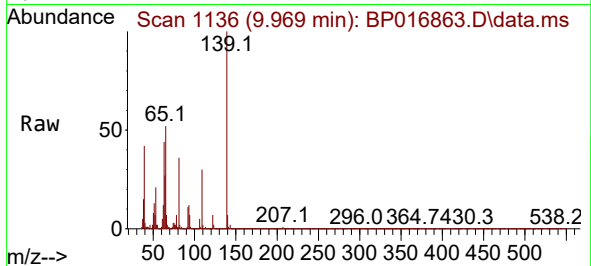




#25
2-Nitrophenol
Concen: 38.678 ng/ul
RT: 9.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

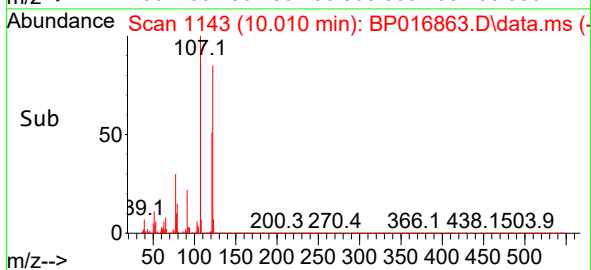
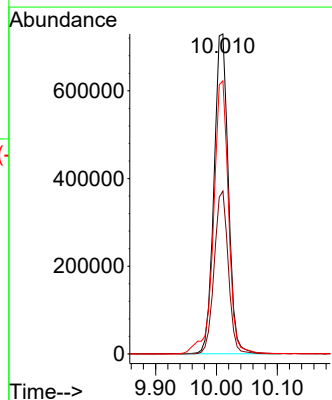
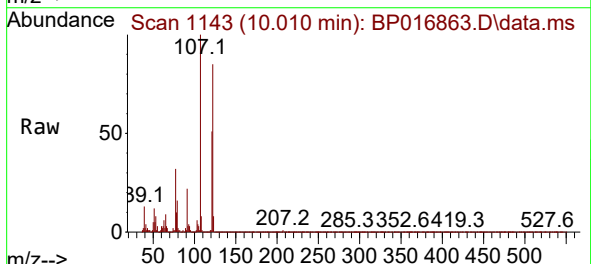
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

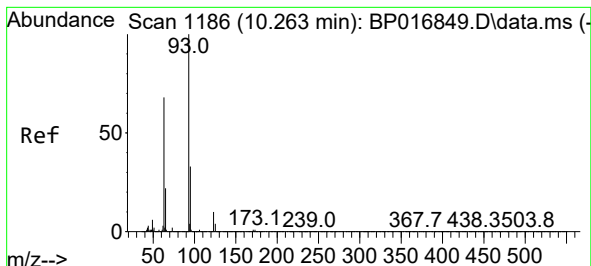
Tgt Ion:139 Resp: 692264
Ion Ratio Lower Upper
139 100
65 52.2 42.0 63.0
109 30.2 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 33.125 ng/ul
RT: 10.010 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:107 Resp: 1191630
Ion Ratio Lower Upper
107 100
121 50.9 40.7 61.1
122 85.4 69.7 104.5





#27

Bis(2-Chloroethoxy)methane

Concen: 38.219 ng/ul

RT: 10.269 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

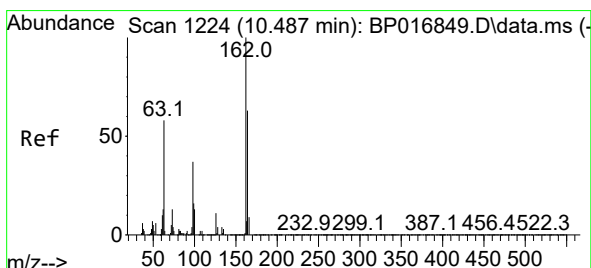
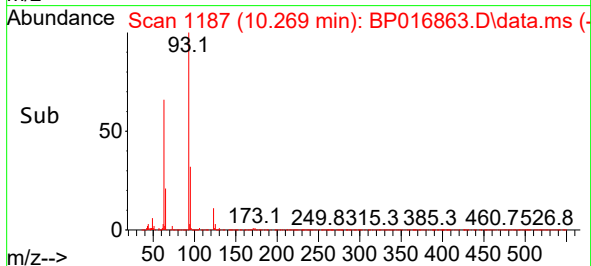
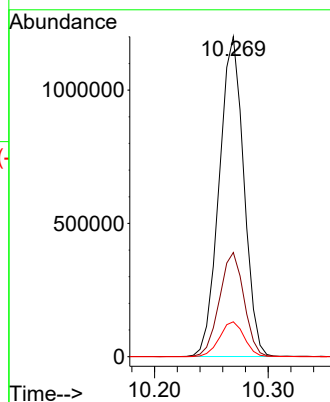
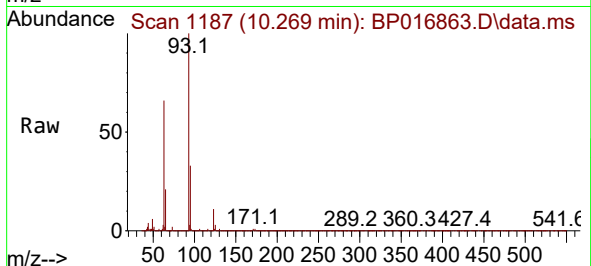
Tgt Ion: 93 Resp: 1804165

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

123 10.9 8.8 13.2



#29

2,4-Dichlorophenol

Concen: 36.511 ng/ul

RT: 10.493 min Scan# 1225

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

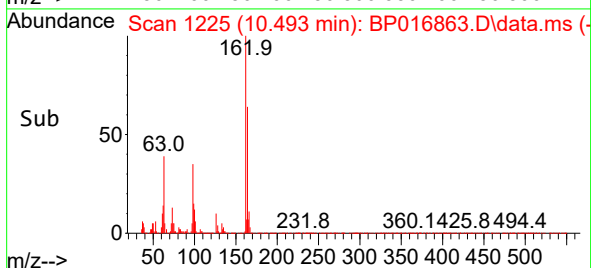
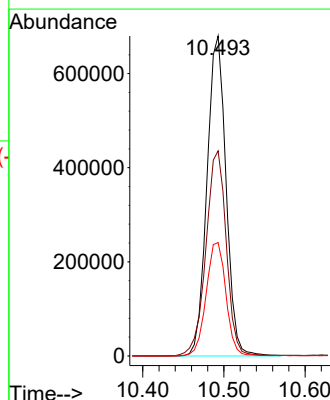
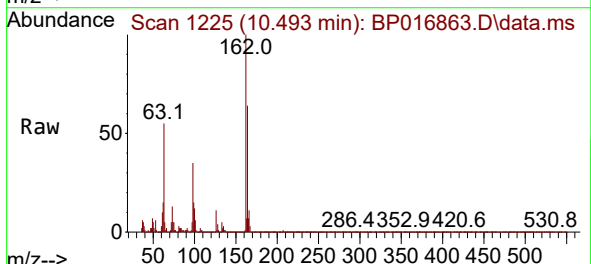
Tgt Ion:162 Resp: 1106757

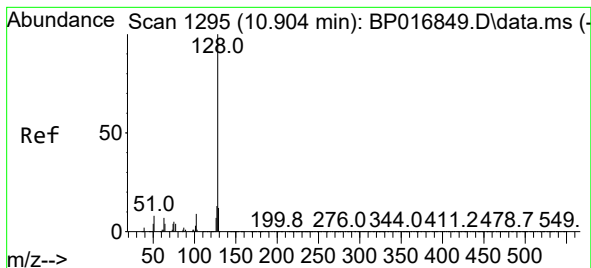
Ion Ratio Lower Upper

162 100

164 64.1 52.2 78.2

98 35.4 29.3 43.9

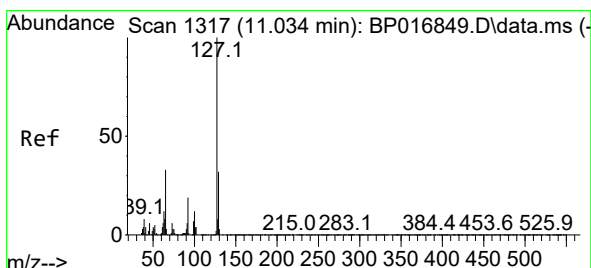
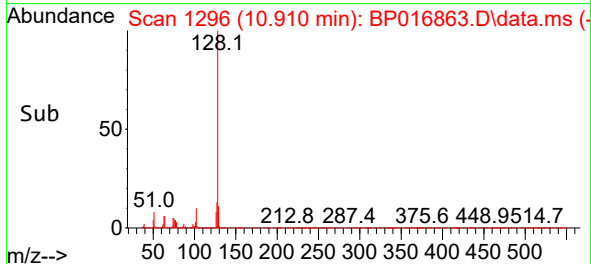
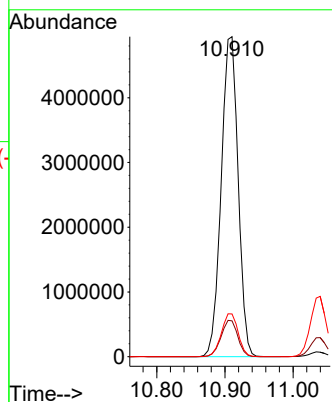
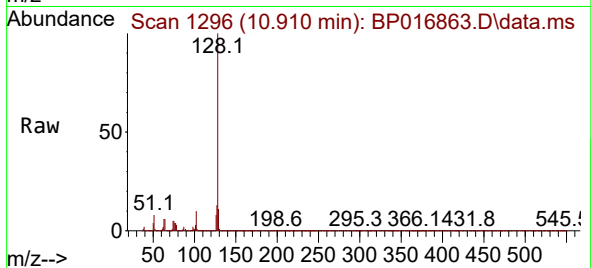




#30
Naphthalene
Concen: 80.997 ng/ul
RT: 10.910 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

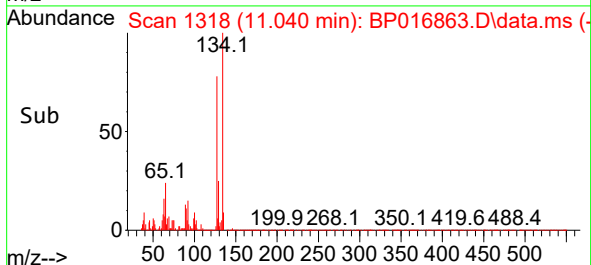
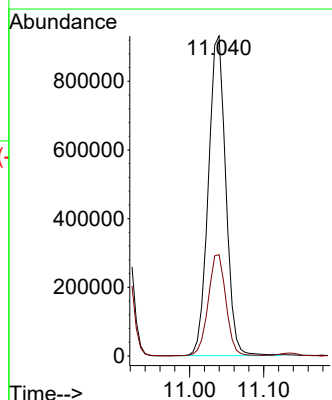
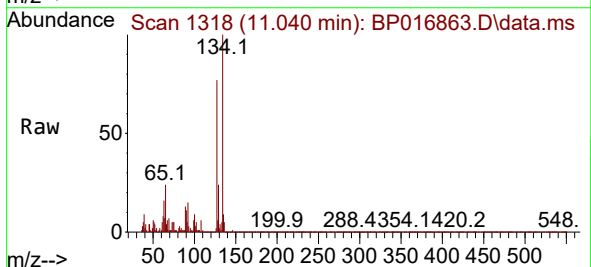
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

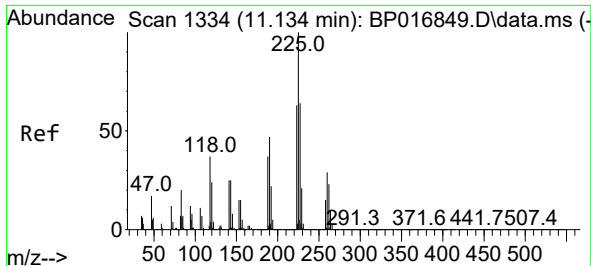
Tgt Ion:128 Resp: 8521737
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.3 15.5



#32
4-Chloroaniline
Concen: 33.516 ng/ul
RT: 11.040 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:127 Resp: 1524278
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9

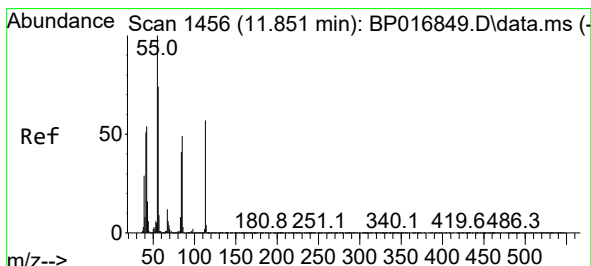
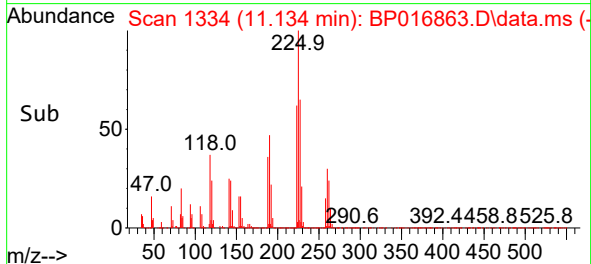
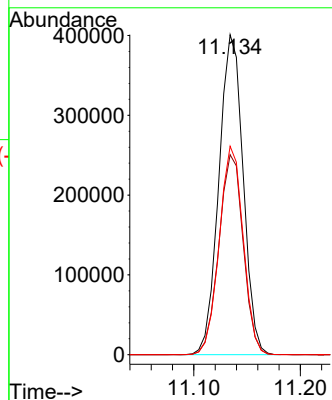
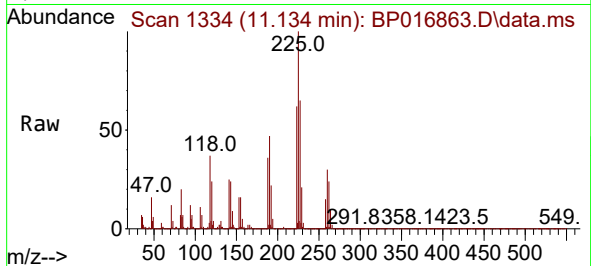




#33
Hexachlorobutadiene
Concen: 33.887 ng/ul
RT: 11.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

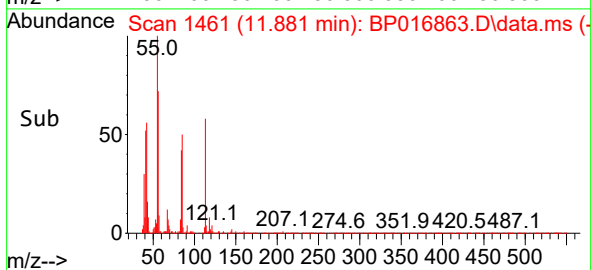
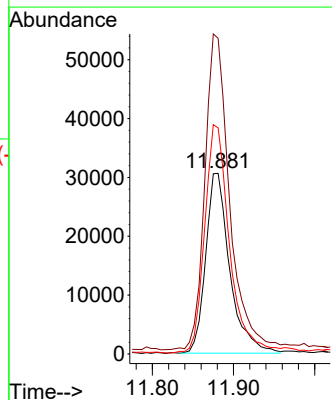
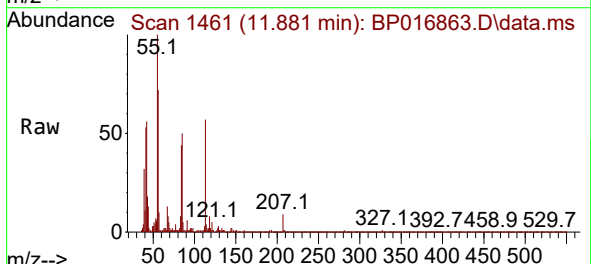
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

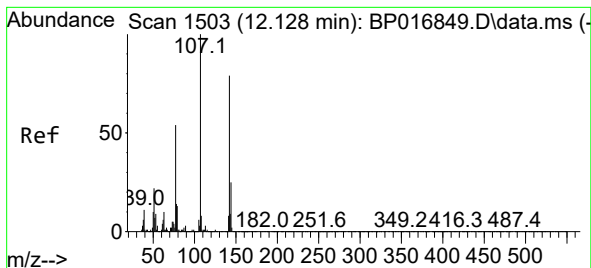
Tgt Ion:225 Resp: 632744
Ion Ratio Lower Upper
225 100
223 62.5 51.0 76.4
227 65.1 52.5 78.7



#34
Caprolactam
Concen: 5.638 ng/ul
RT: 11.881 min Scan# 1461
Delta R.T. 0.030 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:113 Resp: 63023
Ion Ratio Lower Upper
113 100
55 174.7 140.6 210.8
56 125.1 104.5 156.7

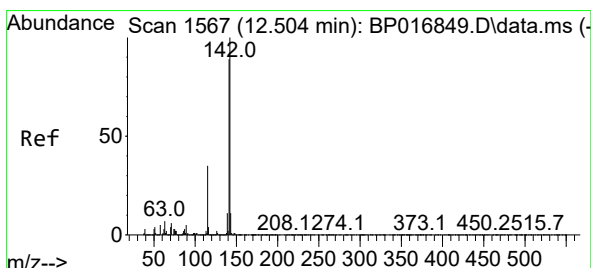
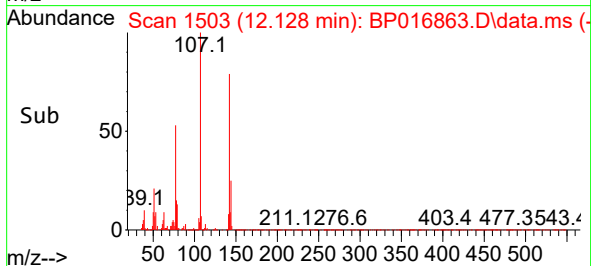
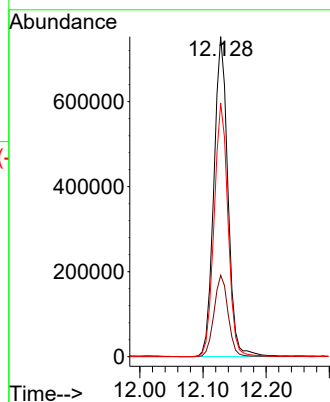
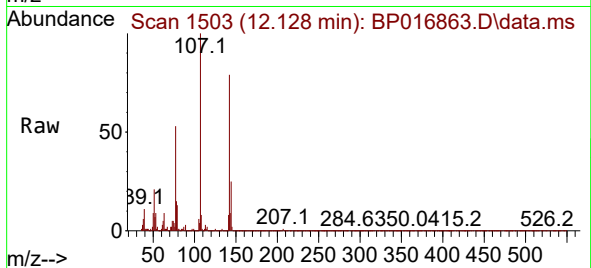




#35
4-Chloro-3-methylphenol
Concen: 34.080 ng/ul
RT: 12.128 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

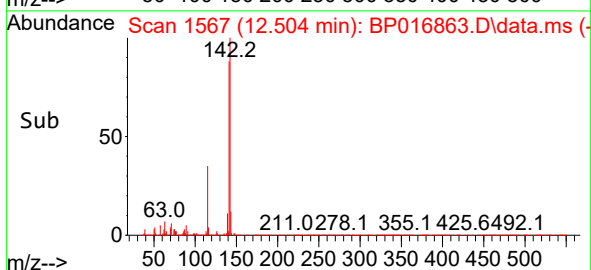
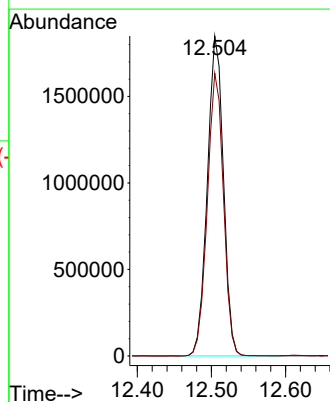
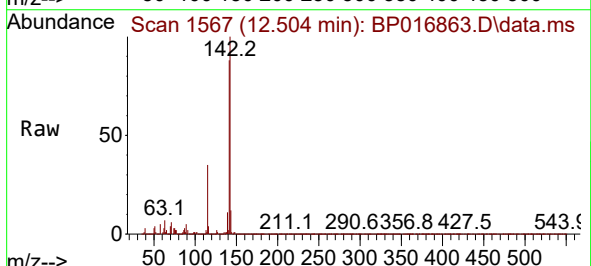
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

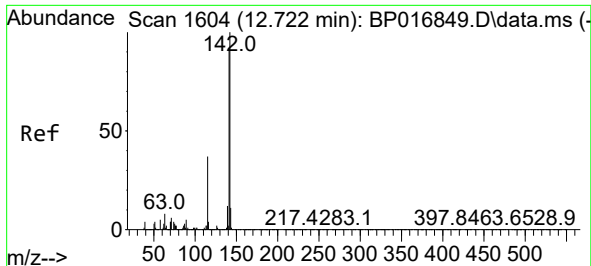
Tgt Ion:107 Resp: 1158485
Ion Ratio Lower Upper
107 100
144 25.5 20.6 31.0
142 79.3 63.7 95.5



#36
2-Methylnaphthalene
Concen: 38.381 ng/ul
RT: 12.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:142 Resp: 2787245
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0





#37

1-Methylnaphthalene

Concen: 39.763 ng/ul

RT: 12.728 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

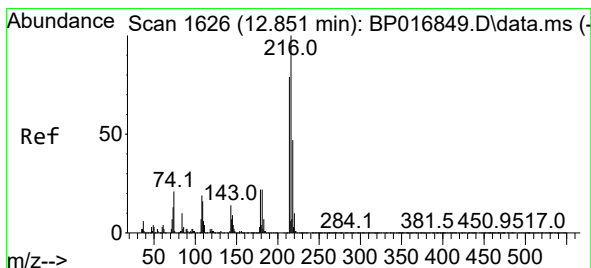
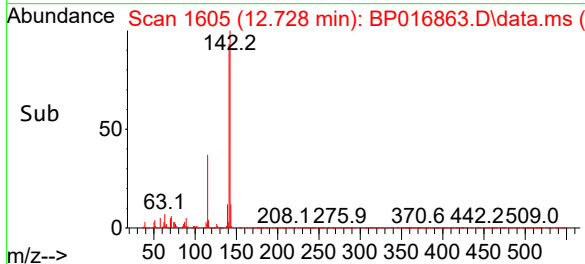
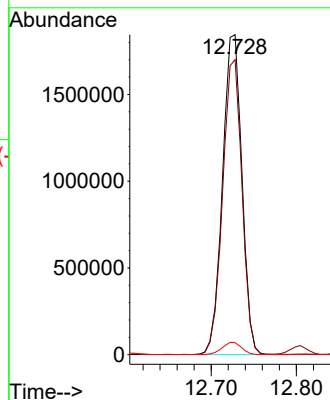
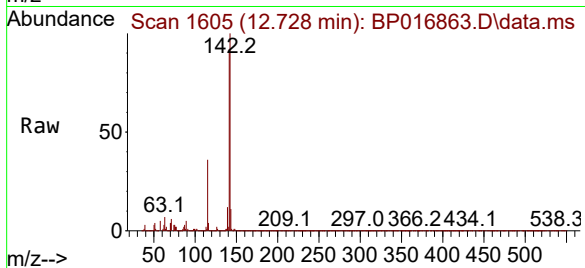
Tgt Ion:142 Resp: 2911946

Ion Ratio Lower Upper

142 100

141 92.2 73.0 109.4

116 3.8 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.648 ng/ul

RT: 12.852 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Tgt Ion:216 Resp: 1386504

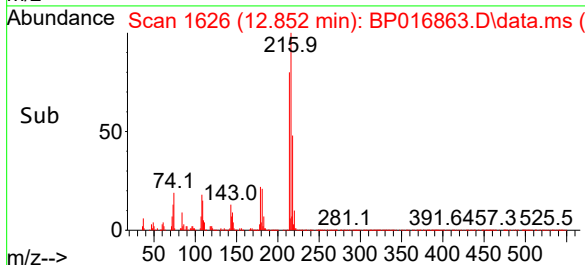
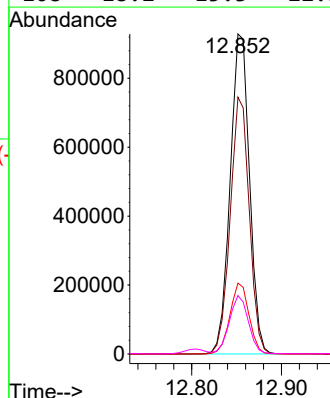
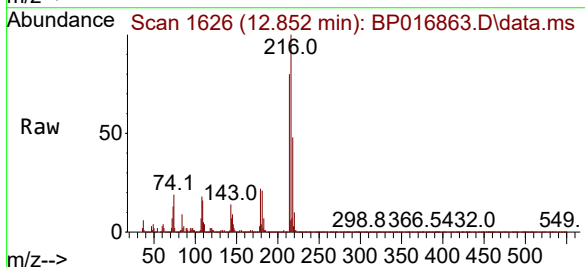
Ion Ratio Lower Upper

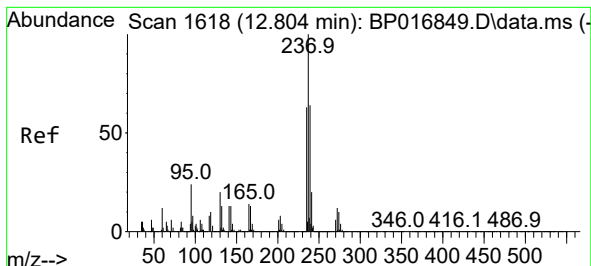
216 100

214 80.3 63.4 95.2

179 22.1 17.4 26.2

108 18.2 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 21.592 ng/ul

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

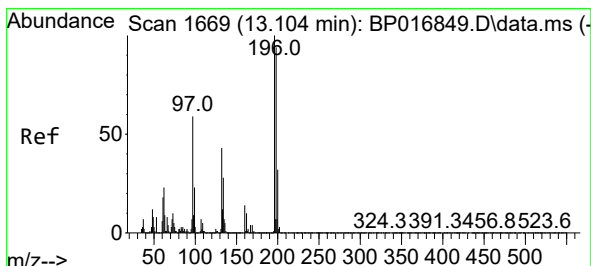
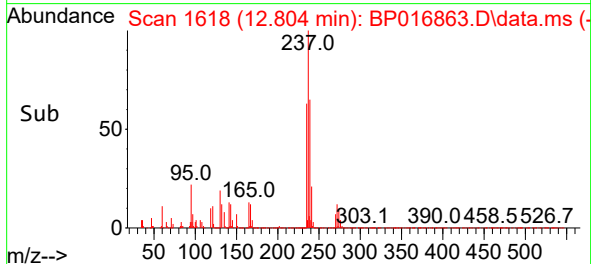
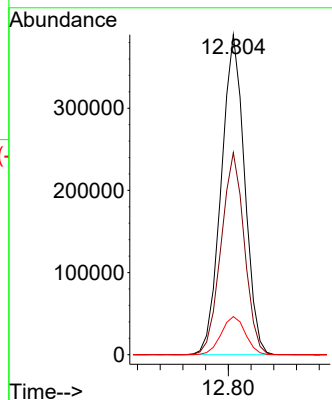
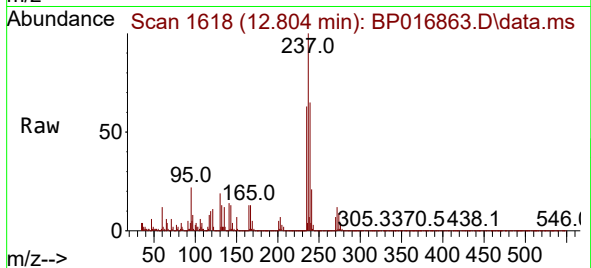
Tgt Ion:237 Resp: 555280

Ion Ratio Lower Upper

237 100

235 63.1 51.3 76.9

272 11.9 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 43.164 ng/ul

RT: 13.104 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

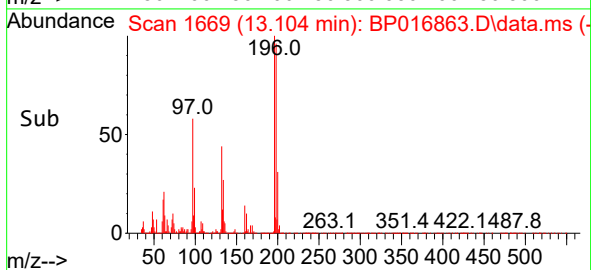
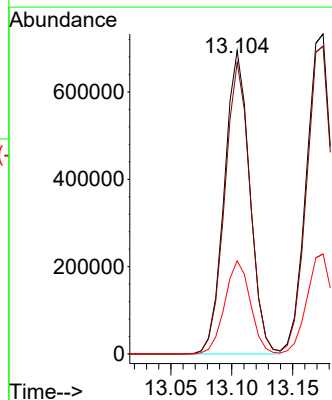
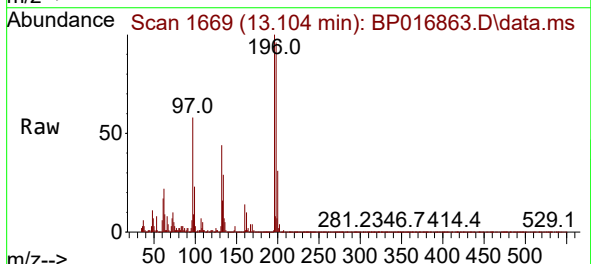
Tgt Ion:196 Resp: 1007994

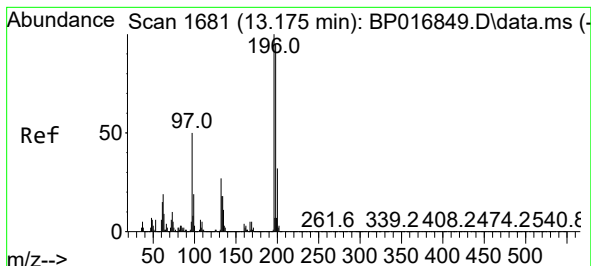
Ion Ratio Lower Upper

196 100

198 96.1 76.6 115.0

200 30.7 25.2 37.8

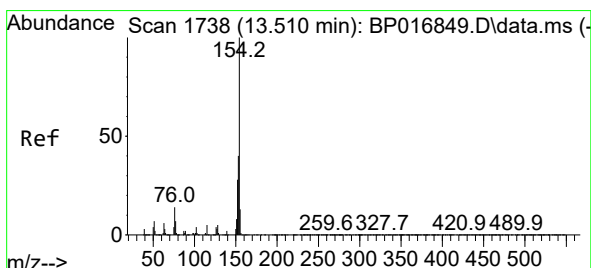
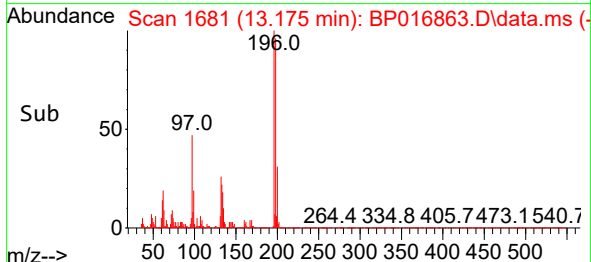
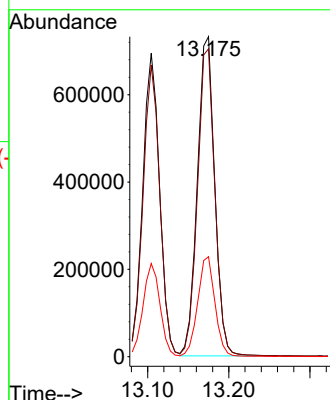
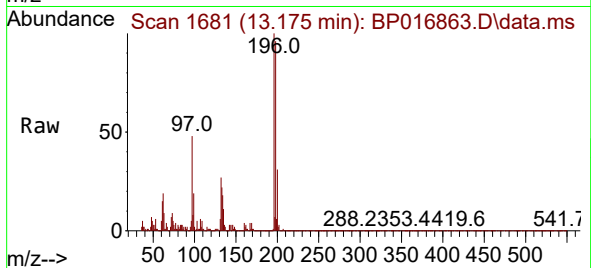




#42
2,4,5-Trichlorophenol
Concen: 43.196 ng/ul
RT: 13.175 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

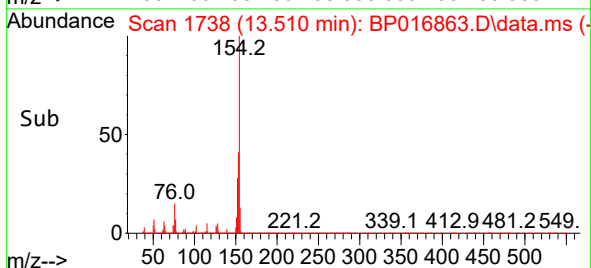
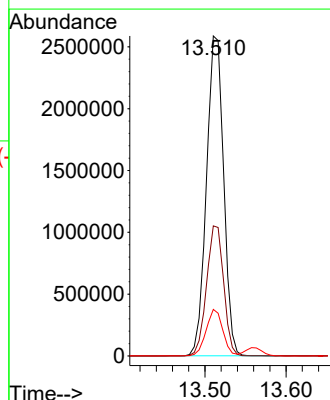
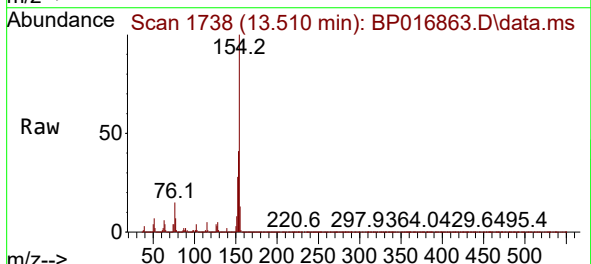
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

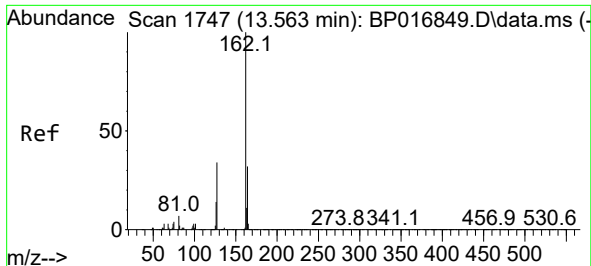
Tgt Ion:196 Resp: 1091556
Ion Ratio Lower Upper
196 100
198 96.2 77.8 116.8
200 31.2 24.8 37.2



#43
1,1'-Biphenyl
Concen: 41.583 ng/ul
RT: 13.510 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:154 Resp: 3793476
Ion Ratio Lower Upper
154 100
153 40.7 32.7 49.1
76 14.6 11.3 16.9

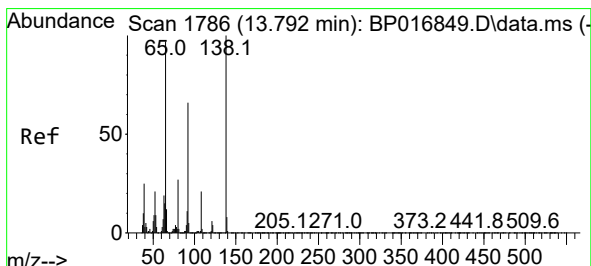
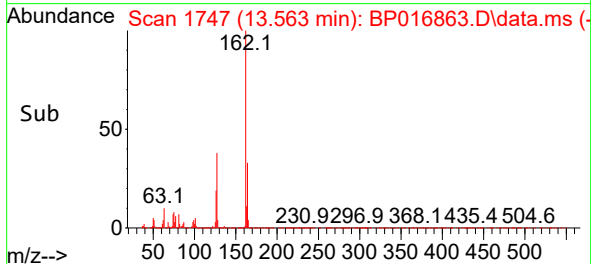
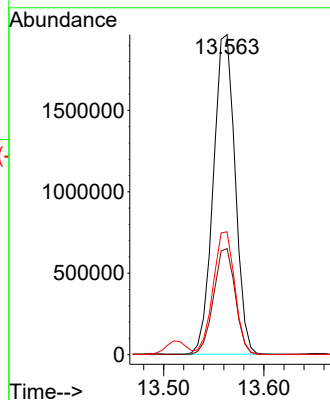
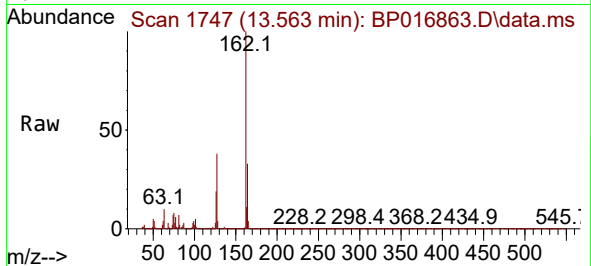




#44
2-Chloronaphthalene
Concen: 41.110 ng/ul
RT: 13.563 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

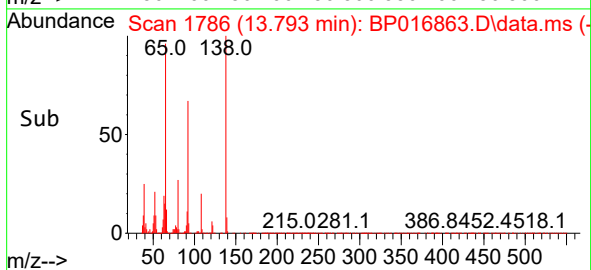
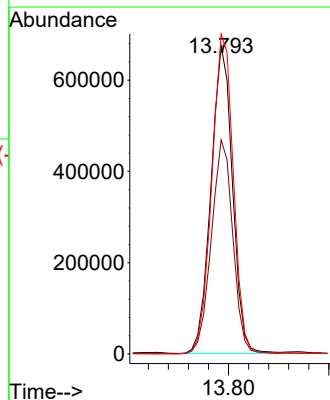
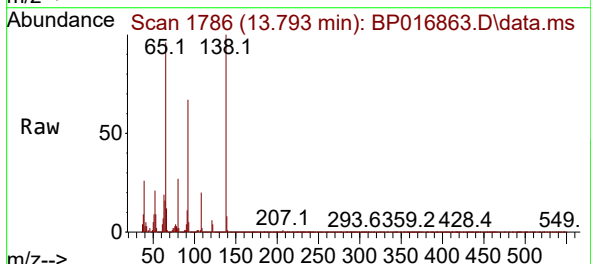
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

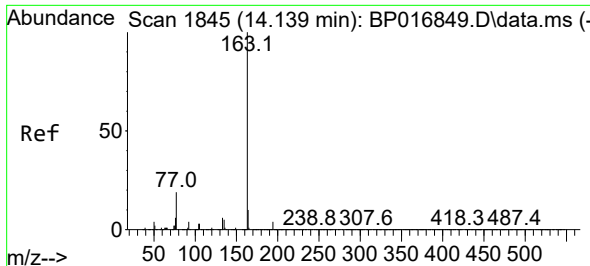
Tgt Ion:162 Resp: 2960548
Ion Ratio Lower Upper
162 100
164 33.2 26.1 39.1
127 38.4 30.8 46.2



#45
2-Nitroaniline
Concen: 45.935 ng/ul
RT: 13.793 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion: 65 Resp: 1003244
Ion Ratio Lower Upper
65 100
92 69.5 53.8 80.8
138 103.9 80.7 121.1

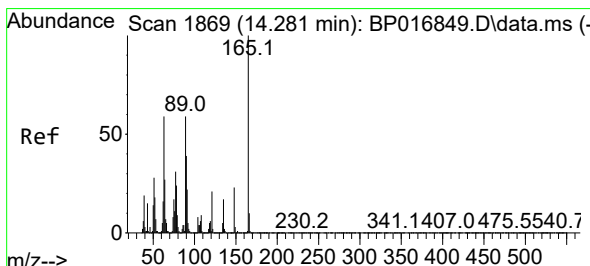
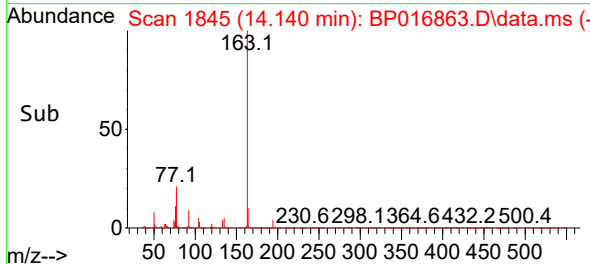
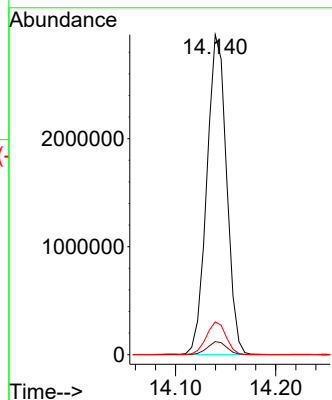
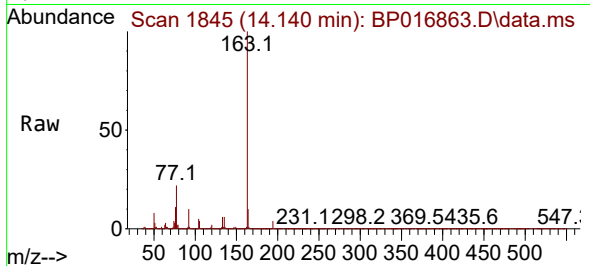




#47
Dimethylphthalate
Concen: 43.259 ng/ul
RT: 14.140 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

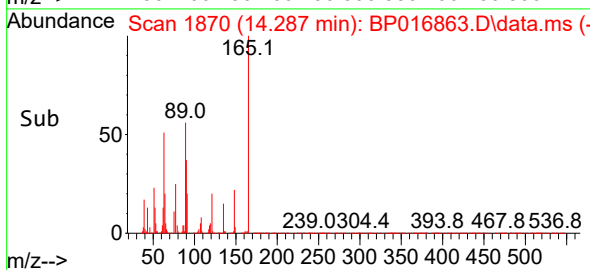
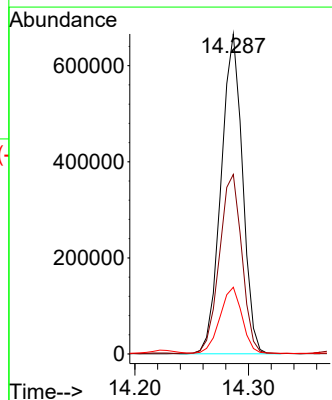
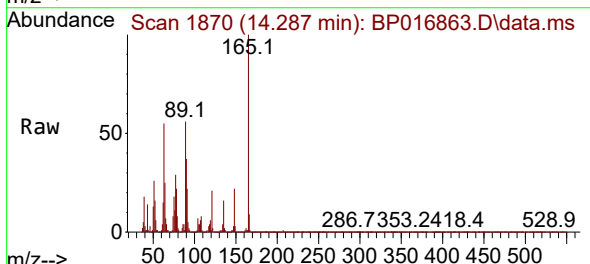
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

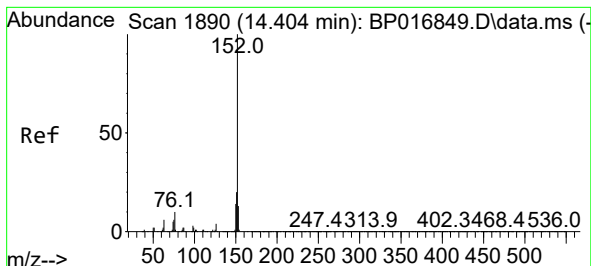
Tgt Ion:163 Resp: 4053846
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 47.615 ng/ul
RT: 14.287 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:165 Resp: 874342
Ion Ratio Lower Upper
165 100
89 56.1 48.0 72.0
121 20.9 16.9 25.3





#50

Acenaphthylene

Concen: 40.439 ng/ul

RT: 14.410 min Scan# 1890

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

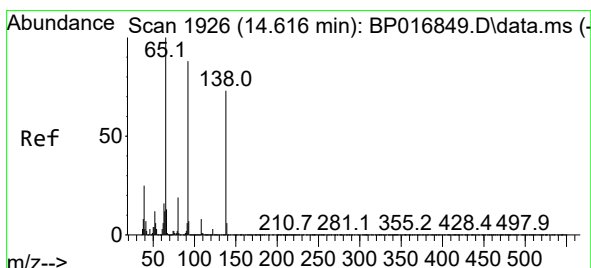
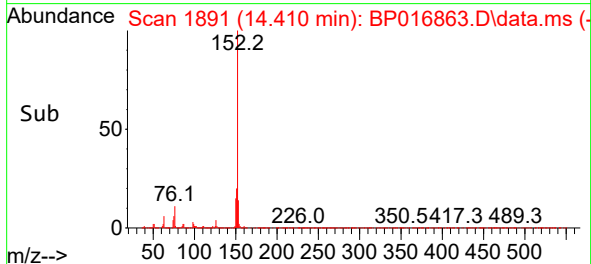
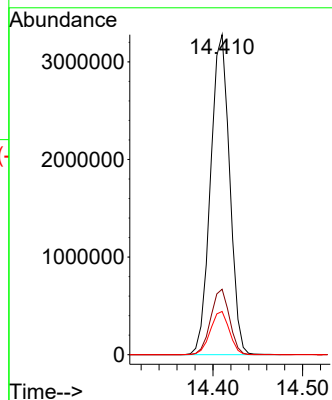
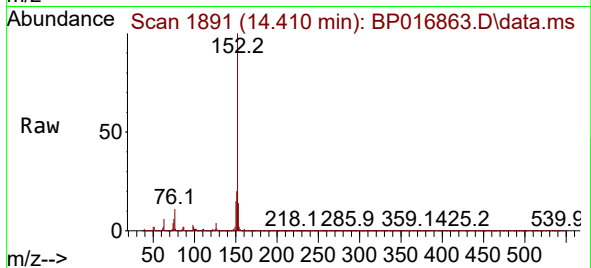
Tgt Ion:152 Resp: 4841616

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 13.5 10.6 15.8



#51

3-Nitroaniline

Concen: 42.844 ng/ul

RT: 14.622 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

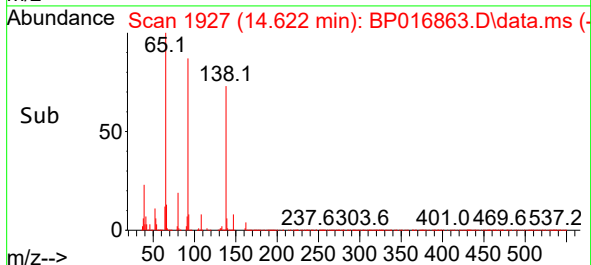
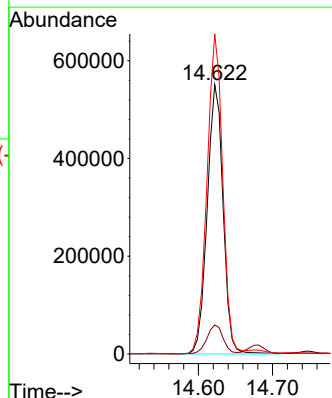
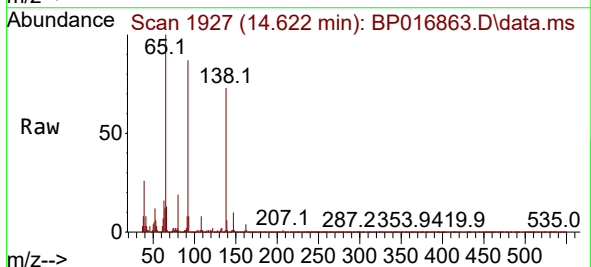
Tgt Ion:138 Resp: 819217

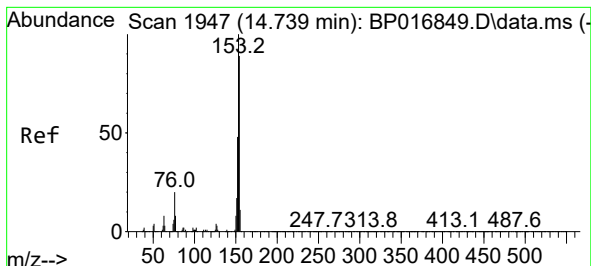
Ion Ratio Lower Upper

138 100

108 10.7 8.2 12.4

92 118.9 95.4 143.0





#52

Acenaphthene

Concen: 87.043 ng/ul

RT: 14.746 min Scan# 1948

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

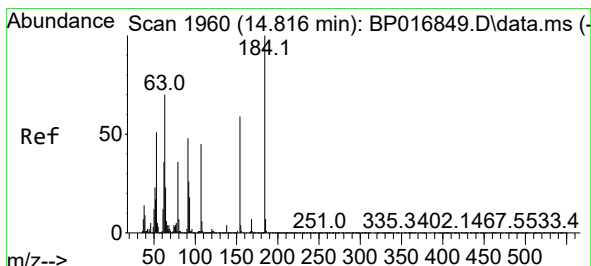
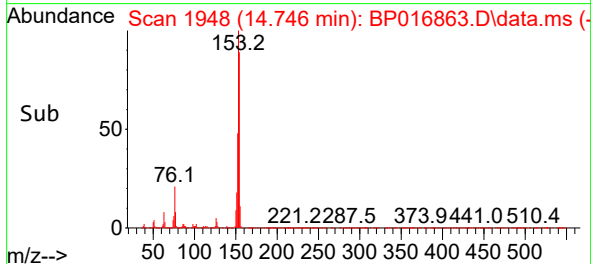
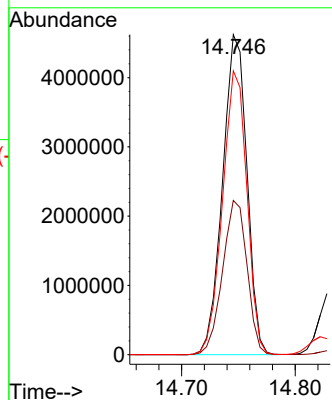
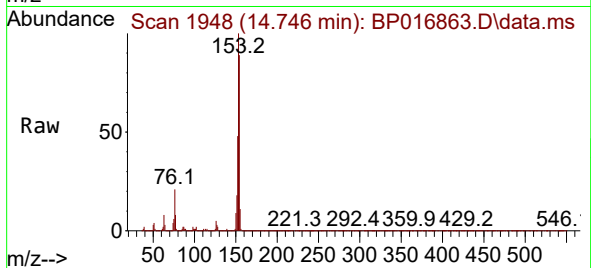
Tgt Ion:153 Resp: 6894359

Ion Ratio Lower Upper

153 100

152 48.2 38.5 57.7

154 88.7 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 31.171 ng/ul

RT: 14.822 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

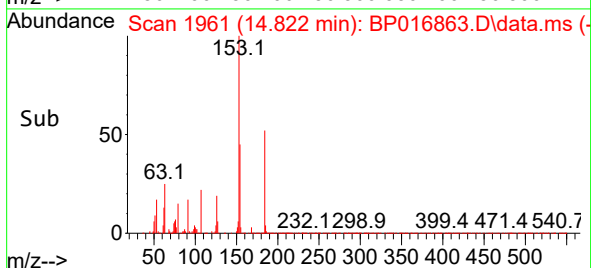
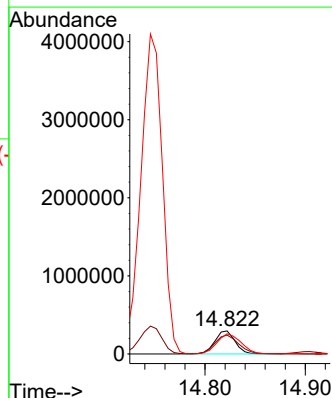
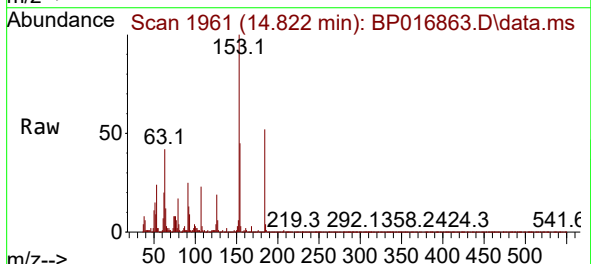
Tgt Ion:184 Resp: 415923

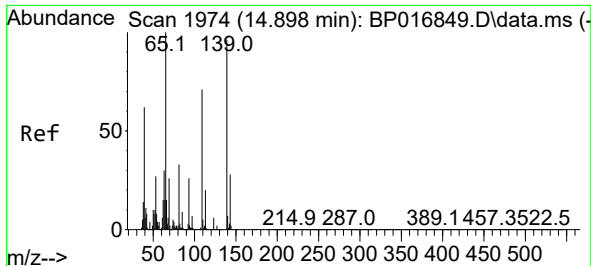
Ion Ratio Lower Upper

184 100

63 81.8 55.3 82.9

154 87.5 50.3 75.5#

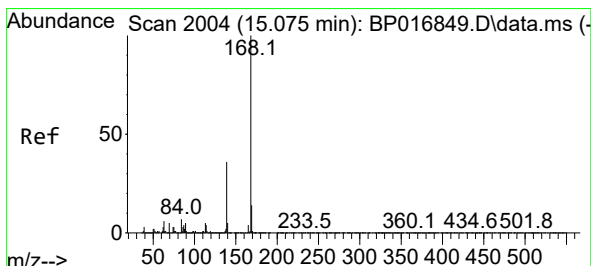
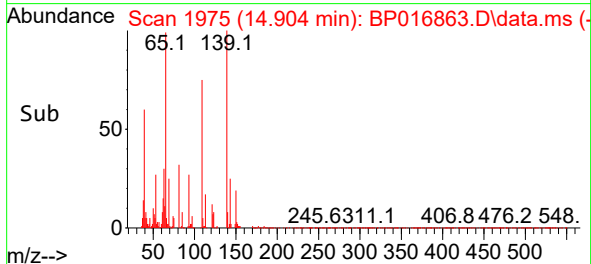
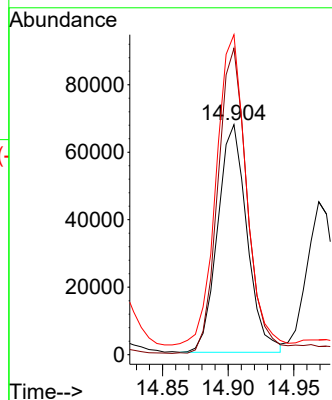
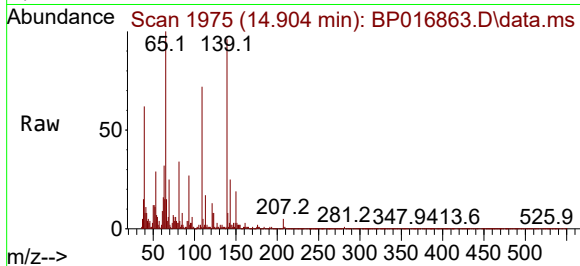




#55
4-Nitrophenol
Concen: 7.274 ng/ul
RT: 14.904 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

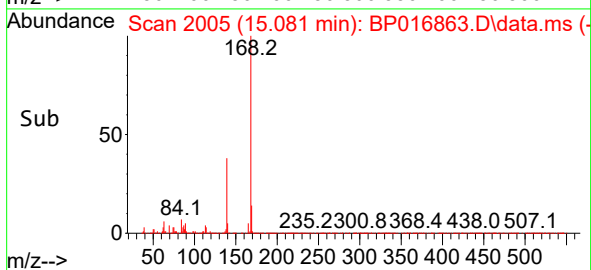
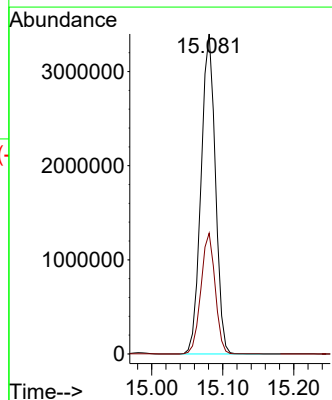
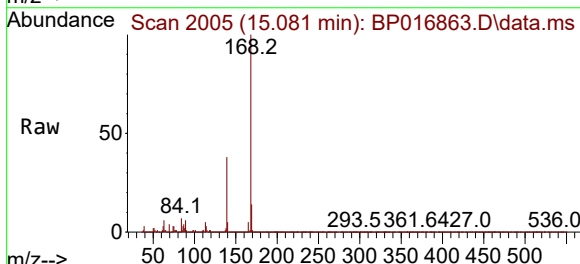
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

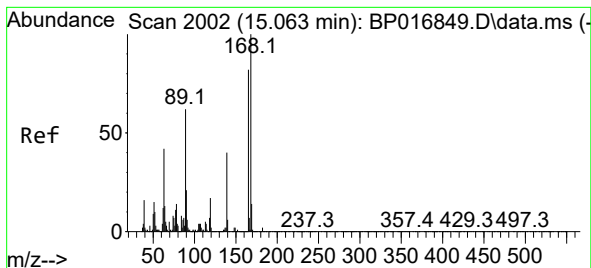
Tgt Ion:109 Resp: 105068
Ion Ratio Lower Upper
109 100
139 133.2 108.6 163.0
65 139.1 107.8 161.6



#56
Dibenzofuran
Concen: 43.949 ng/ul
RT: 15.081 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:168 Resp: 4776387
Ion Ratio Lower Upper
168 100
139 37.8 29.2 43.8

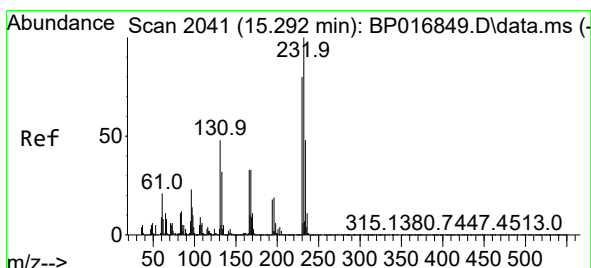
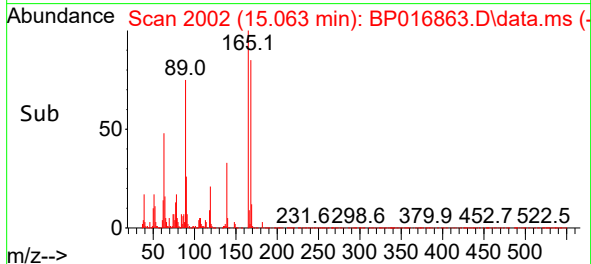
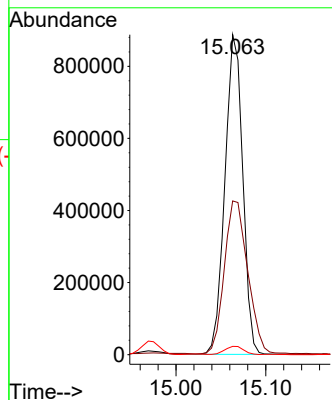
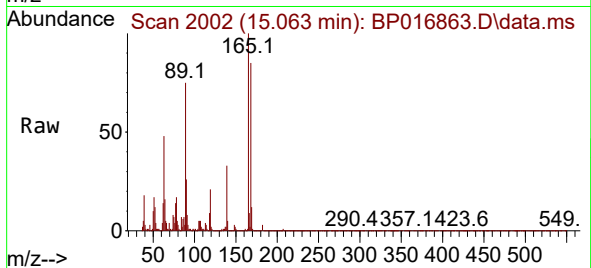




#57
2,4-Dinitrotoluene
Concen: 45.311 ng/ul
RT: 15.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

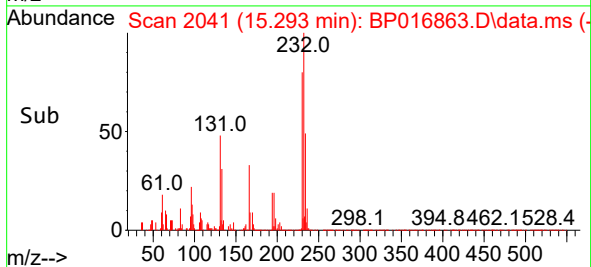
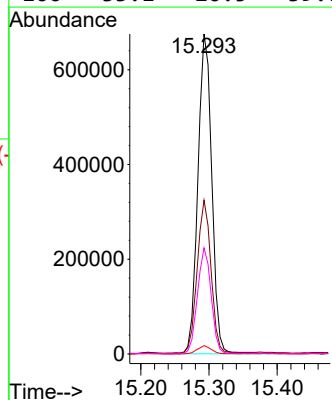
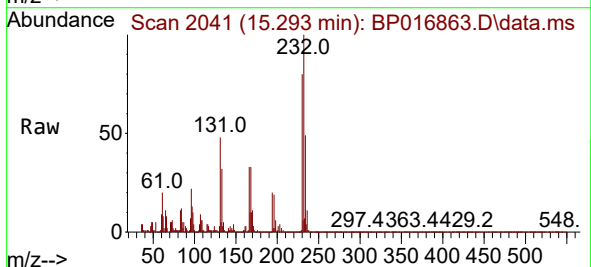
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

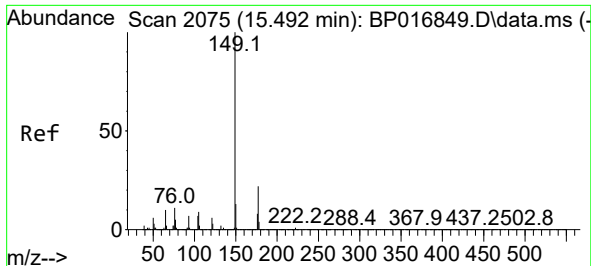
Tgt Ion:165 Resp: 1224669
Ion Ratio Lower Upper
165 100
63 48.0 39.0 58.4
182 2.6 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 44.175 ng/ul
RT: 15.293 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:232 Resp: 950351
Ion Ratio Lower Upper
232 100
131 48.0 38.1 57.1
130 2.6 1.9 2.9
166 33.1 26.5 39.7

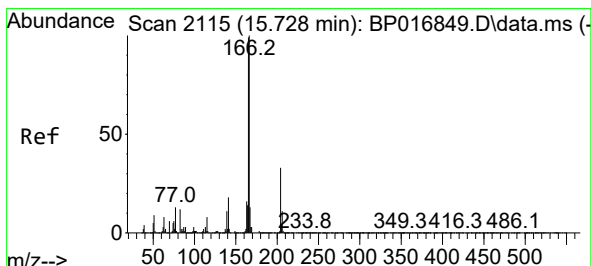
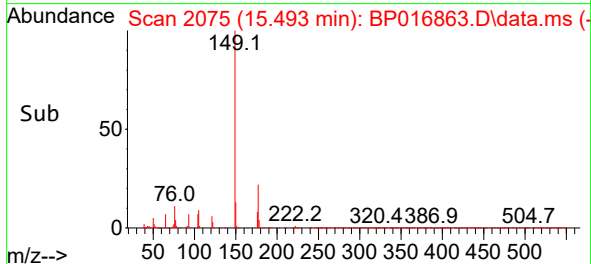
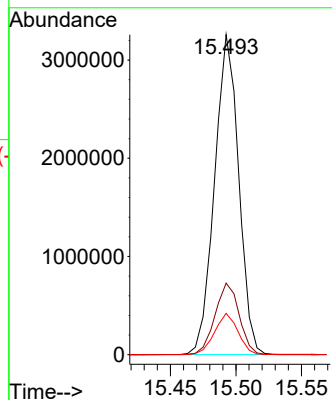
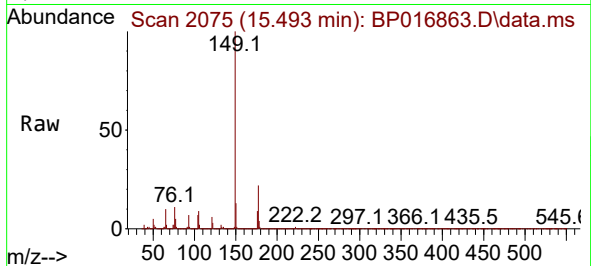




#59
Diethylphthalate
Concen: 43.638 ng/ul
RT: 15.493 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

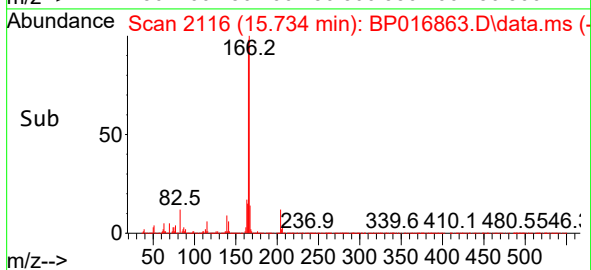
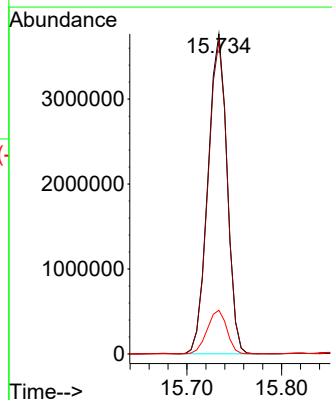
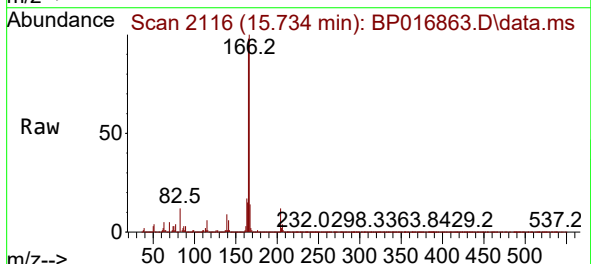
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

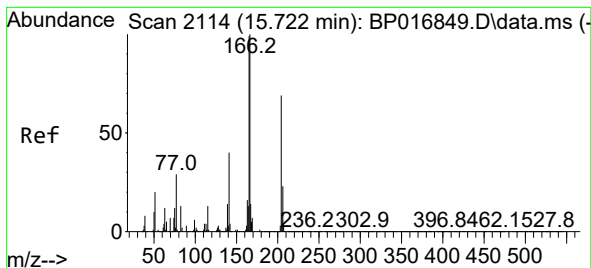
Tgt Ion:149 Resp: 4154382
Ion Ratio Lower Upper
149 100
177 22.4 17.3 25.9
150 12.9 10.2 15.2



#61
Fluorene
Concen: 58.212 ng/ul
RT: 15.734 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:166 Resp: 5291706
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 13.7 10.9 16.3

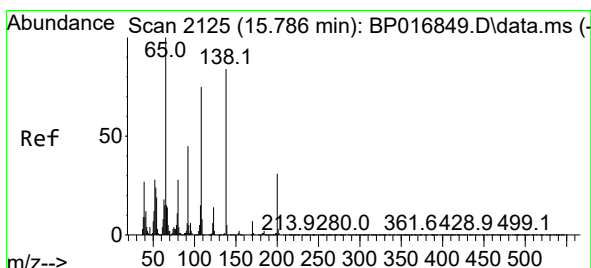
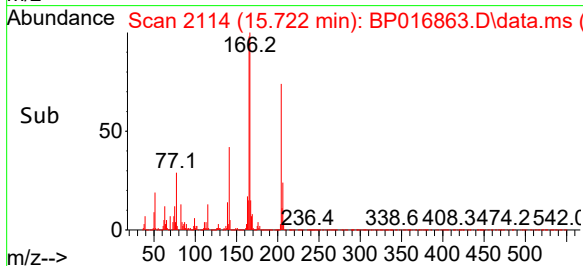
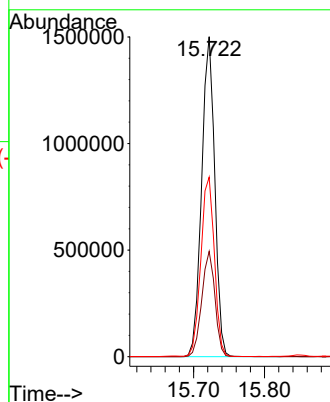
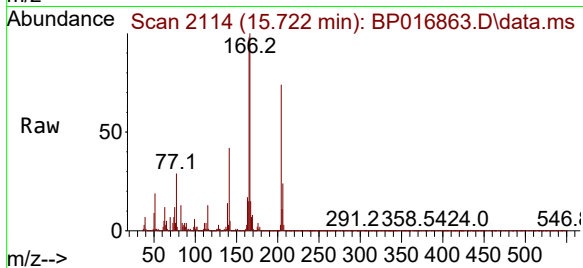




#62
4-Chlorophenyl-phenylether
Concen: 43.268 ng/ul
RT: 15.722 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

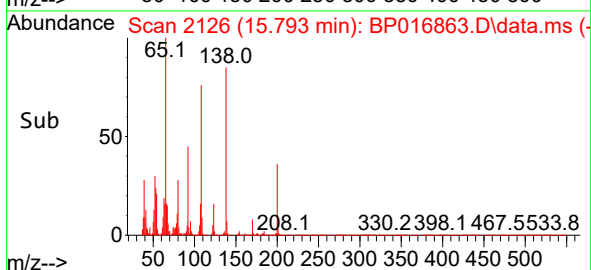
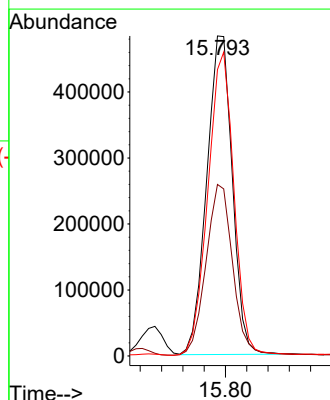
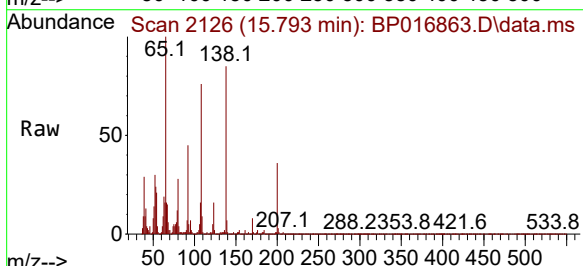
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

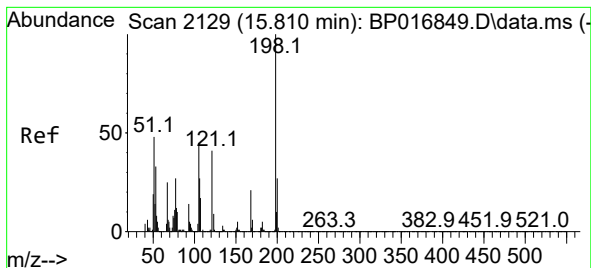
Tgt Ion:204 Resp: 1931123
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 56.1 46.8 70.2



#63
4-Nitroaniline
Concen: 44.344 ng/ul
RT: 15.793 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:138 Resp: 806818
Ion Ratio Lower Upper
138 100
92 53.6 41.6 62.4
108 89.5 74.9 112.3

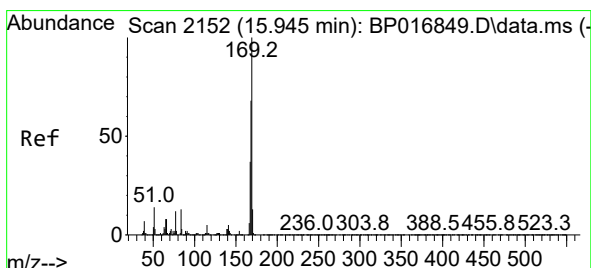
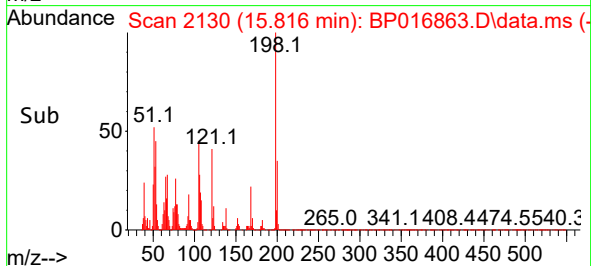
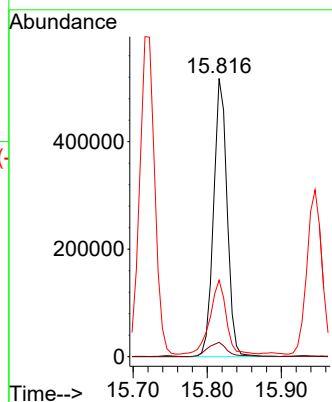
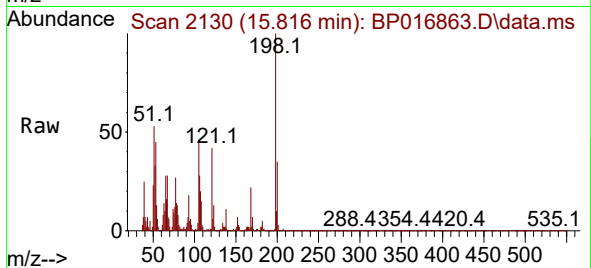




#66
4,6-Dinitro-2-methylphenol
Concen: 39.722 ng/ul
RT: 15.816 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

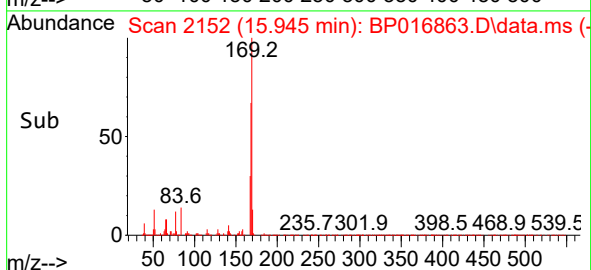
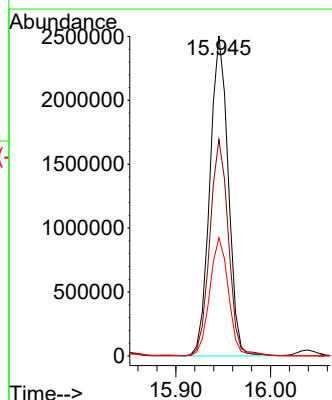
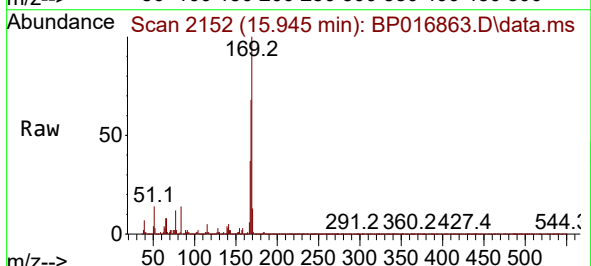
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

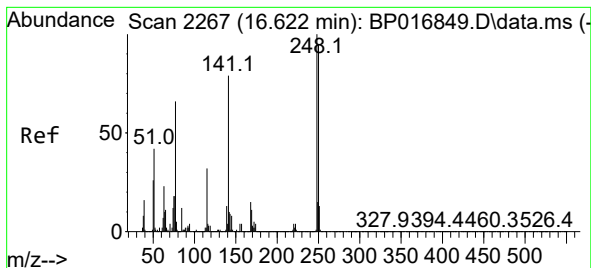
Tgt Ion:198 Resp: 654979
Ion Ratio Lower Upper
198 100
182 5.2 3.2 4.8#
77 27.5 20.7 31.1



#67
N-Nitrosodiphenylamine
Concen: 47.363 ng/ul
RT: 15.945 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:169 Resp: 3364267
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.2
167 36.9 29.4 44.2

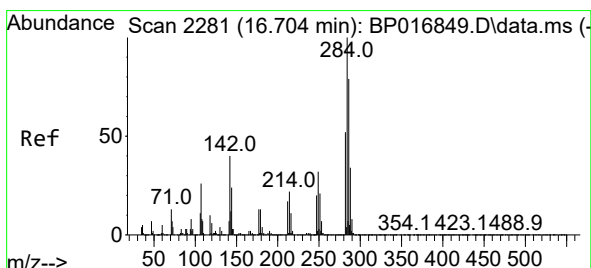
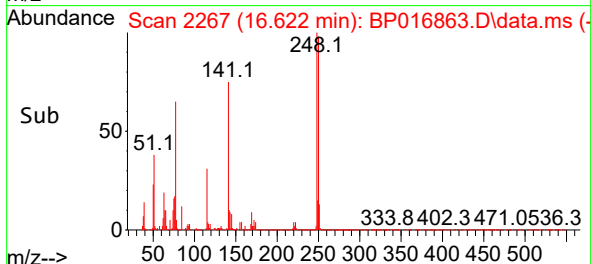
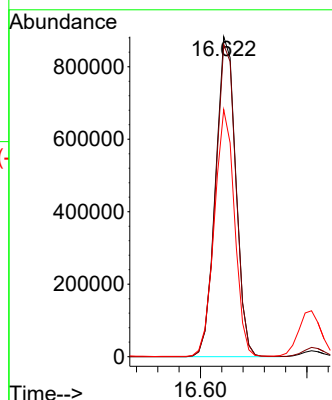
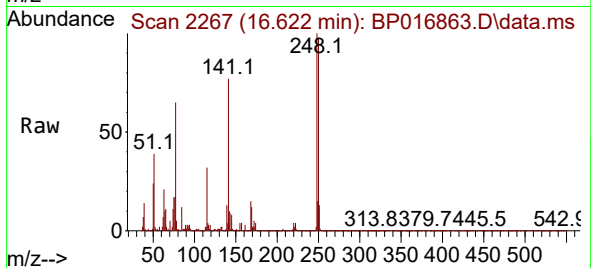




#68
4-Bromophenyl-phenylether
Concen: 47.213 ng/ul
RT: 16.622 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

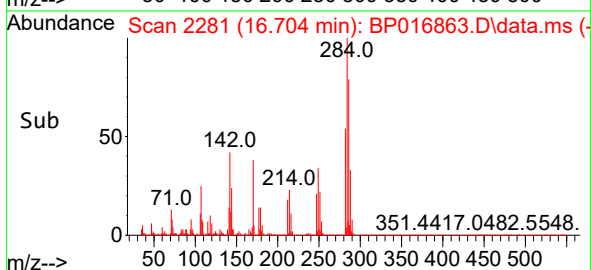
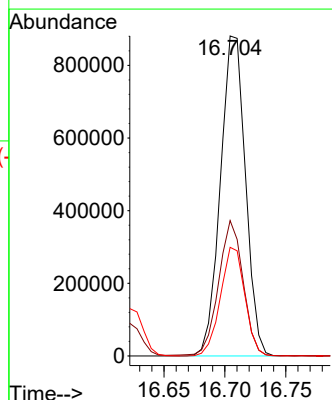
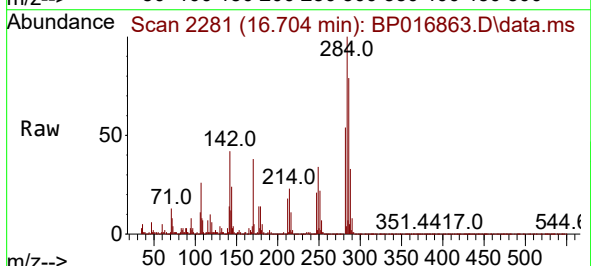
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

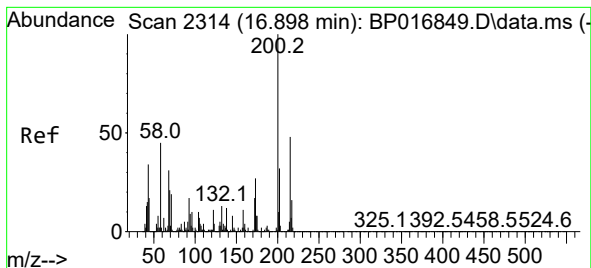
Tgt Ion:248 Resp: 1162498
Ion Ratio Lower Upper
248 100
250 97.6 75.4 113.2
141 77.2 58.7 88.1



#69
Hexachlorobenzene
Concen: 45.858 ng/ul
RT: 16.704 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:284 Resp: 1264262
Ion Ratio Lower Upper
284 100
142 42.3 29.8 44.8
249 34.0 25.9 38.9





#70

Atrazine

Concen: 43.689 ng/ul

RT: 16.904 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

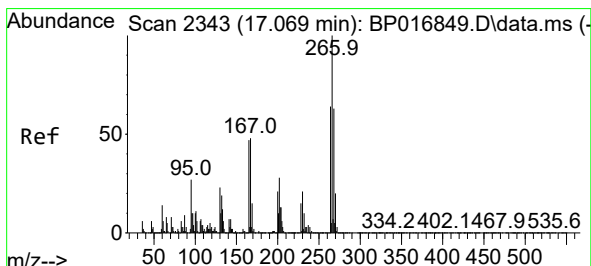
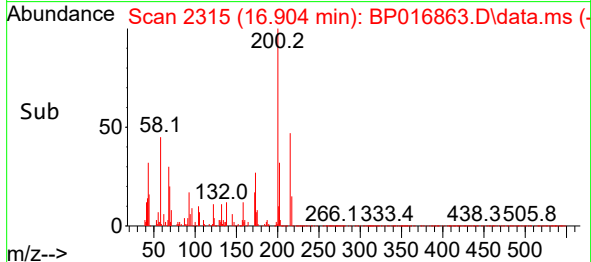
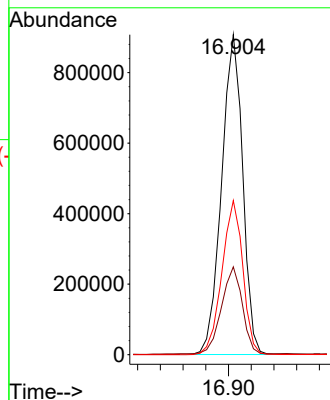
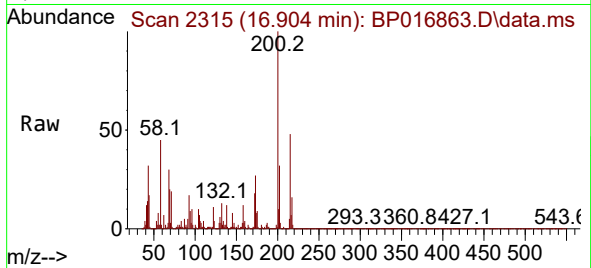
Tgt Ion:200 Resp: 1169952

Ion Ratio Lower Upper

200 100

173 27.5 21.4 32.2

215 48.2 37.3 55.9



#71

Pentachlorophenol

Concen: 38.835 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

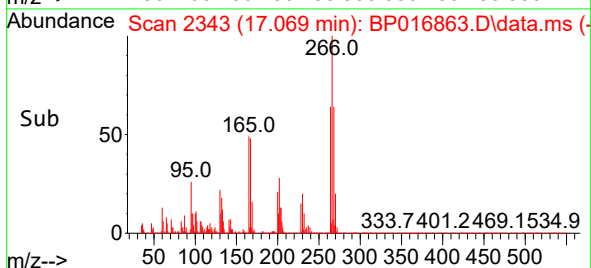
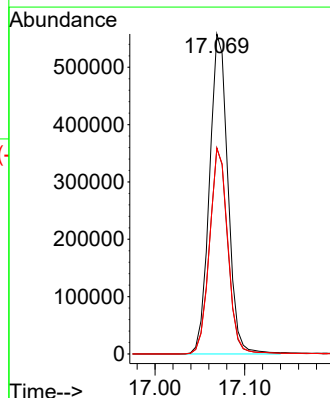
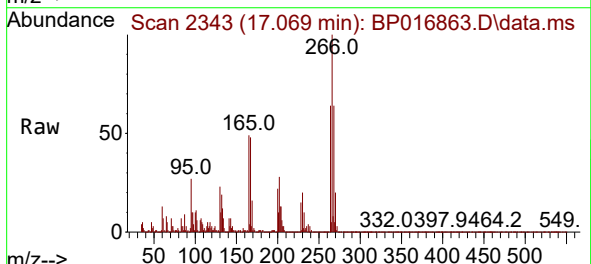
Tgt Ion:266 Resp: 794757

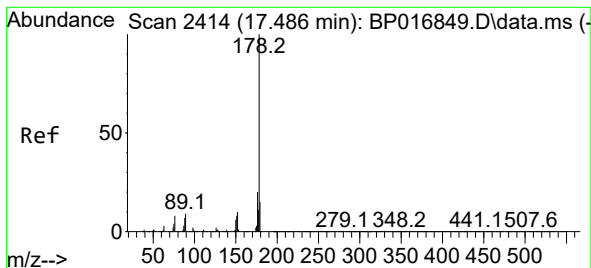
Ion Ratio Lower Upper

266 100

264 64.4 50.7 76.1

268 64.2 50.8 76.2





#72

Phenanthrene

Concen: 45.106 ng/ul

RT: 17.492 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

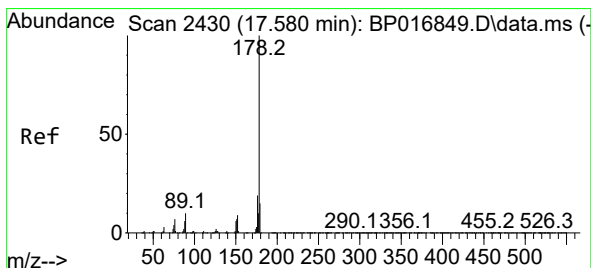
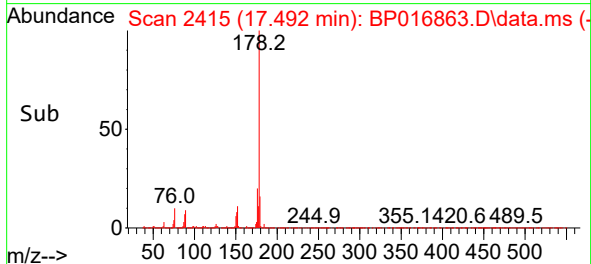
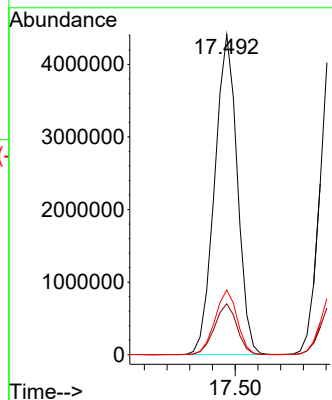
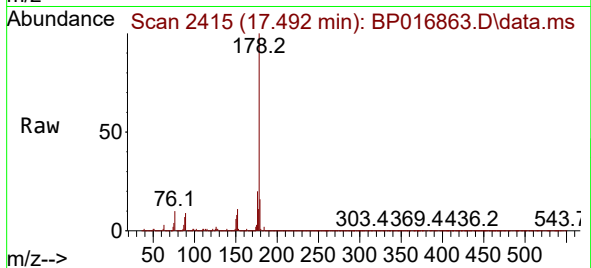
Tgt Ion:178 Resp: 6098412

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 20.2 15.6 23.4



#74

Anthracene

Concen: 44.823 ng/ul

RT: 17.587 min Scan# 2431

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

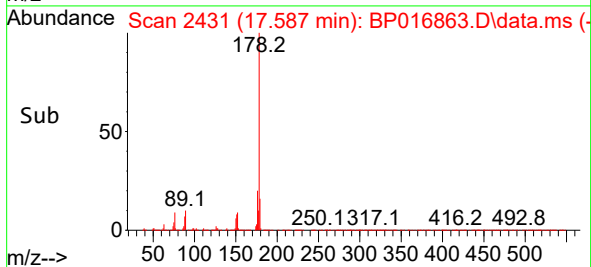
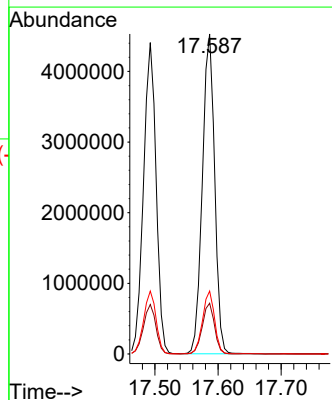
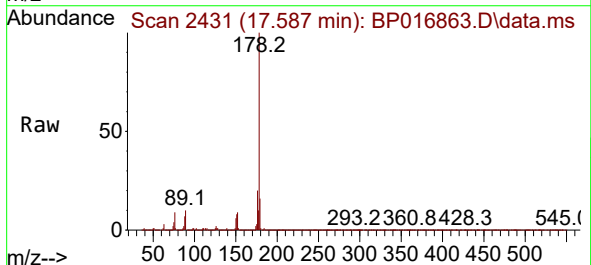
Tgt Ion:178 Resp: 6127718

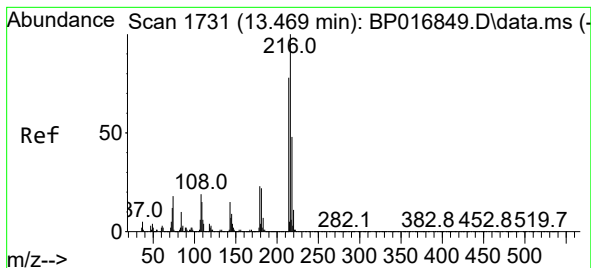
Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 19.6 15.3 22.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.098 ng/uL

RT: 13.463 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

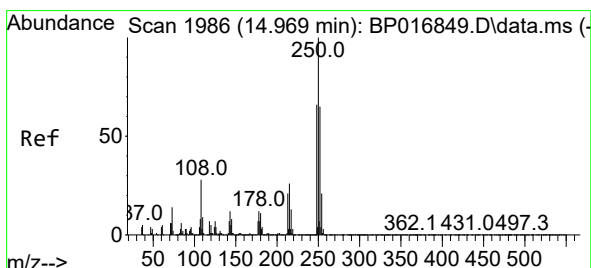
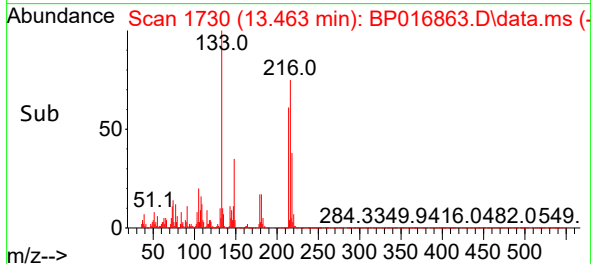
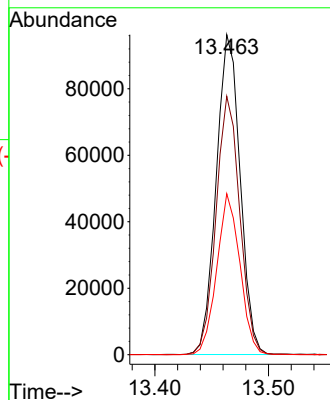
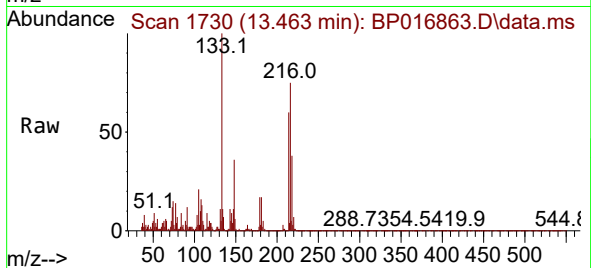
Tgt Ion:216 Resp: 140935

Ion Ratio Lower Upper

216 100

214 80.8 64.0 96.0

218 50.3 38.2 57.2



#76

Pentachlorobenzene

Concen: 48.161 ng/uL

RT: 14.975 min Scan# 1987

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

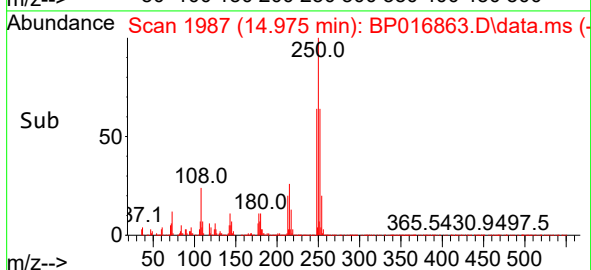
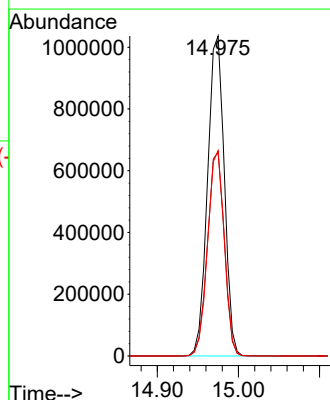
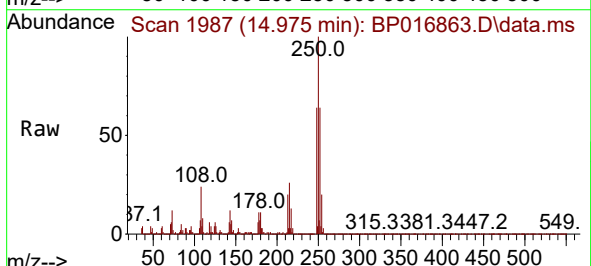
Tgt Ion:250 Resp: 1480028

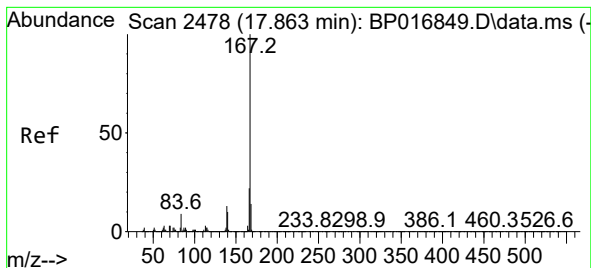
Ion Ratio Lower Upper

250 100

248 63.7 50.9 76.3

252 64.2 52.2 78.4





#77

Carbazole

Concen: 73.612 ng/ul

RT: 17.869 min Scan# 2478

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

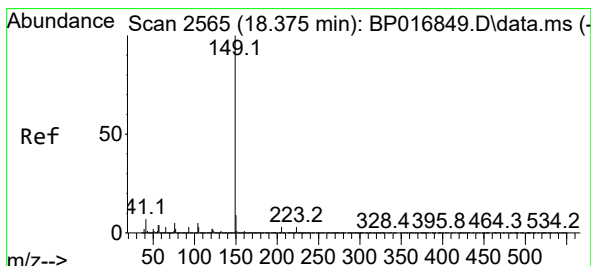
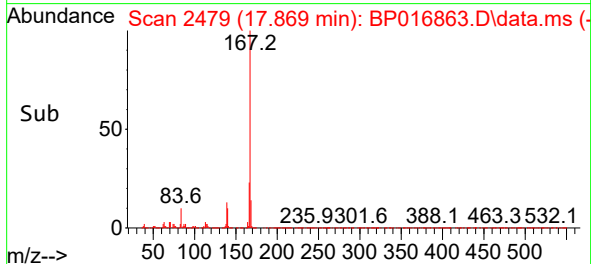
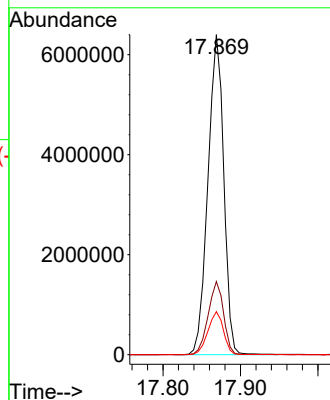
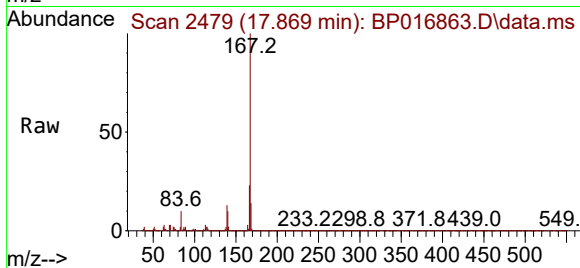
Tgt Ion:167 Resp: 9063294

Ion Ratio Lower Upper

167 100

166 22.8 17.4 26.2

139 13.5 10.4 15.6



#78

Di-n-butylphthalate

Concen: 47.476 ng/ul

RT: 18.375 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

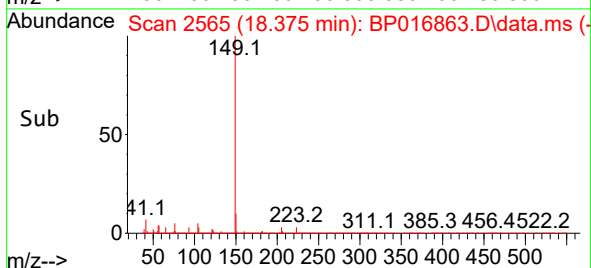
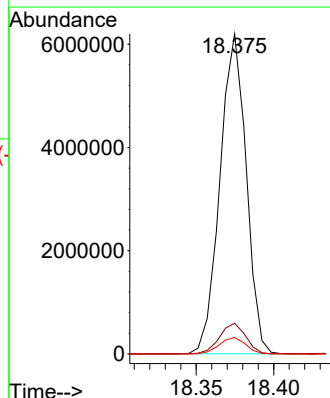
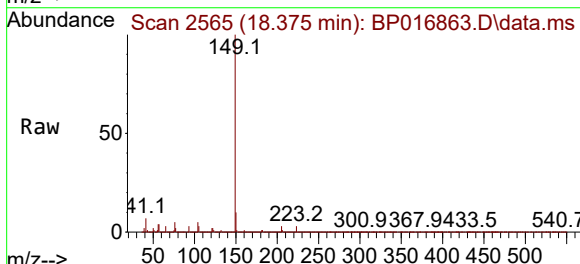
Tgt Ion:149 Resp: 7292754

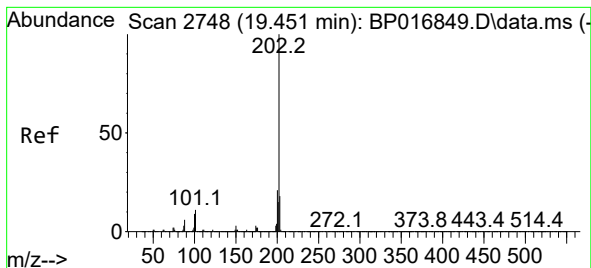
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.1 4.1 6.1

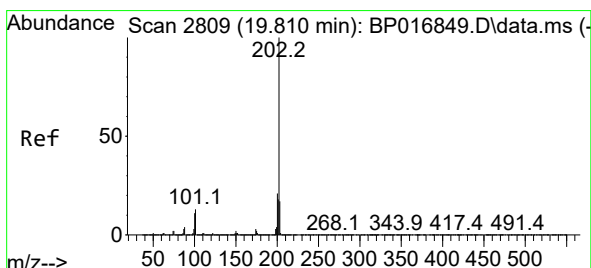
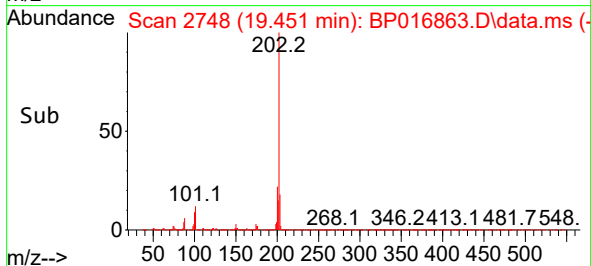
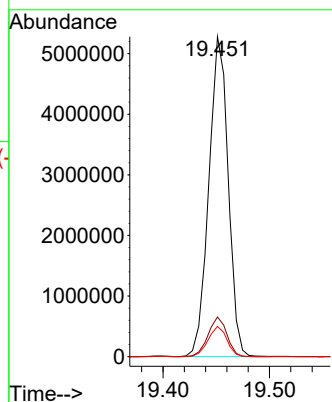
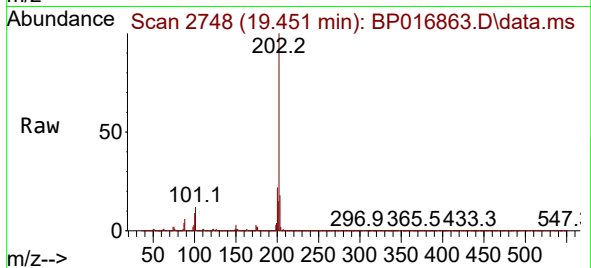




#80
Fluoranthene
Concen: 57.977 ng/ul
RT: 19.451 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

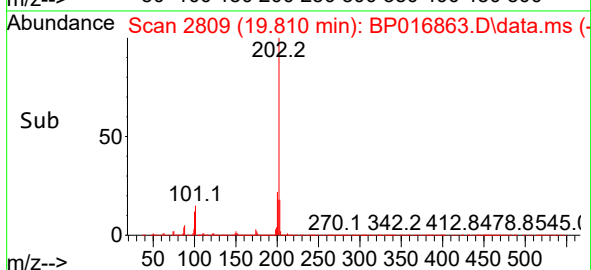
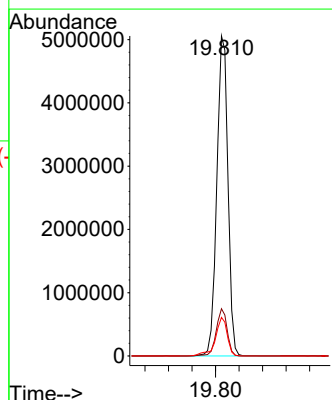
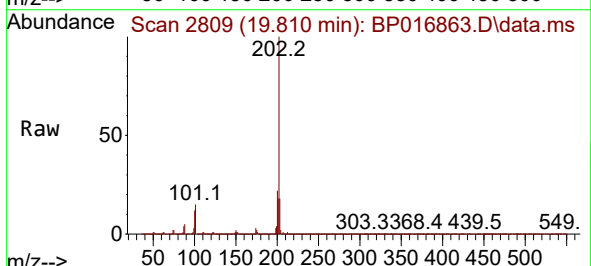
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

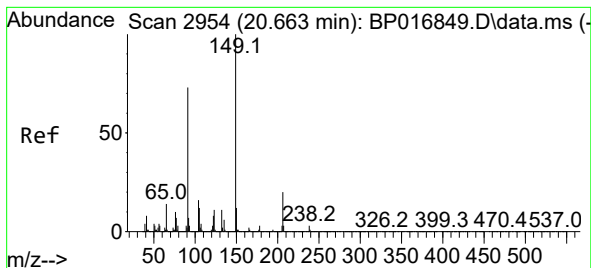
Tgt Ion:202 Resp: 6677544
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.5 7.4 11.2



#82
Pyrene
Concen: 55.573 ng/ul
RT: 19.810 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:202 Resp: 6611597
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.2
100 12.1 9.4 14.2





#83

Butylbenzylphthalate

Concen: 58.337 ng/ul

RT: 20.669 min Scan# 2954

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

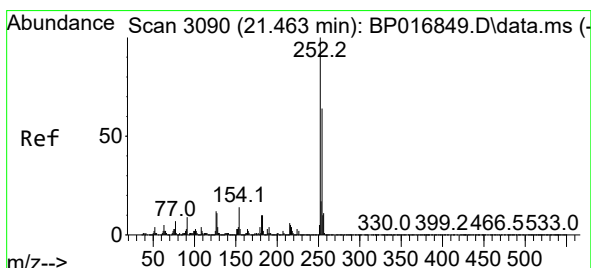
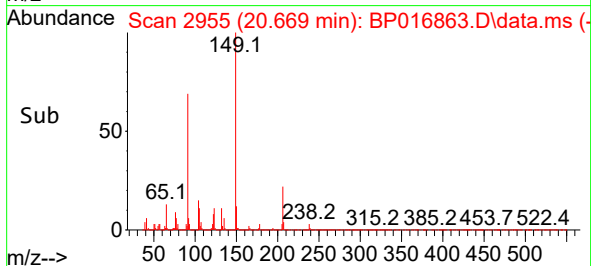
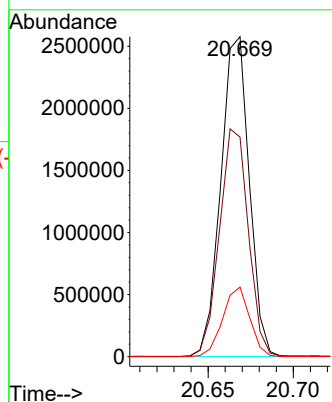
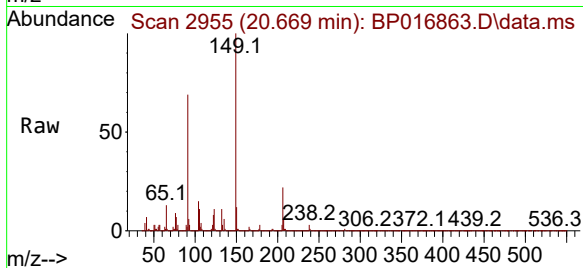
Tgt Ion:149 Resp: 2993197

Ion Ratio Lower Upper

149 100

91 68.6 58.5 87.7

206 21.7 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 36.077 ng/ul

RT: 21.463 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

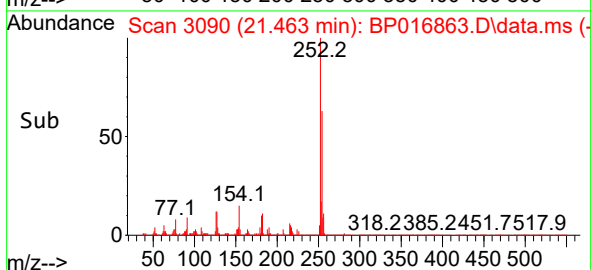
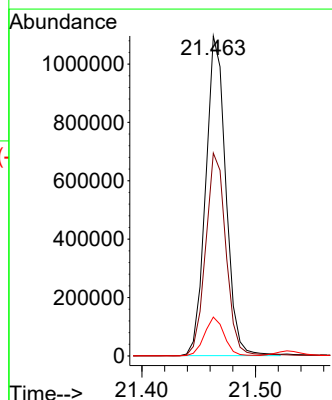
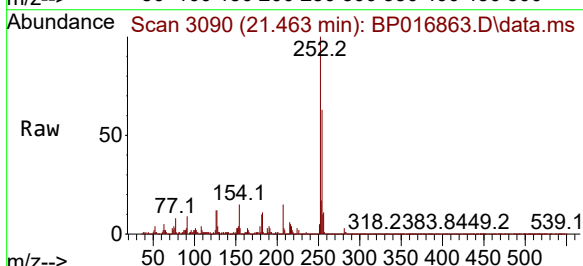
Tgt Ion:252 Resp: 1346176

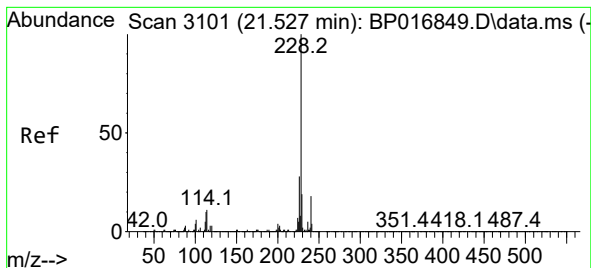
Ion Ratio Lower Upper

252 100

254 63.4 52.1 78.1

126 12.2 9.6 14.4





#85

Benzo(a)anthracene

Concen: 46.397 ng/ul

RT: 21.528 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

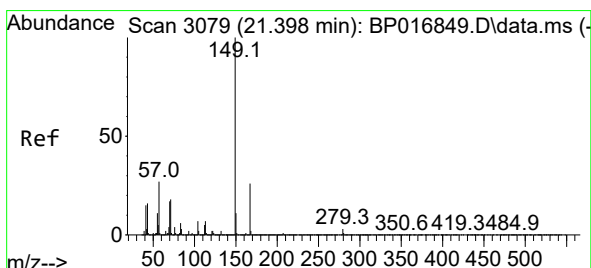
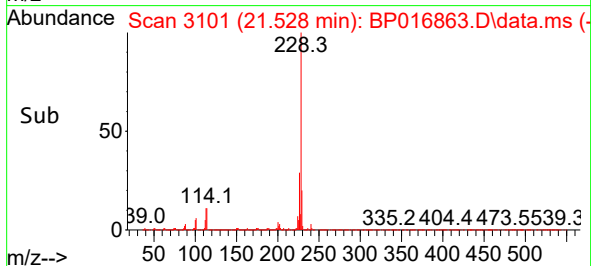
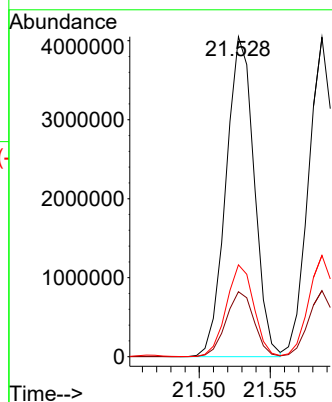
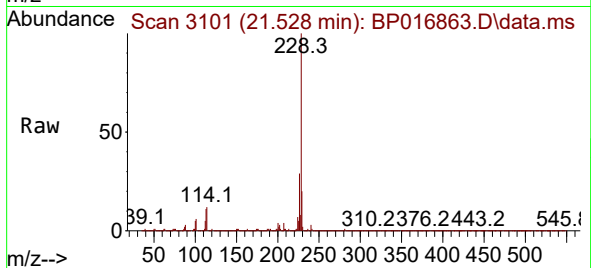
Tgt Ion:228 Resp: 5579134

Ion Ratio Lower Upper

228 100

229 20.3 16.2 24.4

226 28.7 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 56.314 ng/ul

RT: 21.404 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

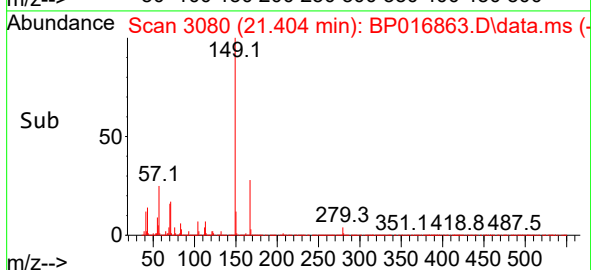
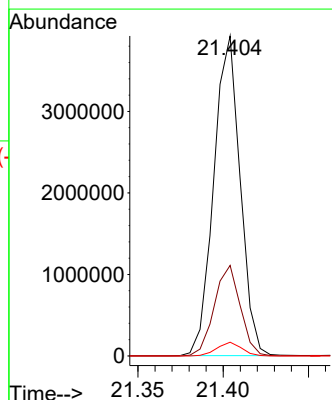
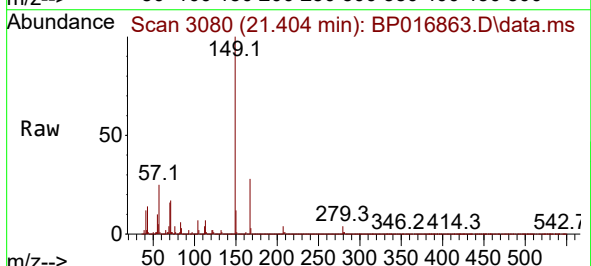
Tgt Ion:149 Resp: 4218905

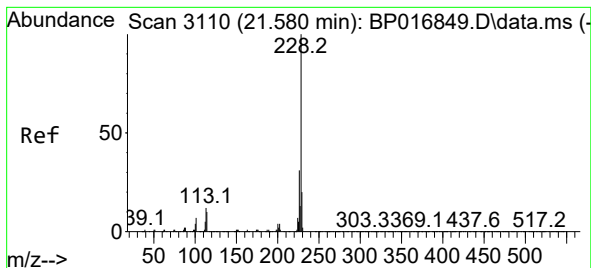
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 4.3 3.0 4.4





#87

Chrysene

Concen: 46.803 ng/ul

RT: 21.586 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

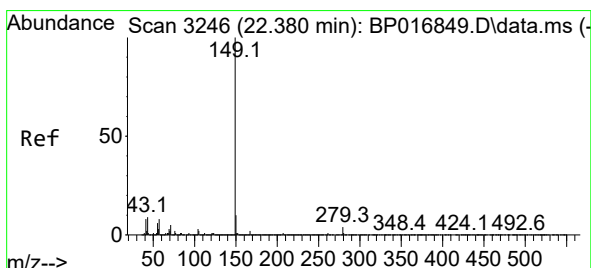
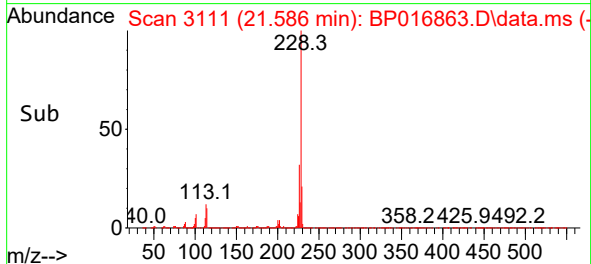
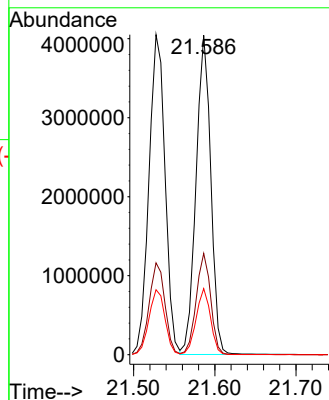
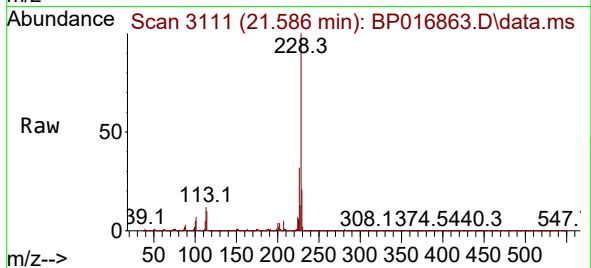
Tgt Ion:228 Resp: 5112205

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.4

229 20.7 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 50.032 ng/ul

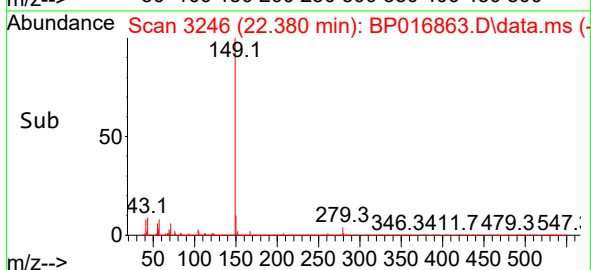
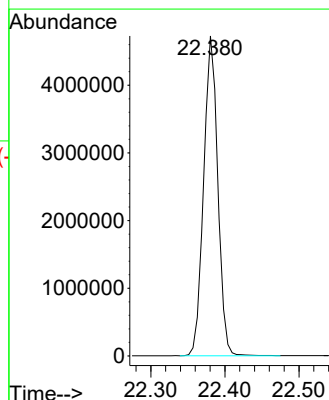
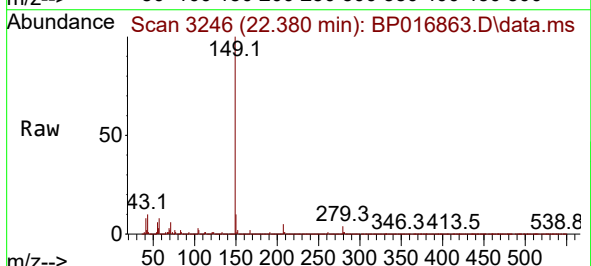
RT: 22.380 min Scan# 3246

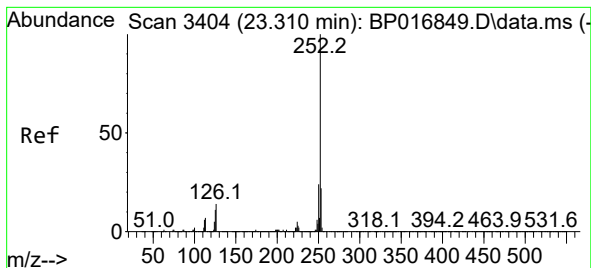
Delta R.T. 0.000 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Tgt Ion:149 Resp: 6262752





#90

Benzo(b)fluoranthene

Concen: 46.901 ng/ul

RT: 23.316 min Scan# 3404

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

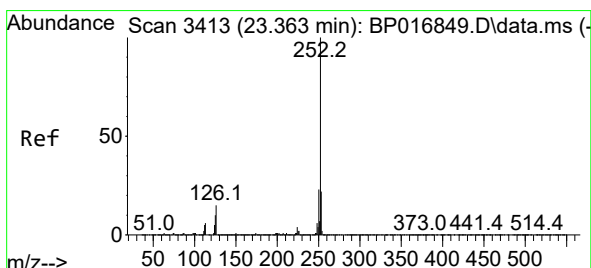
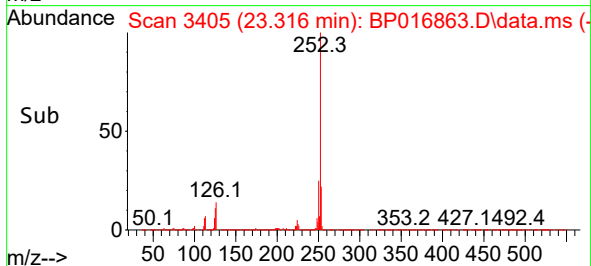
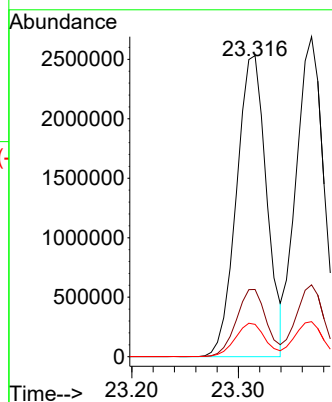
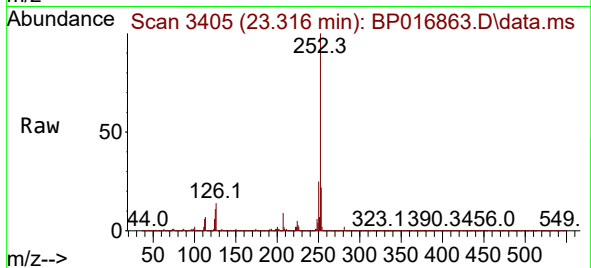
Tgt Ion:252 Resp: 4978163

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.7 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 46.129 ng/ul

RT: 23.369 min Scan# 3414

Delta R.T. 0.006 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

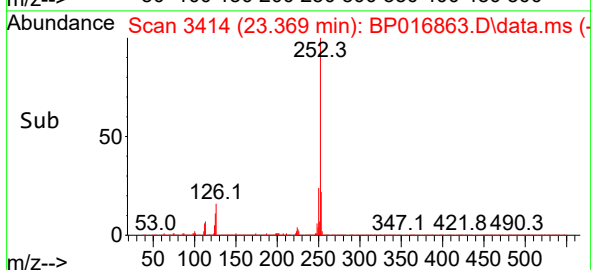
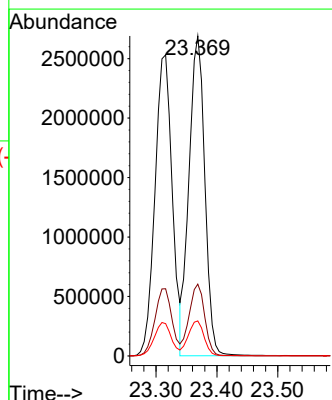
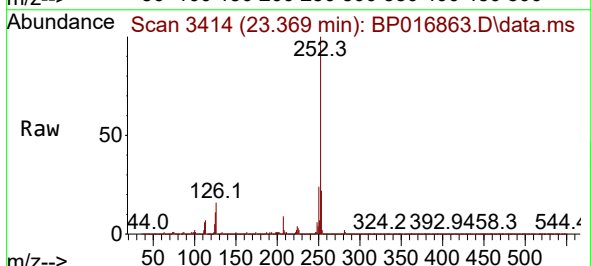
Tgt Ion:252 Resp: 4842320

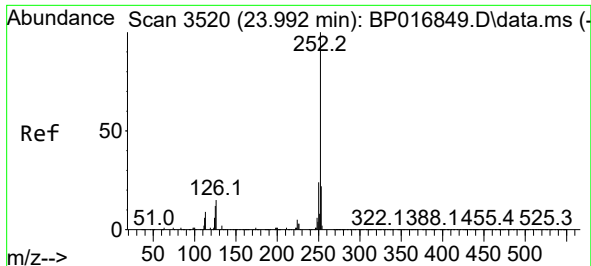
Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 10.9 8.9 13.3

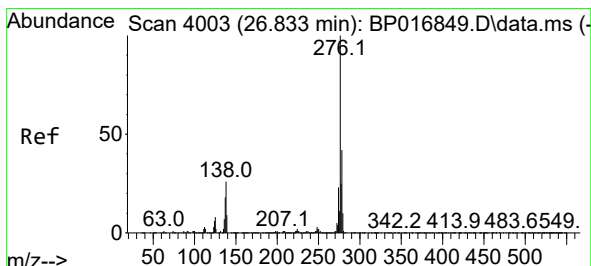
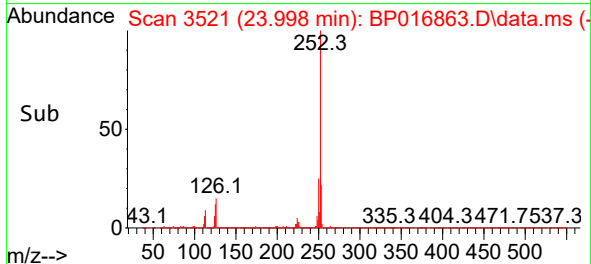
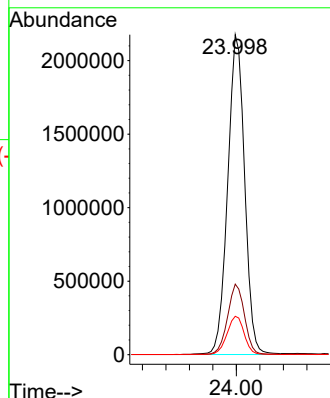
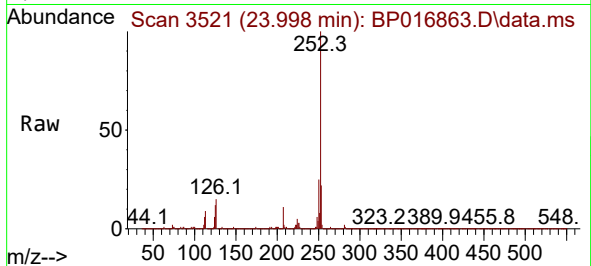




#93
Benzo(a)pyrene
Concen: 45.314 ng/ul
RT: 23.998 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

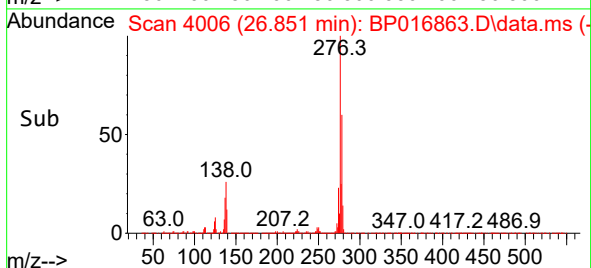
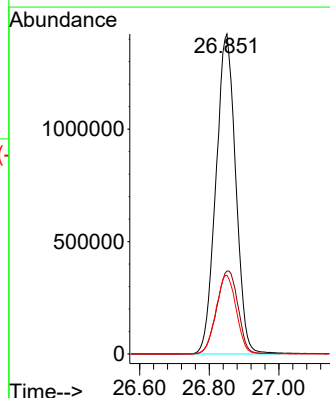
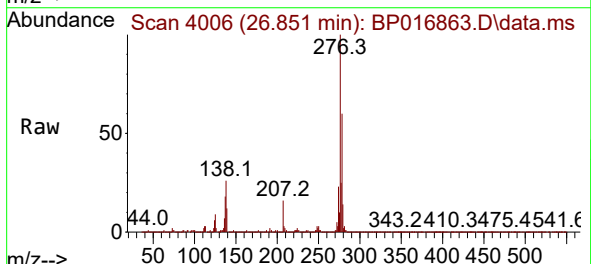
Instrument :
BNA_P
ClientSampleId :
DCHI9MSD

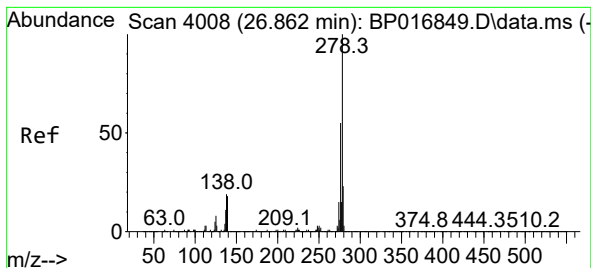
Tgt Ion:252 Resp: 4350517
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 12.0 9.9 14.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 57.227 ng/ul
RT: 26.851 min Scan# 4006
Delta R.T. 0.018 min
Lab File: BP016863.D
Acq: 30 Aug 2023 09:14

Tgt Ion:276 Resp: 5614368
Ion Ratio Lower Upper
276 100
138 25.9 20.9 31.3
277 24.6 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 56.510 ng/ul

RT: 26.874 min Scan# 4008

Delta R.T. 0.012 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Instrument :

BNA_P

ClientSampleId :

DCHI9MSD

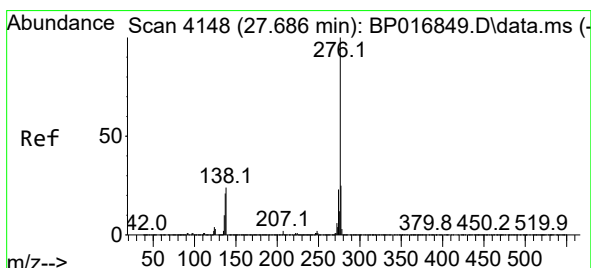
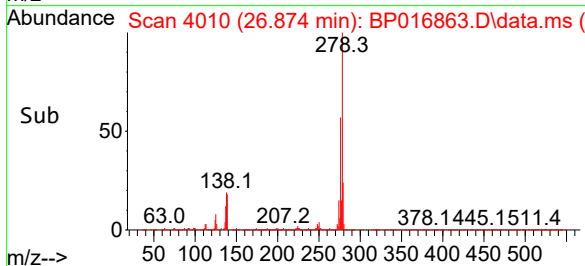
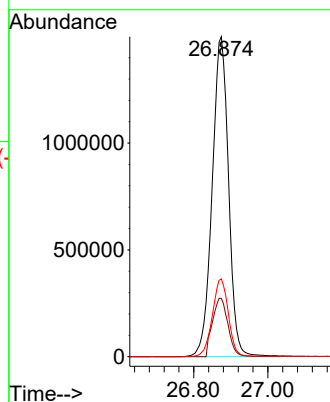
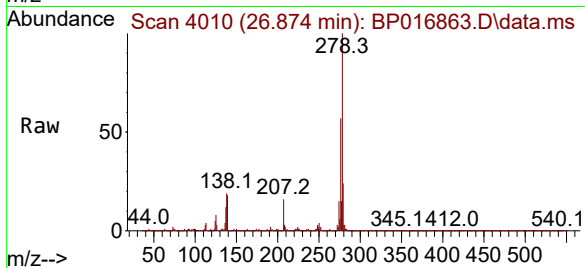
Tgt Ion:278 Resp: 4604718

Ion Ratio Lower Upper

278 100

139 18.2 15.0 22.6

279 24.3 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 60.048 ng/ul

RT: 27.704 min Scan# 4151

Delta R.T. 0.018 min

Lab File: BP016863.D

Acq: 30 Aug 2023 09:14

Tgt Ion:276 Resp: 4466333

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.4

277 23.8 19.3 28.9

