

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021072.D
 Acq On : 19 Jul 2024 10:42
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 20 00:33:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	186594	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	735421	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	479476	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1040315	20.000	ng/u1	-0.01
79) Chrysene-d12	21.563	240	1045438	20.000	ng/u1	-0.02
88) Perylene-d12	24.862	264	1293989	20.000	ng/u1	-0.05

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	31320	7.638	ng/uL	0.00
4) Pyridine-d5	3.652	84	215789	18.178	ng/u1	0.00
7) Phenol-d5	6.904	99	274449	18.041	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	157981	17.136	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	232314	18.535	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	221350	17.519	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	109412	19.154	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	124450	19.035	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	221658	18.750	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.593	131	298943	19.088	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	624834	17.926	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	747015	19.087	ng/u1	0.00
54) 4-Nitrophenol-d4	14.586	143	95074	19.171	ng/u1	-0.02
60) Fluorene-d10	15.310	176	551916	19.301	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	97150	15.434	ng/u1	0.00
73) Anthracene-d10	17.216	188	875453	18.947	ng/u1	-0.01
81) Pyrene-d10	19.598	212	1086505	16.810	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.656	264	1183242	18.540	ng/u1	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.269	88	33306	7.385	ng/uL	95
5) Pyridine	3.669	79	225583	18.424	ng/u1	99
6) Benzaldehyde	6.857	77	169635	22.119	ng/u1	98
8) Phenol	6.928	94	278479	18.091	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.122	93	218991	17.221	ng/u1	99
12) 2-Chlorophenol	7.269	128	232604	18.516	ng/u1	99
13) 2-Methylphenol	8.146	108	213750	17.955	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.199	45	308544	16.794	ng/u1	97
16) Acetophenone	8.504	105	338873	17.378	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.481	70	166064	16.253	ng/u1	100
18) 4-Methylphenol	8.469	108	227081	17.805	ng/u1	99
19) Hexachloroethane	8.740	117	97130	17.206	ng/u1	100
22) Nitrobenzene	8.875	77	259690	18.979	ng/u1	99
23) Isophorone	9.381	82	474116	17.429	ng/u1	99
25) 2-Nitrophenol	9.581	139	130112	19.082	ng/u1	99
26) 2,4-Dimethylphenol	9.646	107	251419	18.699	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.863	93	281782	17.042	ng/u1	99
29) 2,4-Dichlorophenol	10.110	162	219275	18.821	ng/u1	98
30) Naphthalene	10.493	128	724806	18.737	ng/u1	99
32) 4-Chloroaniline	10.616	127	287549	19.227	ng/u1	100
33) Hexachlorobutadiene	10.751	225	153190	17.536	ng/u1	99
34) Caprolactam	11.428	113	70521	19.649	ng/u1	99
35) 4-Chloro-3-methylphenol	11.769	107	236601	18.682	ng/u1	97
36) 2-Methylnaphthalene	12.110	142	484612	18.250	ng/u1	98

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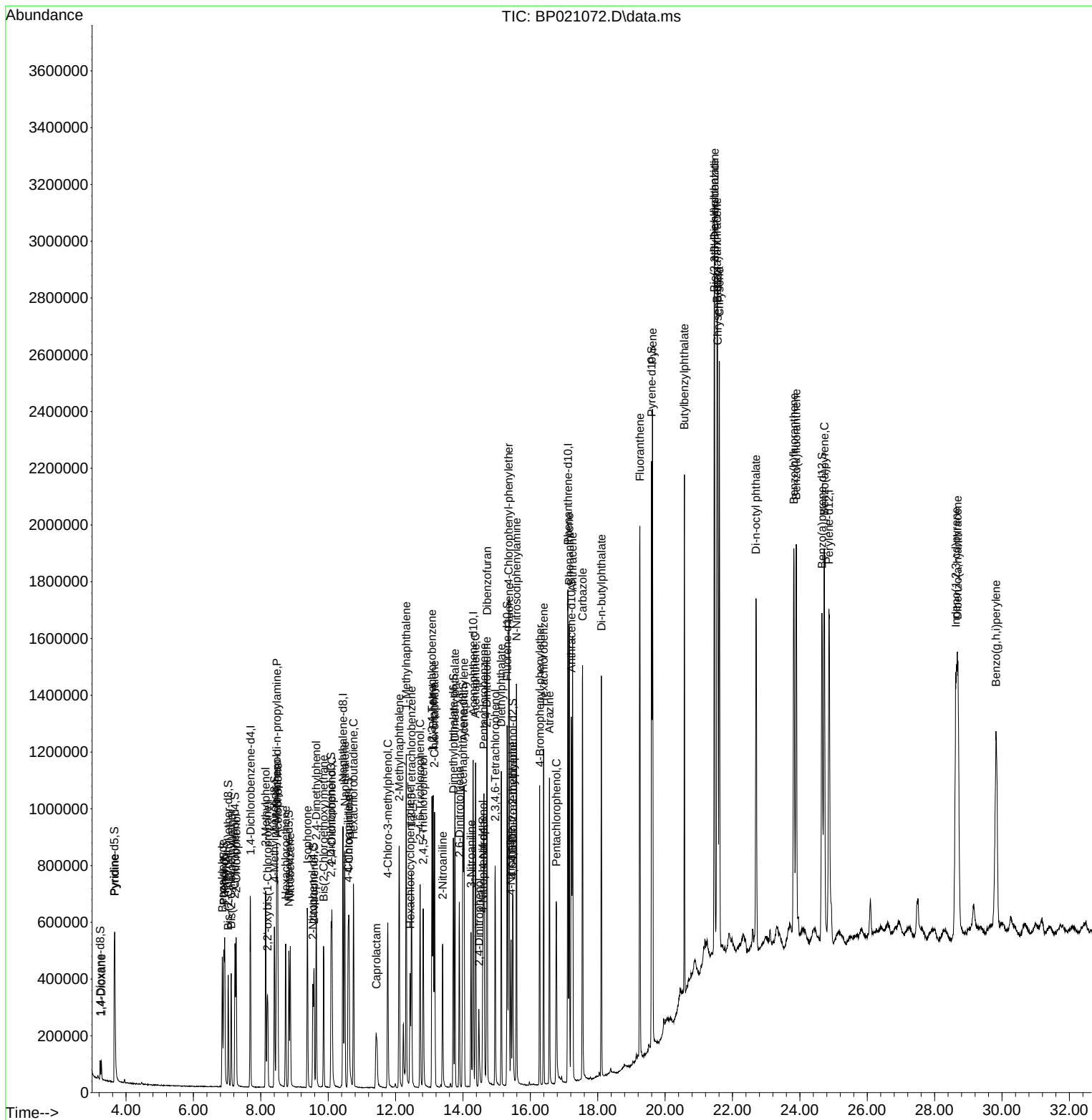
Instrument :
 BNA_P
 ClientSampleId :

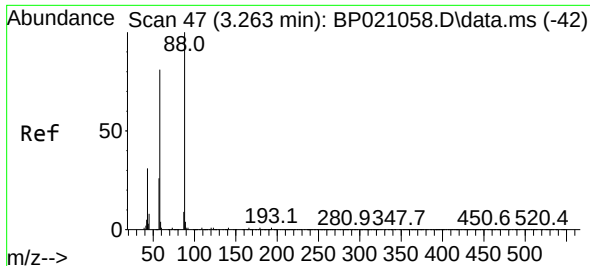
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.316	142	494998	18.125	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.475	216	285406	18.329	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	132360	16.249	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	182060	18.503	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	190375	18.287	ng/ul	98
43) 1,1'-Biphenyl	13.116	154	632261	18.044	ng/ul	98
44) 2-Chloronaphthalene	13.157	162	512782	18.331	ng/ul	99
45) 2-Nitroaniline	13.398	65	154303	19.946	ng/ul	98
47) Dimethylphthalate	13.763	163	625936	17.699	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	132831	18.786	ng/ul	99
50) Acenaphthylene	14.034	152	840634	18.971	ng/ul	98
51) 3-Nitroaniline	14.239	138	137078	22.278	ng/ul	94
52) Acenaphthene	14.375	153	548684	18.656	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	76265	20.539	ng/ul	97
55) 4-Nitrophenol	14.598	109	91740	22.742	ng/ul	98
56) Dibenzofuran	14.716	168	757224	18.801	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	201235	20.732	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.957	232	160317	17.984	ng/ul	100
59) Diethylphthalate	15.139	149	627360	17.750	ng/ul	100
61) Fluorene	15.375	166	619192	18.840	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	320268	17.958	ng/ul	96
63) 4-Nitroaniline	15.428	138	140783	27.629	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.486	198	106451	15.948	ng/ul	96
67) N-Nitrosodiphenylamine	15.592	169	530913	17.525	ng/ul	99
68) 4-Bromophenyl-phenylether	16.280	248	205345	16.840	ng/ul	96
69) Hexachlorobenzene	16.398	284	247056	17.670	ng/ul	94
70) Atrazine	16.569	200	202110	18.306	ng/ul	99
71) Pentachlorophenol	16.775	266	158721	20.902	ng/ul	96
72) Phenanthrene	17.157	178	1006785	18.655	ng/ul	99
74) Anthracene	17.257	178	1033247	18.780	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.081	216	282886	16.989	ng/ul	99
76) Pentachlorobenzene	14.622	250	278030	16.804	ng/ul	99
77) Carbazole	17.551	167	944199	20.994	ng/ul	98
78) Di-n-butylphthalate	18.110	149	1081069	17.422	ng/ul	99
80) Fluoranthene	19.251	202	1272722	16.306	ng/ul	100
82) Pyrene	19.627	202	1329524	16.739	ng/ul	99
83) Butylbenzylphthalate	20.574	149	522899	15.801	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	424299	17.761	ng/ul	98
85) Benzo(a)anthracene	21.539	228	1343664	18.348	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	709635	14.901	ng/ul	98
87) Chrysene	21.610	228	1259518	18.509	ng/ul	99
89) Di-n-octyl phthalate	22.698	149	1260835	14.750	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	1393910	17.751	ng/ul	98
91) Benzo(k)fluoranthene	23.892	252	1408684	17.976	ng/ul	99
93) Benzo(a)pyrene	24.727	252	1345768	18.136	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.633	276	1745071	18.250	ng/ul	99
95) Dibenzo(a,h)anthracene	28.680	278	652331	8.238	ng/ul	100
96) Benzo(g,h,i)perylene	29.821	276	1417170	18.198	ng/ul	99

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

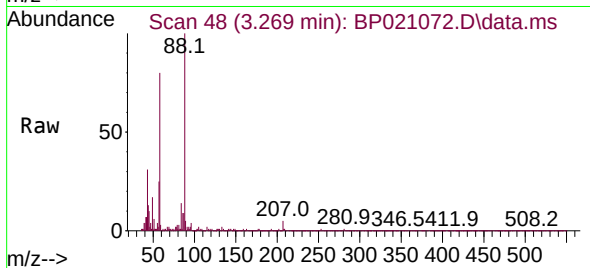
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
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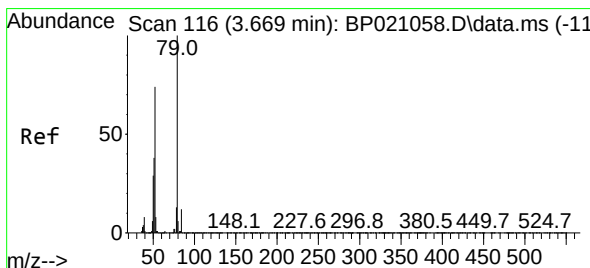
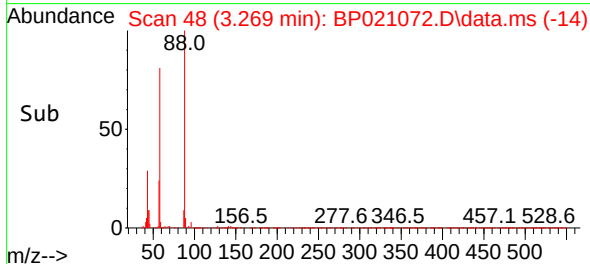
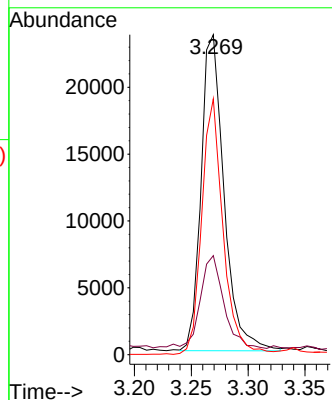


#2
1,4-Dioxane
Concen: 7.385 ng/uL
RT: 3.269 min Scan# 47
Delta R.T. -0.000 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Instrument :
BNA_P
ClientSampleId :

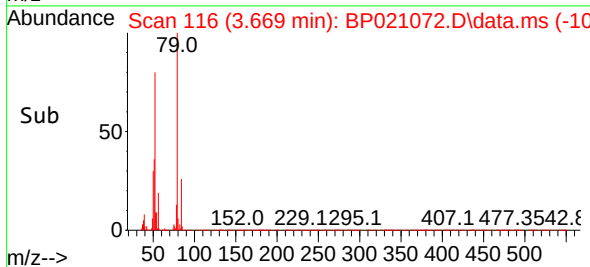
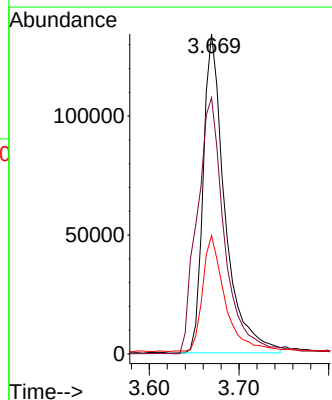
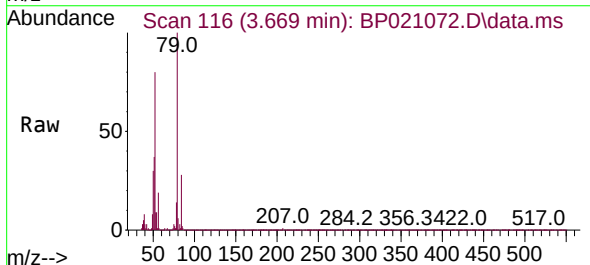


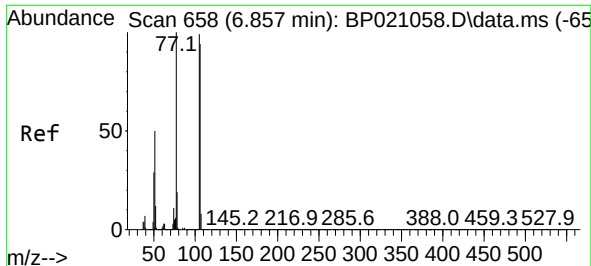
Tgt Ion: 88 Resp: 33306
Ion Ratio Lower Upper
88 100
43 30.9 25.4 38.0
58 79.9 59.2 88.8



#5
Pyridine
Concen: 18.424 ng/uL
RT: 3.669 min Scan# 116
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

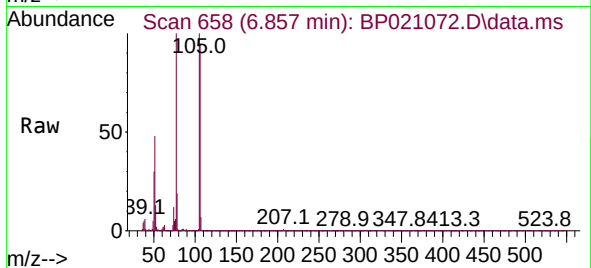
Tgt Ion: 79 Resp: 225583
Ion Ratio Lower Upper
79 100
52 80.1 64.9 97.3
51 37.0 30.5 45.7



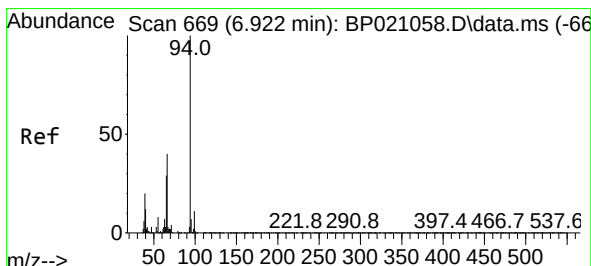
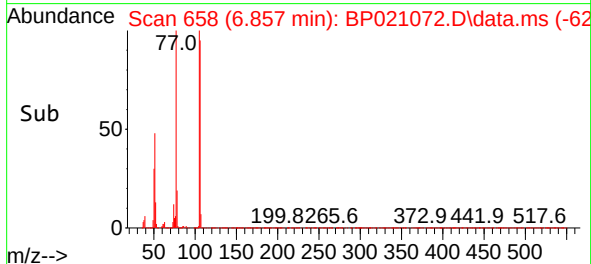
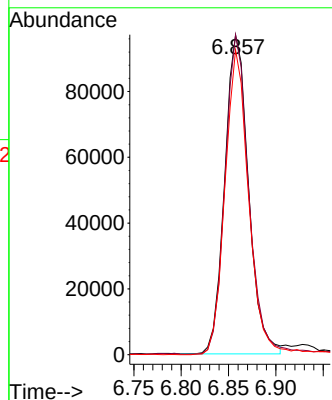


#6
Benzaldehyde
Concen: 22.119 ng/ul
RT: 6.857 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Instrument :
BNA_P
ClientSampleId :

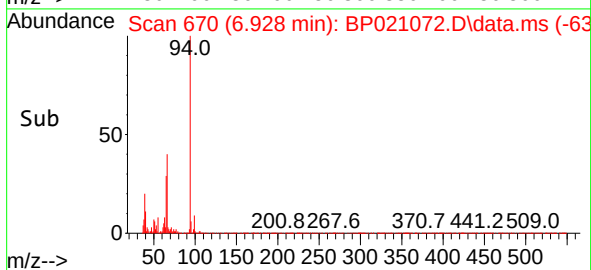
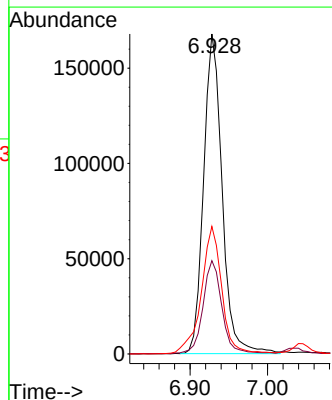
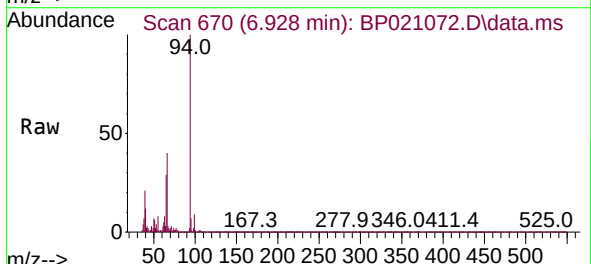


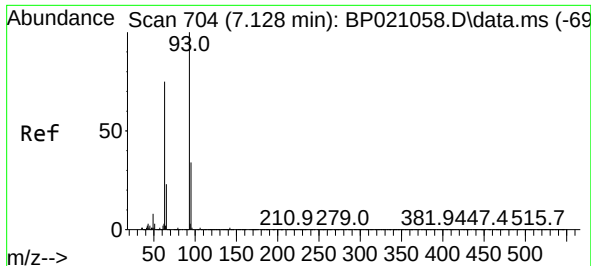
Tgt Ion: 77 Resp: 169635
Ion Ratio Lower Upper
77 100
105 100.1 79.3 118.9
106 95.3 74.6 112.0



#8
Phenol
Concen: 18.091 ng/ul
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

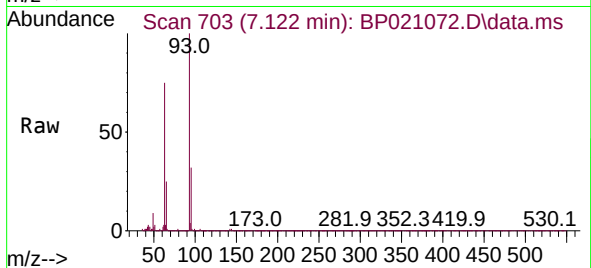
Tgt Ion: 94 Resp: 278479
Ion Ratio Lower Upper
94 100
65 29.1 23.4 35.0
66 39.9 33.9 50.9





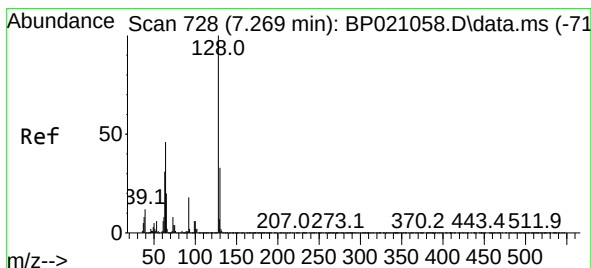
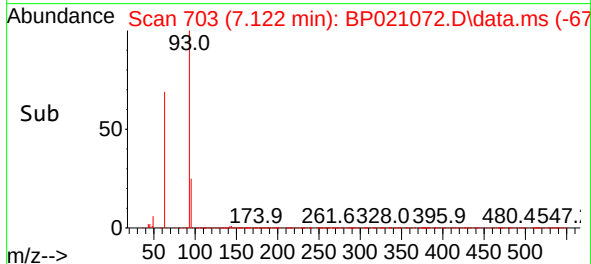
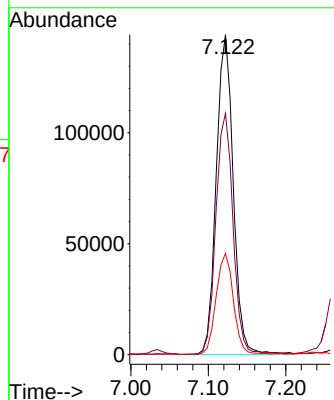
#10
Bis(2-Chloroethyl)ether
Concen: 17.221 ng/ul
RT: 7.122 min Scan# 704
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 93 Resp: 218991

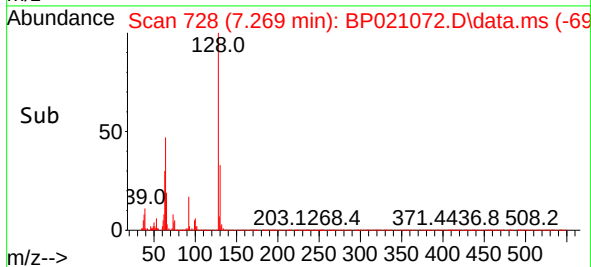
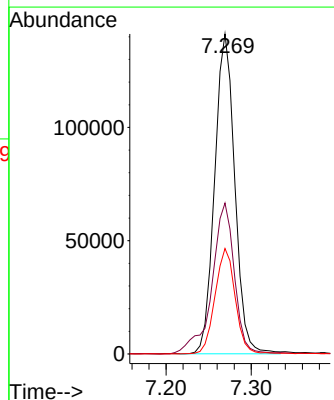
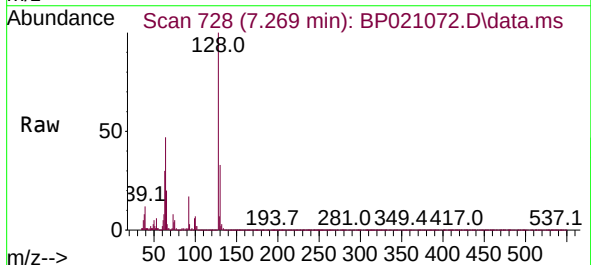
Ion	Ratio	Lower	Upper
93	100		
63	75.5	61.5	92.3
95	31.6	25.1	37.7

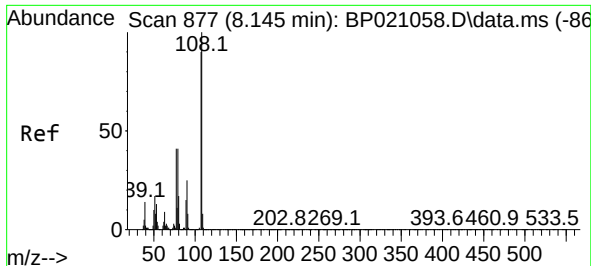


#12
2-Chlorophenol
Concen: 18.516 ng/ul
RT: 7.269 min Scan# 728
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:128 Resp: 232604

Ion	Ratio	Lower	Upper
128	100		
64	47.2	37.9	56.9
130	33.0	25.6	38.4





#13

2-Methylphenol

Concen: 17.955 ng/ul

RT: 8.146 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

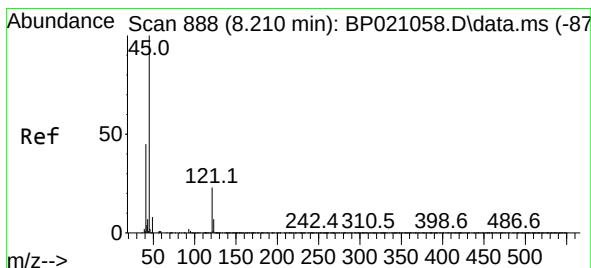
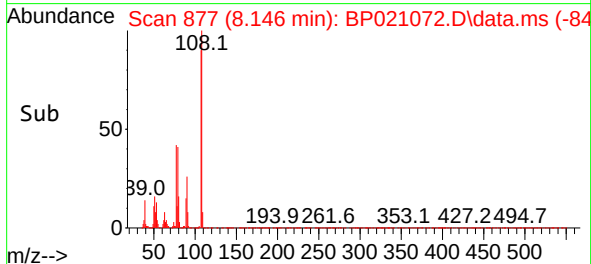
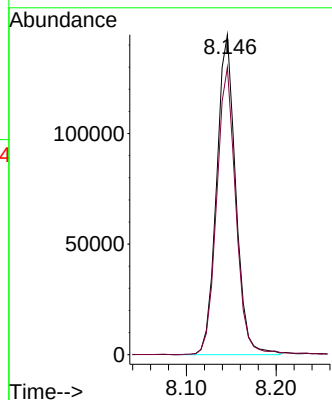
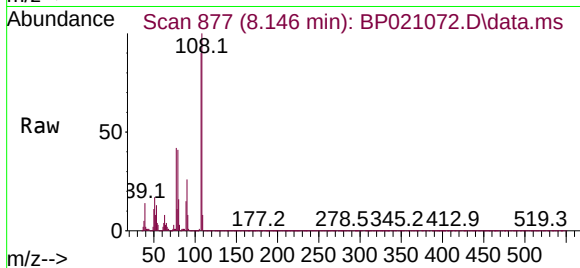
ClientSampleId :

Tgt Ion:108 Resp: 213750

Ion Ratio Lower Upper

108 100

107 89.8 73.8 110.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.794 ng/ul

RT: 8.199 min Scan# 886

Delta R.T. -0.018 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

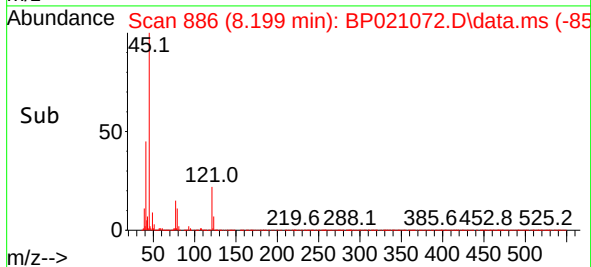
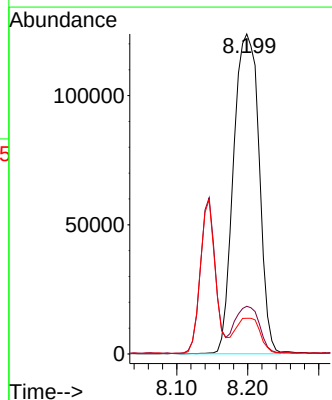
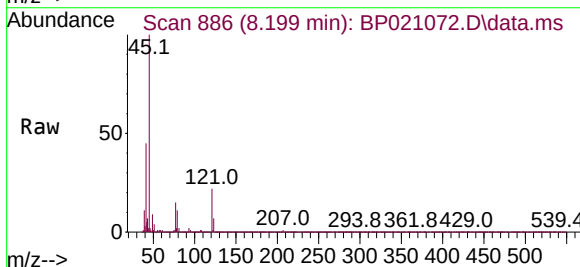
Tgt Ion: 45 Resp: 308544

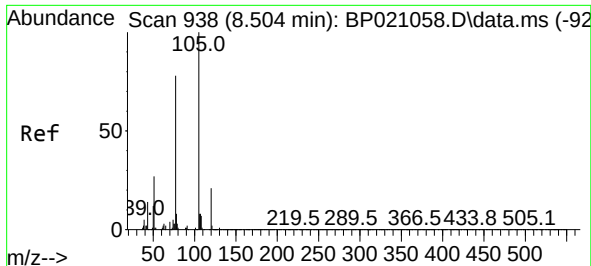
Ion Ratio Lower Upper

45 100

77 14.9 10.9 16.3

79 11.1 8.1 12.1

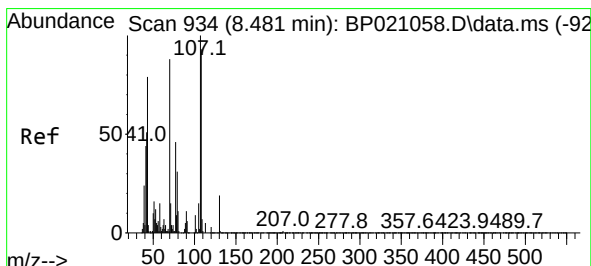
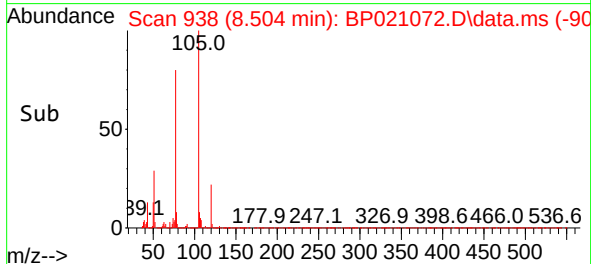
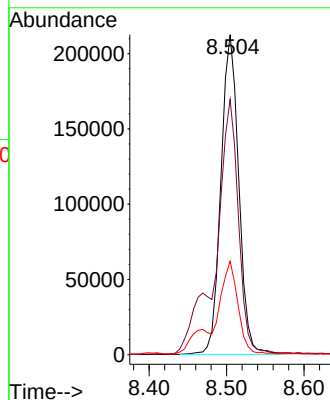
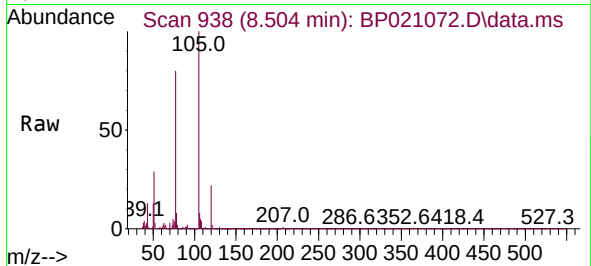




#16
Acetophenone
Concen: 17.378 ng/ul
RT: 8.504 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

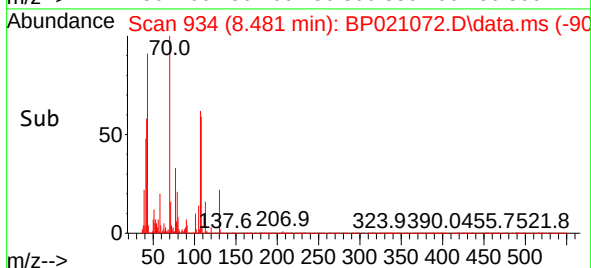
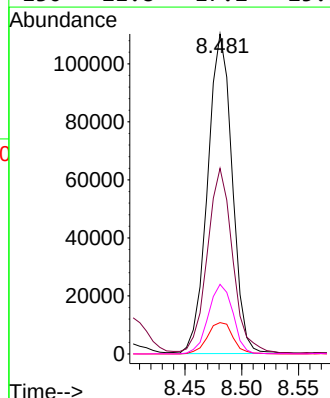
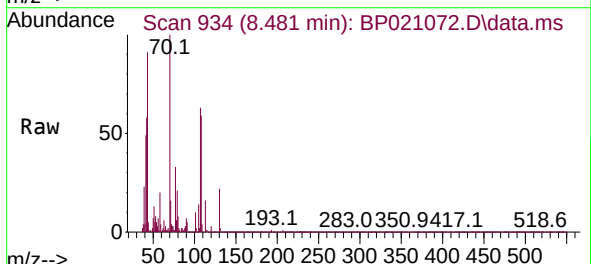
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BNA_P
ClientSampleId :

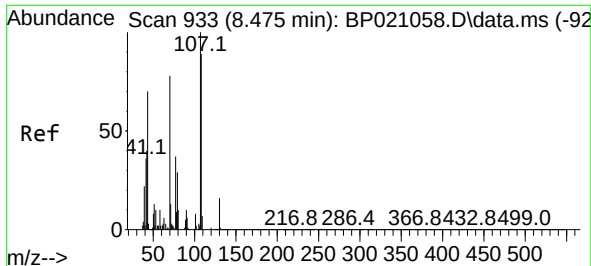
Tgt Ion:105 Resp: 338873
Ion Ratio Lower Upper
105 100
77 79.7 61.8 92.8
51 29.2 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 16.253 ng/ul
RT: 8.481 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

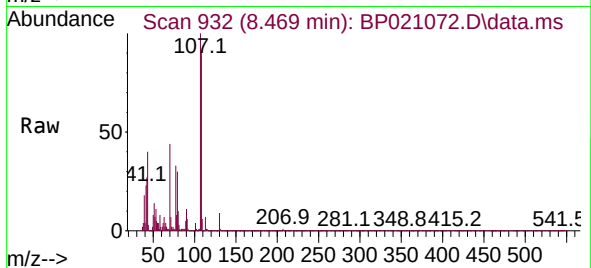
Tgt Ion: 70 Resp: 166064
Ion Ratio Lower Upper
70 100
42 58.0 46.6 69.8
101 9.8 7.4 11.0
130 21.8 17.2 25.8



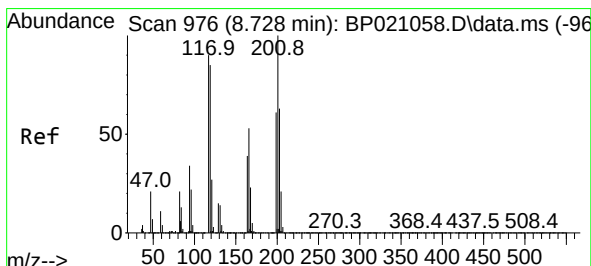
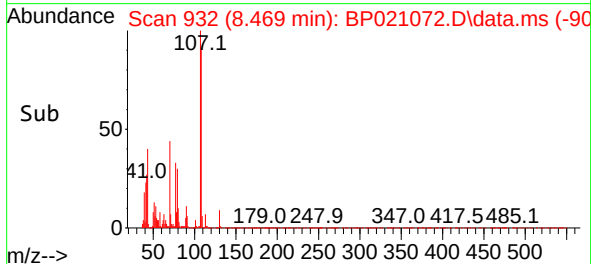
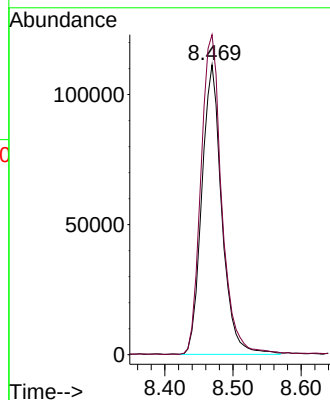


#18
4-Methylphenol
Concen: 17.805 ng/ul
RT: 8.469 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Instrument :
BNA_P
ClientSampleId :

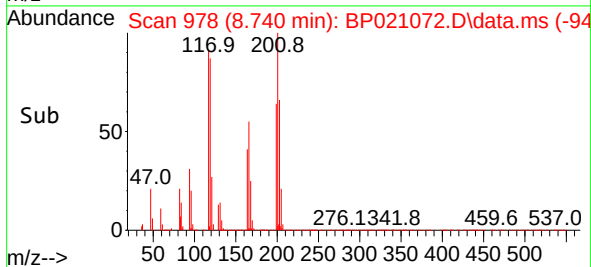
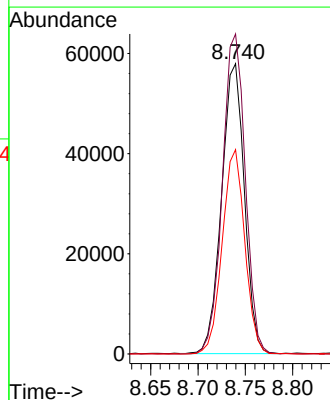
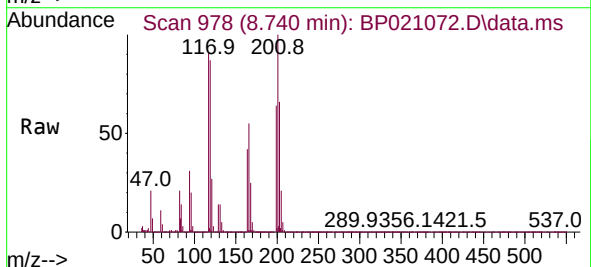


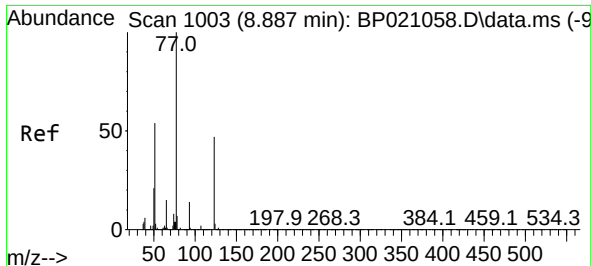
Tgt Ion:108 Resp: 227081
Ion Ratio Lower Upper
108 100
107 110.4 87.8 131.8



#19
Hexachloroethane
Concen: 17.206 ng/ul
RT: 8.740 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:117 Resp: 97130
Ion Ratio Lower Upper
117 100
201 110.2 88.2 132.2
199 70.4 55.8 83.6

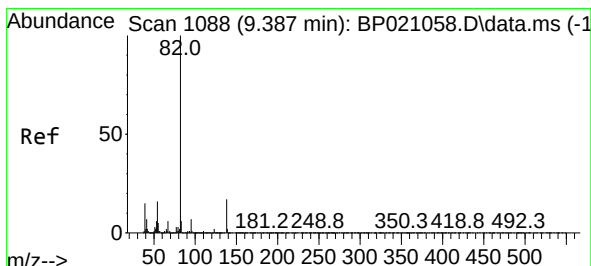
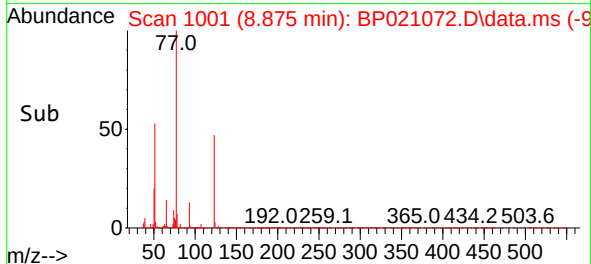
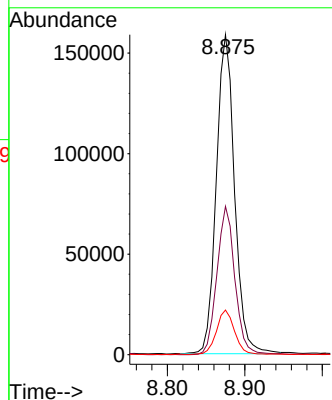
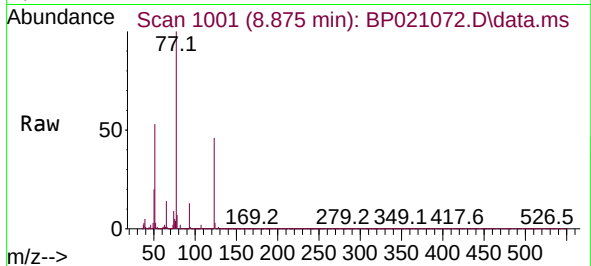




#22
Nitrobenzene
Concen: 18.979 ng/ul
RT: 8.875 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

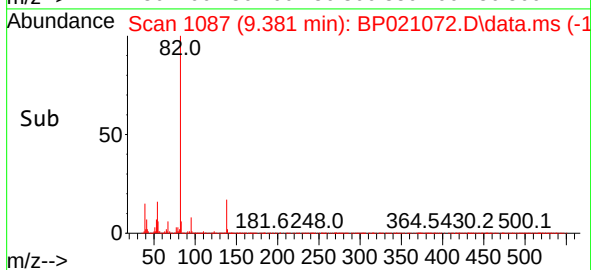
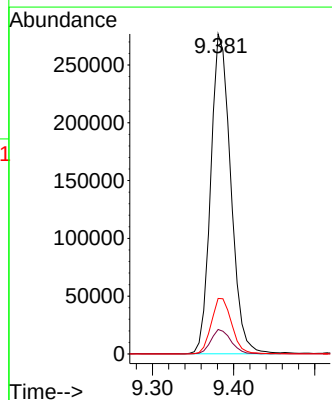
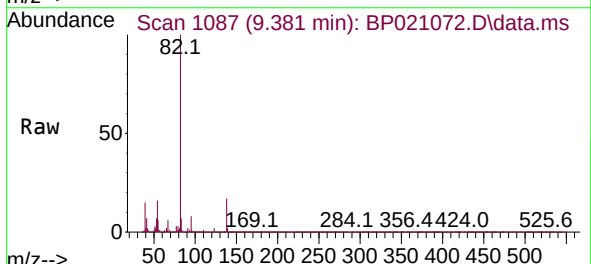
Instrument :
BNA_P
ClientSampleId :

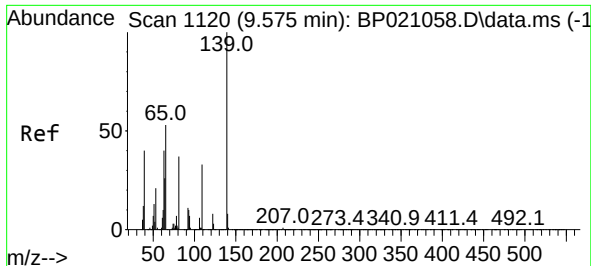
Tgt Ion: 77 Resp: 259690
Ion Ratio Lower Upper
77 100
123 46.4 36.7 55.1
65 14.0 11.1 16.7



#23
Isophorone
Concen: 17.429 ng/ul
RT: 9.381 min Scan# 1087
Delta R.T. -0.018 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion: 82 Resp: 474116
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 17.3 14.4 21.6

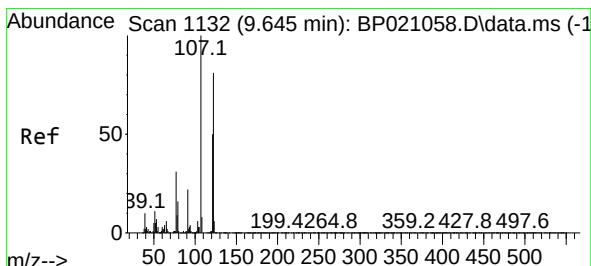
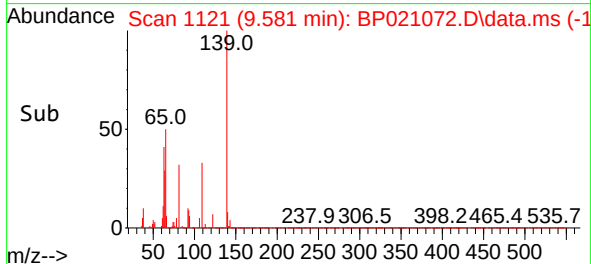
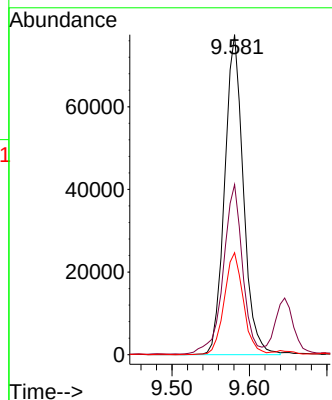
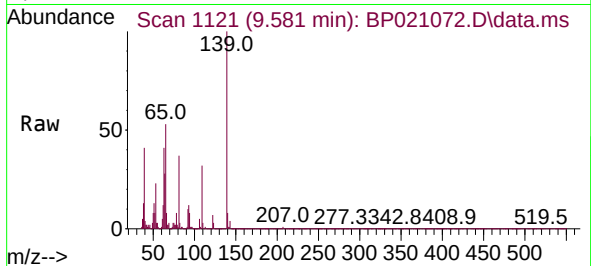




#25
2-Nitrophenol
Concen: 19.082 ng/ul
RT: 9.581 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

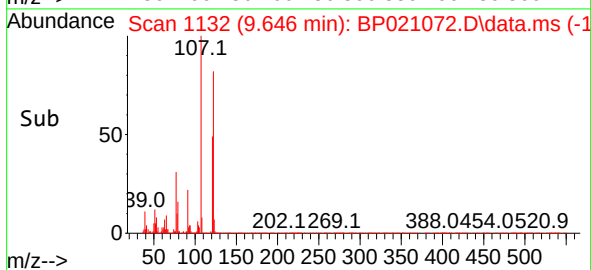
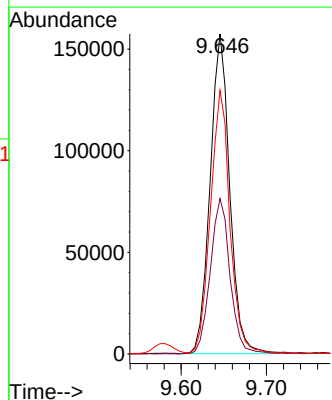
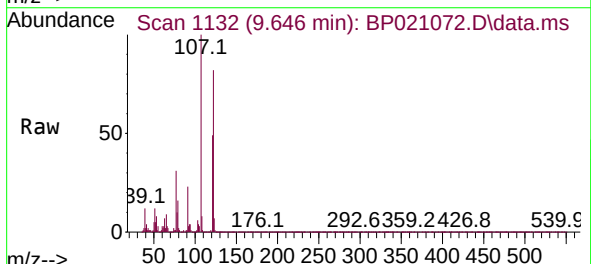
Instrument :
BNA_P
ClientSampleId :

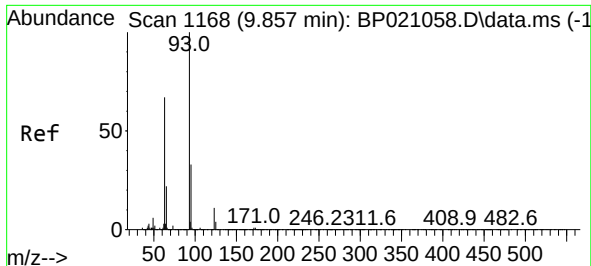
Tgt Ion:139 Resp: 130112
Ion Ratio Lower Upper
139 100
65 53.1 42.9 64.3
109 31.9 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 18.699 ng/ul
RT: 9.646 min Scan# 1132
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:107 Resp: 251419
Ion Ratio Lower Upper
107 100
121 48.6 39.6 59.4
122 82.3 66.3 99.5





#27

Bis(2-Chloroethoxy)methane

Concen: 17.042 ng/ul

RT: 9.863 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

ClientSampleId :

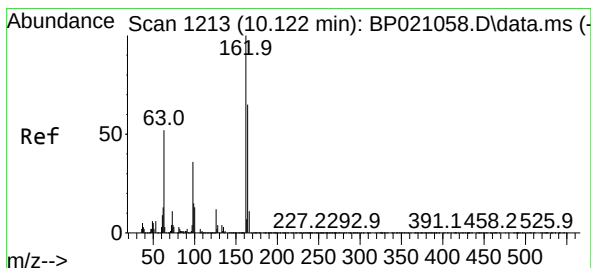
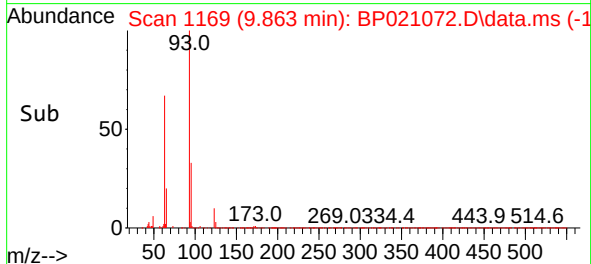
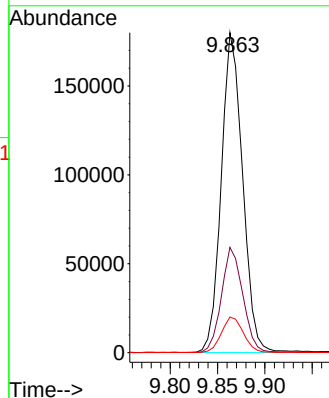
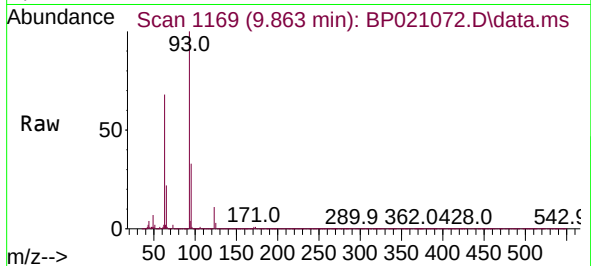
Tgt Ion: 93 Resp: 281782

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

123 11.1 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 18.821 ng/ul

RT: 10.110 min Scan# 1211

Delta R.T. -0.024 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

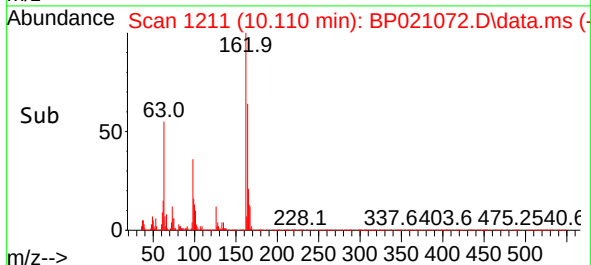
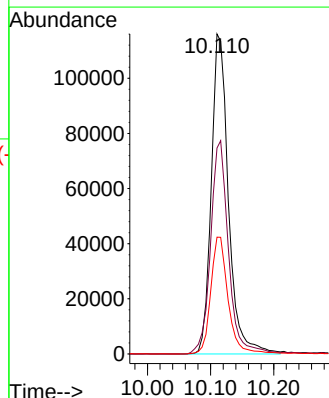
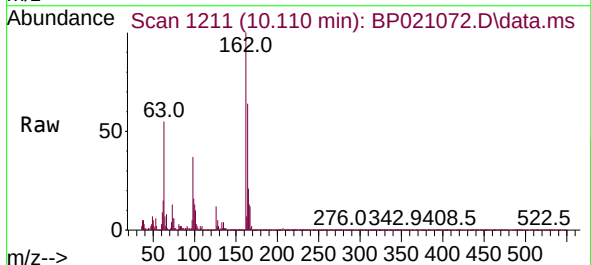
Tgt Ion:162 Resp: 219275

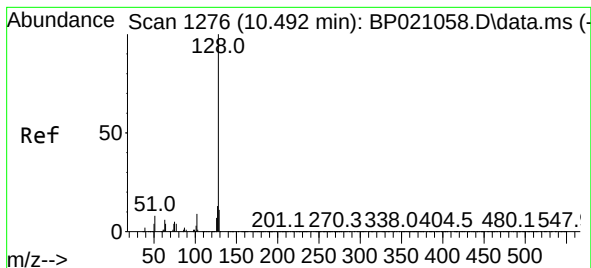
Ion Ratio Lower Upper

162 100

164 64.3 53.3 79.9

98 36.5 28.7 43.1

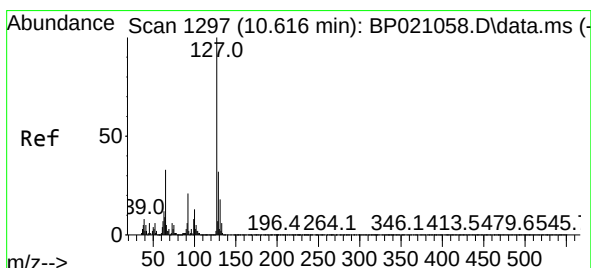
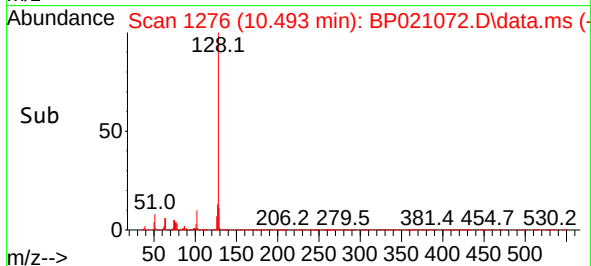
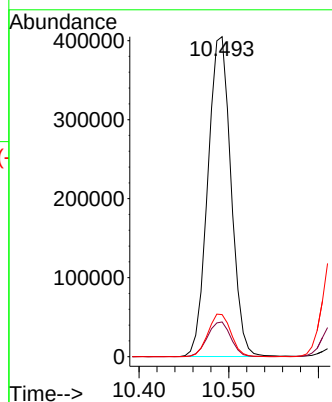
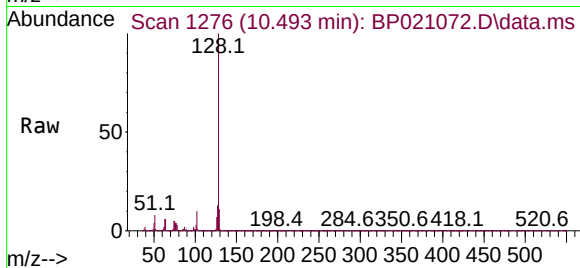




#30
Naphthalene
Concen: 18.737 ng/ul
RT: 10.493 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

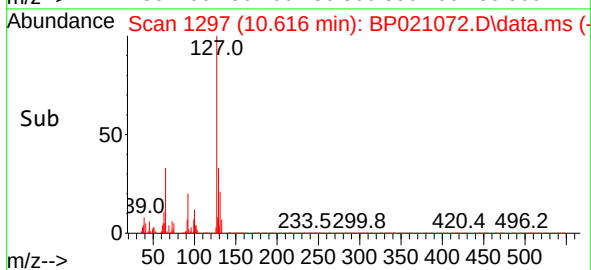
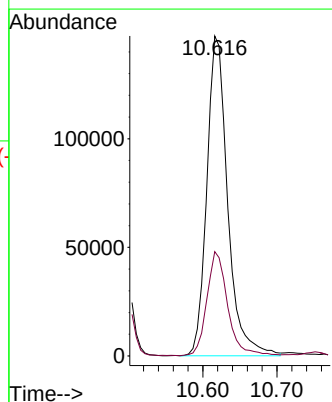
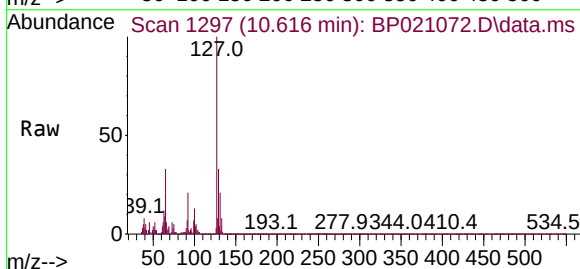
Instrument :
BNA_P
ClientSampleId :

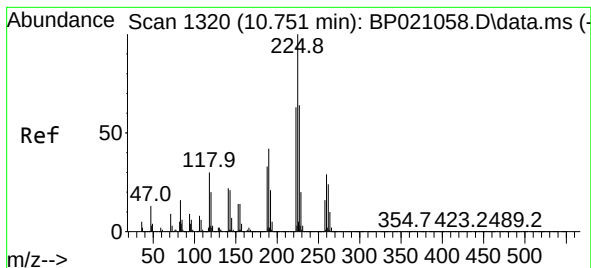
Tgt Ion:128 Resp: 724806
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.8 16.2



#32
4-Chloroaniline
Concen: 19.227 ng/ul
RT: 10.616 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:127 Resp: 287549
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1

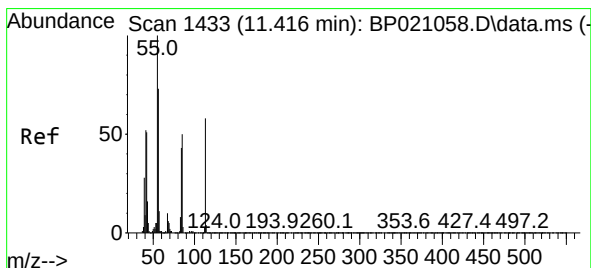
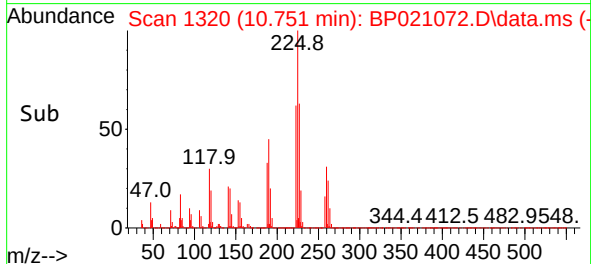
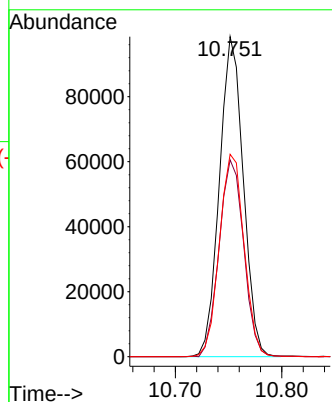
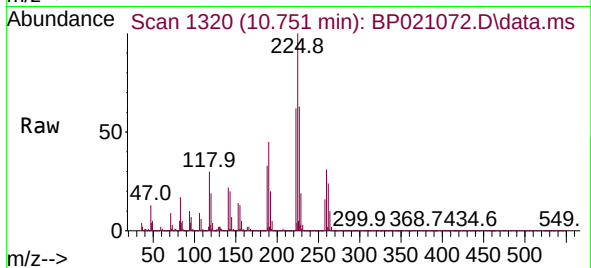




#33
Hexachlorobutadiene
Concen: 17.536 ng/ul
RT: 10.751 min Scan# 111
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

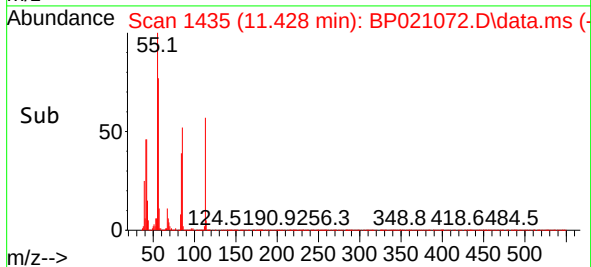
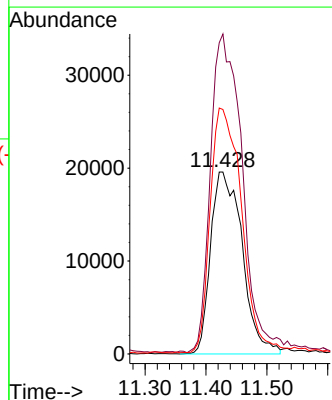
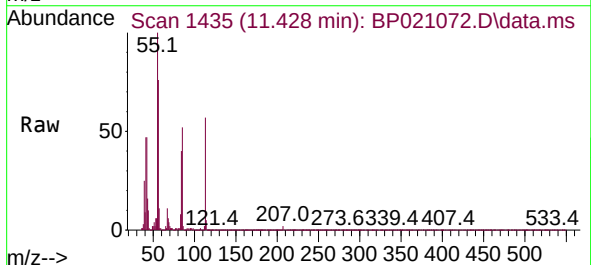
Instrument :
BNA_P
ClientSampleId :

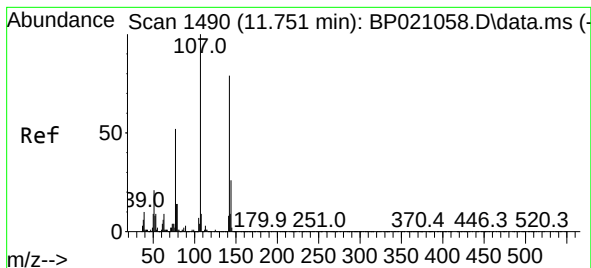
Tgt Ion:225 Resp: 153190
Ion Ratio Lower Upper
225 100
223 61.5 50.2 75.2
227 63.3 50.6 75.8



#34
Caprolactam
Concen: 19.649 ng/ul
RT: 11.428 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:113 Resp: 70521
Ion Ratio Lower Upper
113 100
55 175.9 140.2 210.4
56 134.4 105.5 158.3

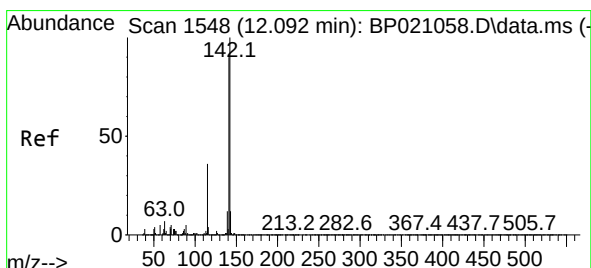
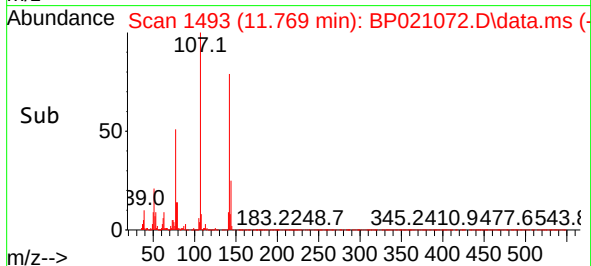
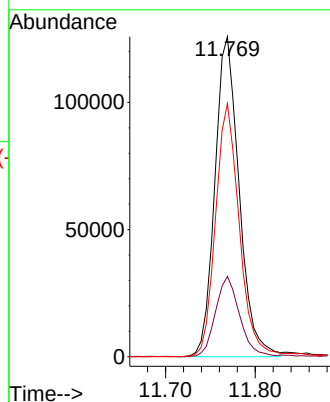
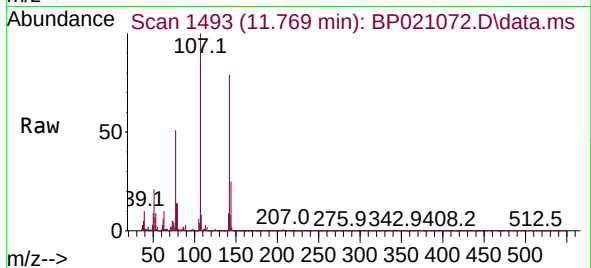




#35
4-Chloro-3-methylphenol
Concen: 18.682 ng/ul
RT: 11.769 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

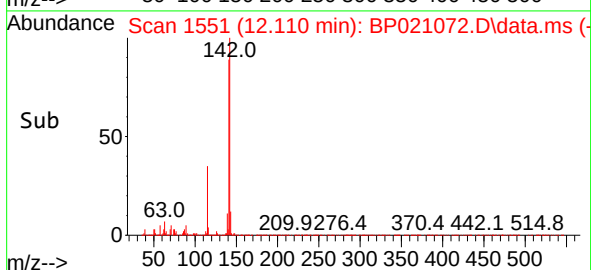
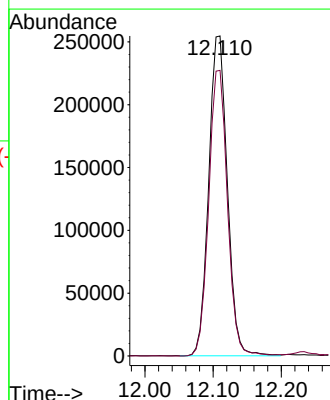
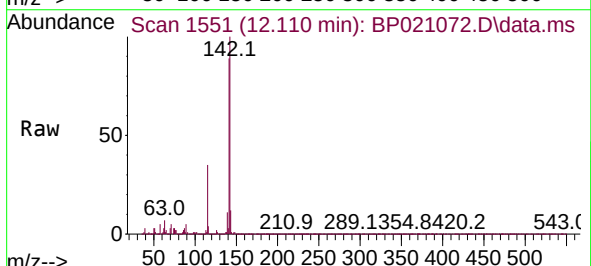
Instrument :
BNA_P
ClientSampleId :

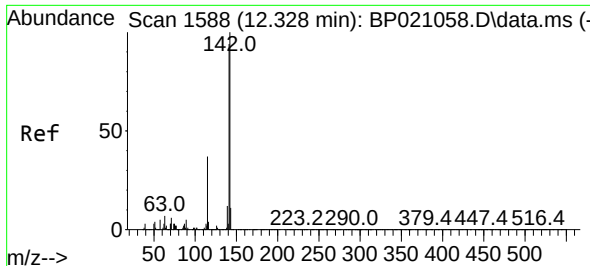
Tgt Ion:107 Resp: 236601
Ion Ratio Lower Upper
107 100
144 25.1 19.3 28.9
142 79.0 60.7 91.1



#36
2-Methylnaphthalene
Concen: 18.250 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:142 Resp: 484612
Ion Ratio Lower Upper
142 100
141 89.3 72.6 108.8

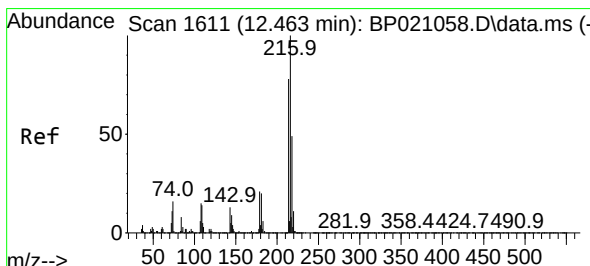
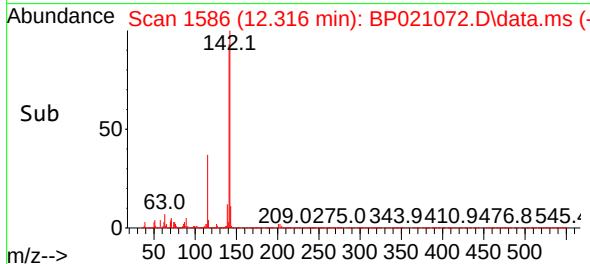
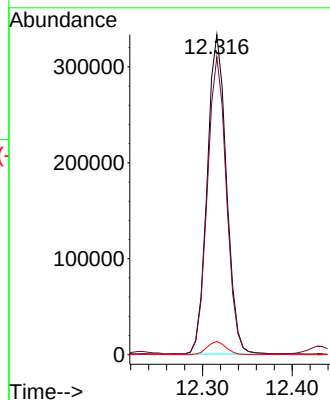
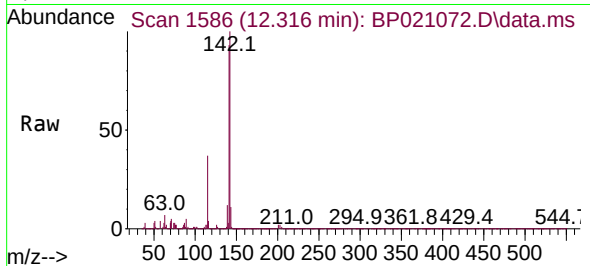




#37
1-Methylnaphthalene
Concen: 18.125 ng/ul
RT: 12.316 min Scan# 1588
Delta R.T. -0.024 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

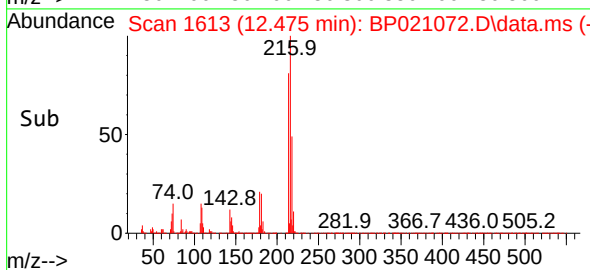
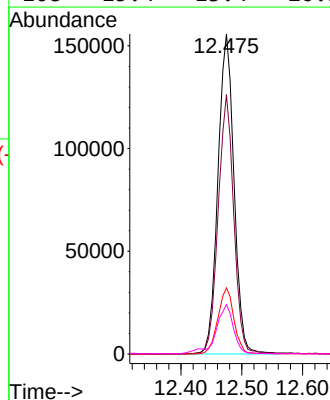
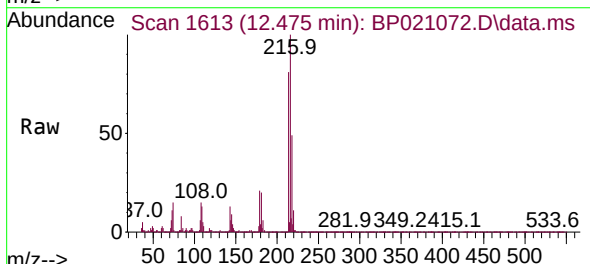
Instrument :
BNA_P
ClientSampleId :

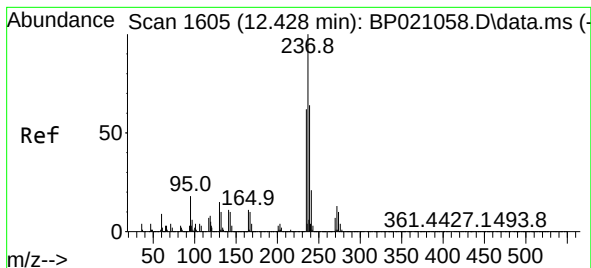
Tgt Ion:142 Resp: 494998
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.6
116 4.1 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.329 ng/ul
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:216 Resp: 285406
Ion Ratio Lower Upper
216 100
214 81.1 64.2 96.4
179 20.6 16.6 24.8
108 15.4 13.4 20.2





#40

Hexachlorocyclopentadiene

Concen: 16.249 ng/ul

RT: 12.434 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

ClientSampleId :

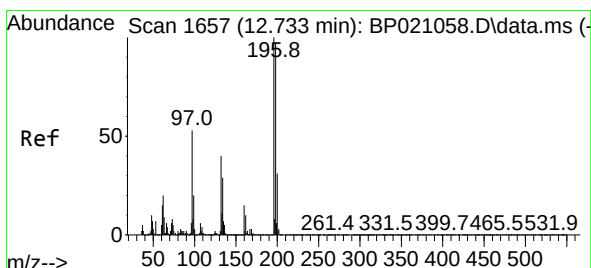
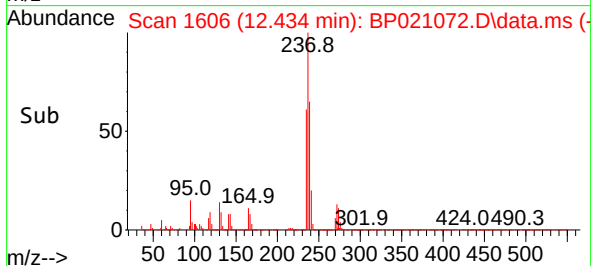
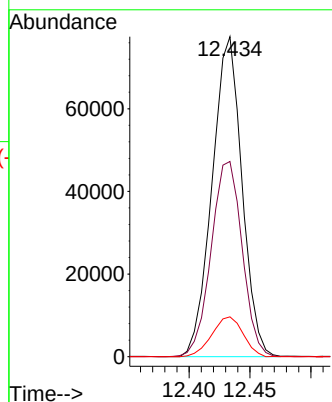
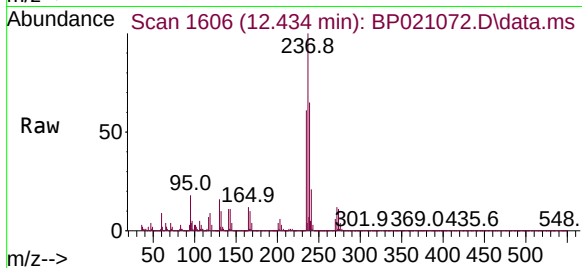
Tgt Ion:237 Resp: 132360

Ion Ratio Lower Upper

237 100

235 61.0 49.7 74.5

272 12.4 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 18.503 ng/ul

RT: 12.728 min Scan# 1656

Delta R.T. -0.018 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

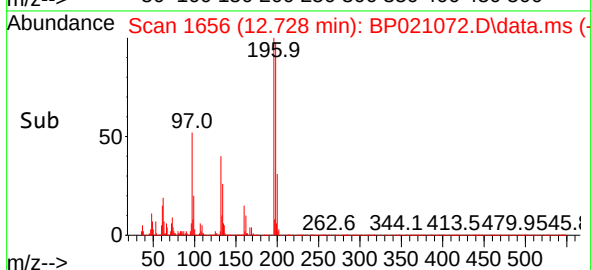
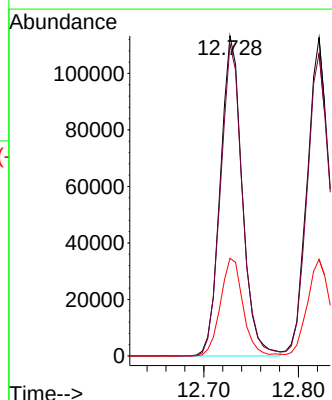
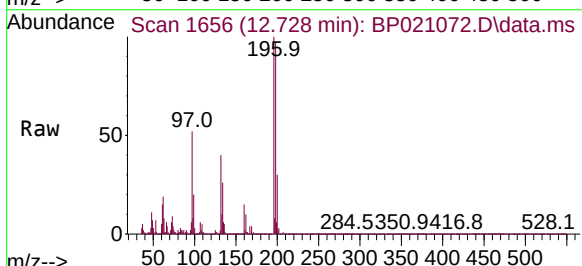
Tgt Ion:196 Resp: 182060

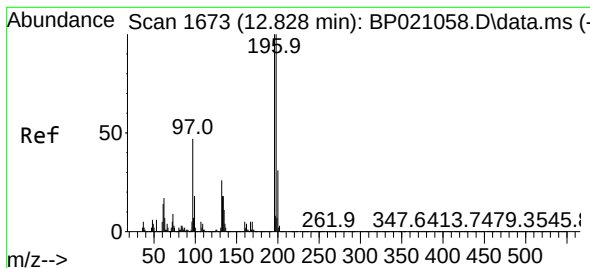
Ion Ratio Lower Upper

196 100

198 97.5 76.6 115.0

200 30.5 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 18.287 ng/ul

RT: 12.822 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

ClientSampleId :

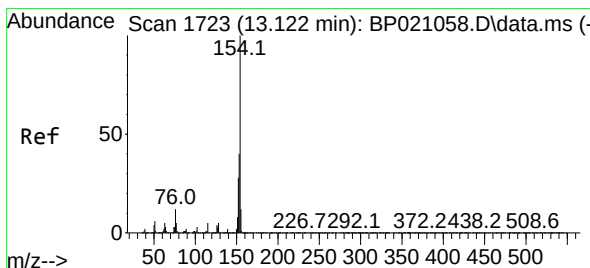
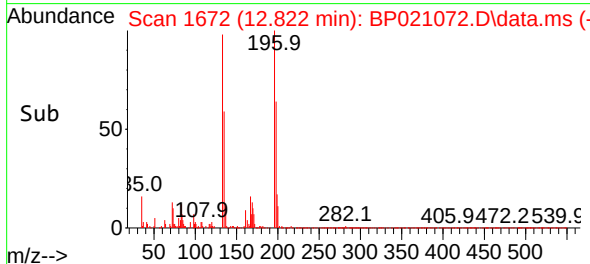
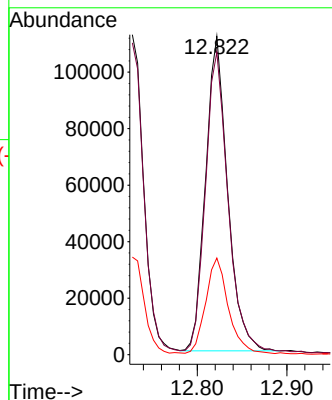
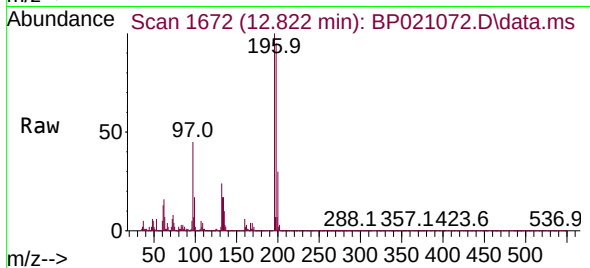
Tgt Ion:196 Resp: 190375

Ion Ratio Lower Upper

196 100

198 95.0 77.1 115.7

200 30.3 25.3 37.9



#43

1,1'-Biphenyl

Concen: 18.044 ng/ul

RT: 13.116 min Scan# 1722

Delta R.T. -0.018 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

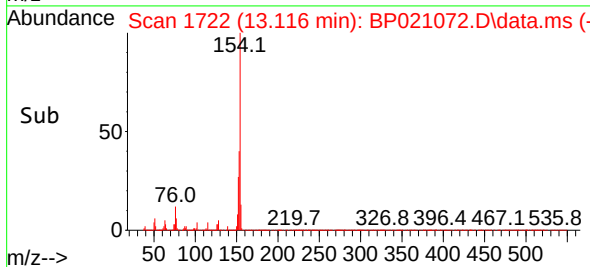
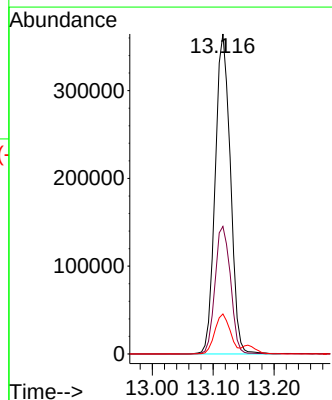
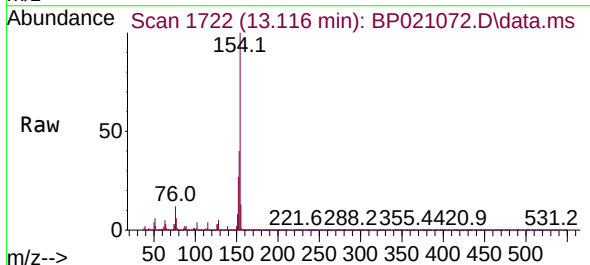
Tgt Ion:154 Resp: 632261

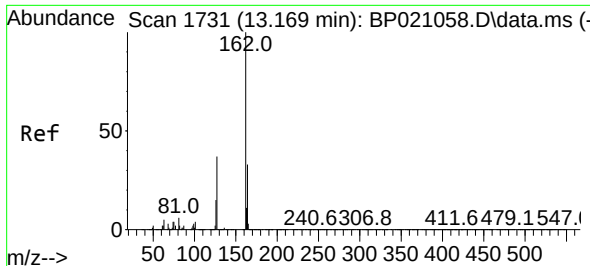
Ion Ratio Lower Upper

154 100

153 39.8 32.7 49.1

76 12.5 9.4 14.2

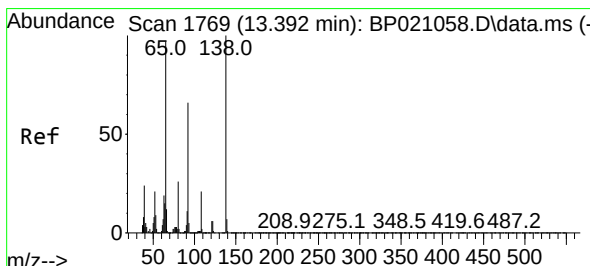
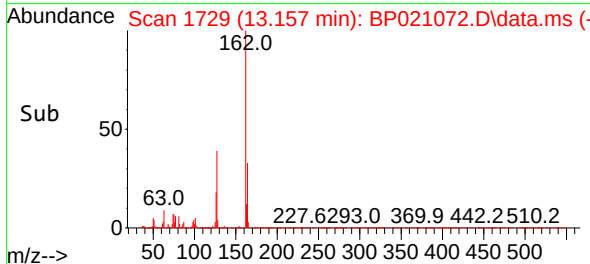
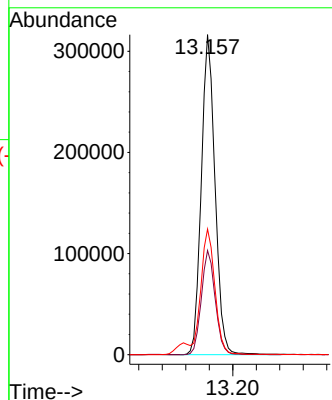
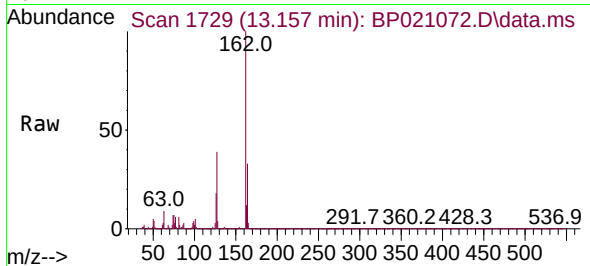




#44
2-Chloronaphthalene
Concen: 18.331 ng/ul
RT: 13.157 min Scan# 1729
Delta R.T. -0.024 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

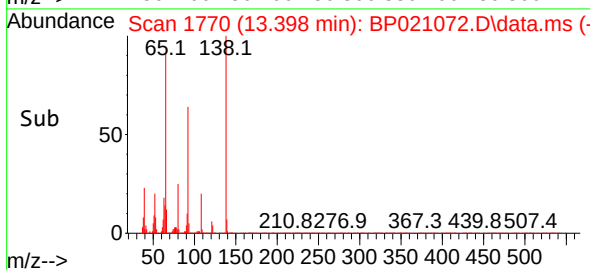
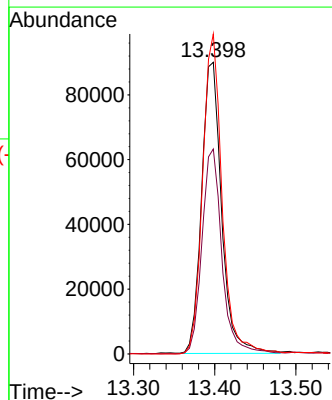
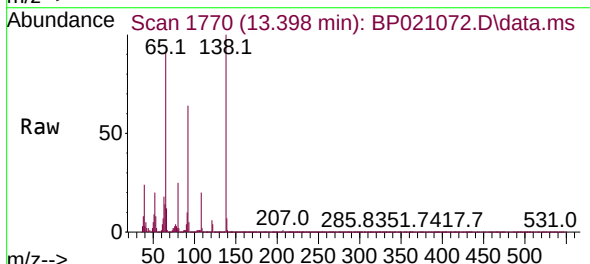
Instrument :
BNA_P
ClientSampleId :

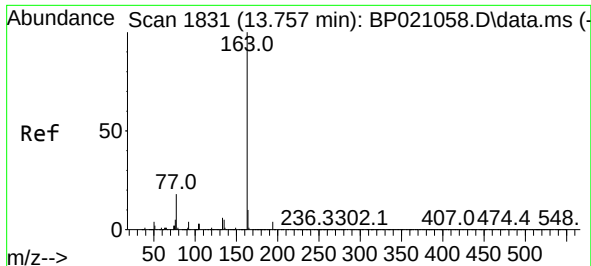
Tgt Ion:162 Resp: 512782
Ion Ratio Lower Upper
162 100
164 32.6 26.3 39.5
127 39.2 31.8 47.8



#45
2-Nitroaniline
Concen: 19.946 ng/ul
RT: 13.398 min Scan# 1770
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

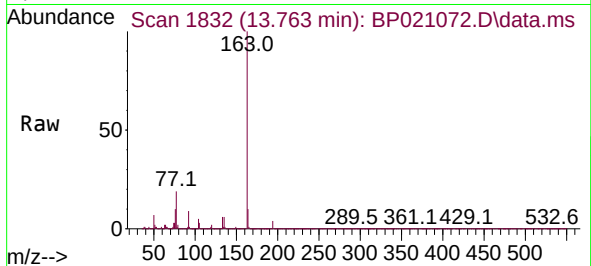
Tgt Ion: 65 Resp: 154303
Ion Ratio Lower Upper
65 100
92 70.3 56.7 85.1
138 109.7 85.6 128.4



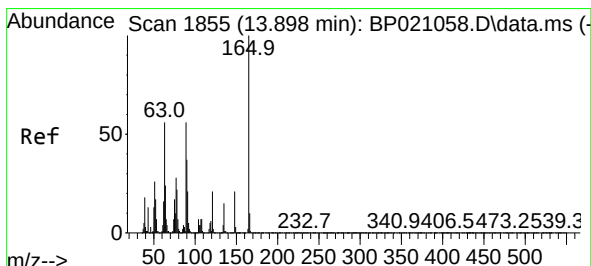
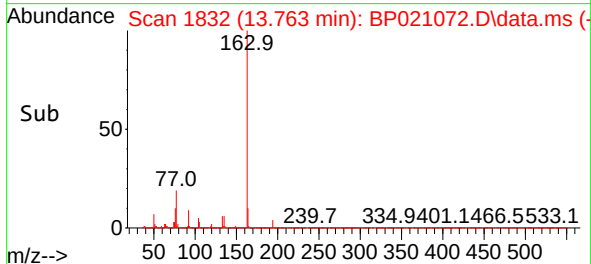
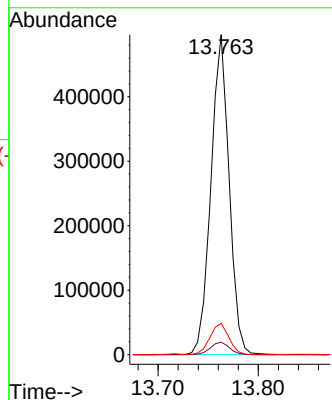


#47
Dimethylphthalate
Concen: 17.699 ng/ul
RT: 13.763 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Instrument :
BNA_P
ClientSampleId :

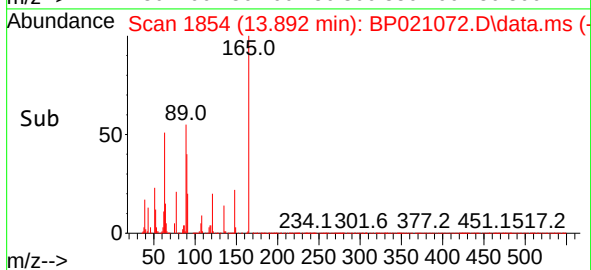
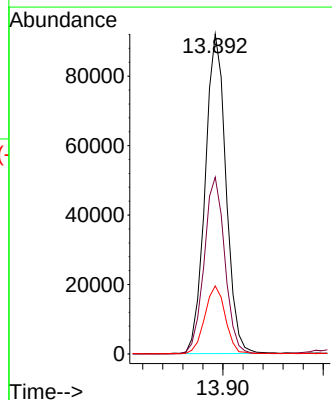
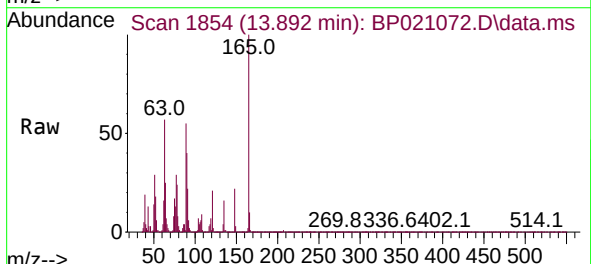


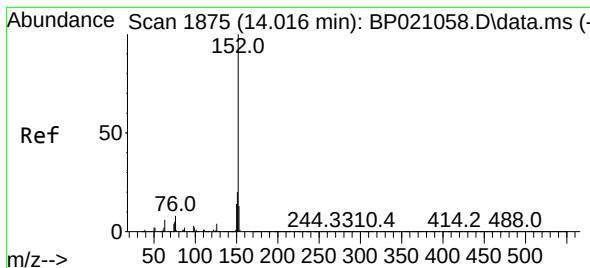
Tgt Ion:163 Resp: 625936
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.8 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 18.786 ng/ul
RT: 13.892 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:165 Resp: 132831
Ion Ratio Lower Upper
165 100
89 55.3 44.7 67.1
121 21.3 16.5 24.7





#50

Acenaphthylene

Concen: 18.971 ng/ul

RT: 14.034 min Scan# 1875

Delta R.T. 0.006 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNP_P

ClientSampleId :

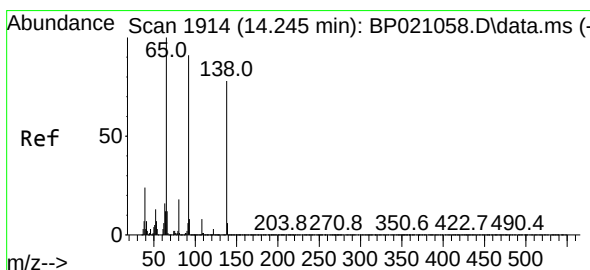
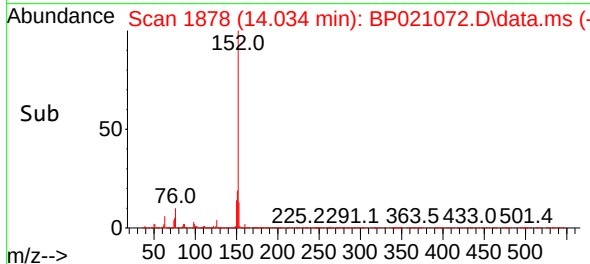
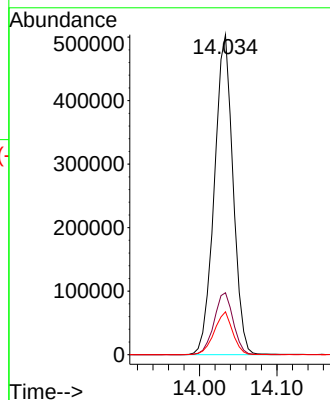
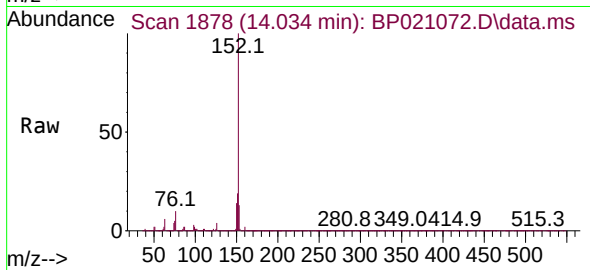
Tgt Ion:152 Resp: 840634

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.2

153 13.4 10.3 15.5



#51

3-Nitroaniline

Concen: 22.278 ng/ul

RT: 14.239 min Scan# 1913

Delta R.T. -0.012 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

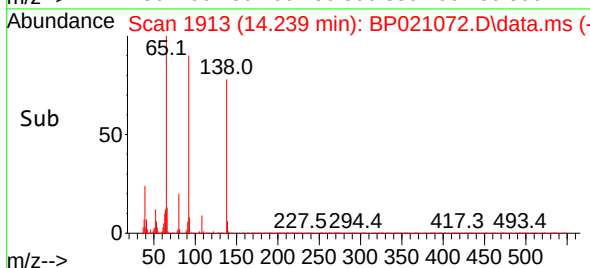
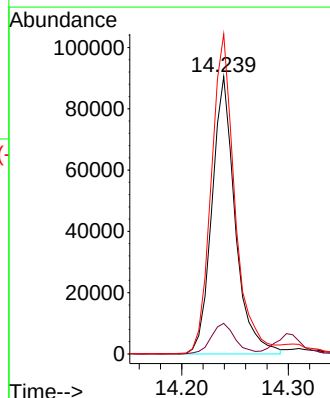
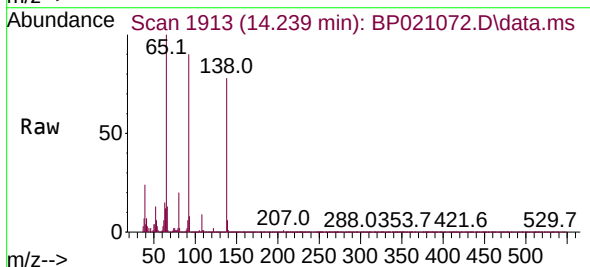
Tgt Ion:138 Resp: 137078

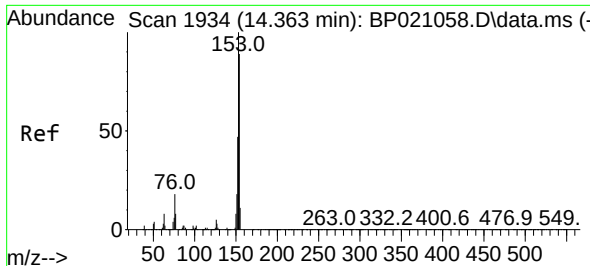
Ion Ratio Lower Upper

138 100

108 11.1 9.8 14.8

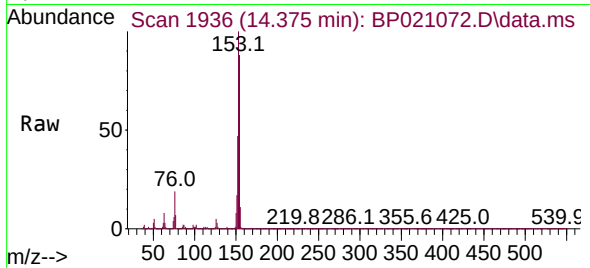
92 115.4 98.0 147.0



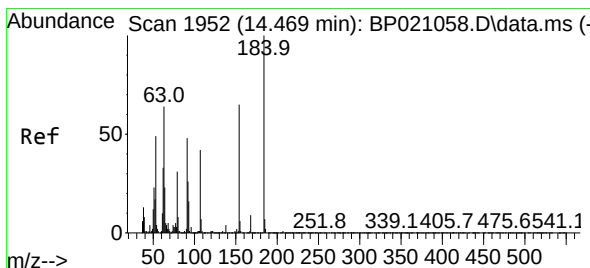
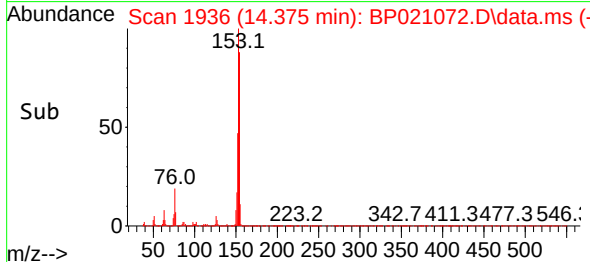
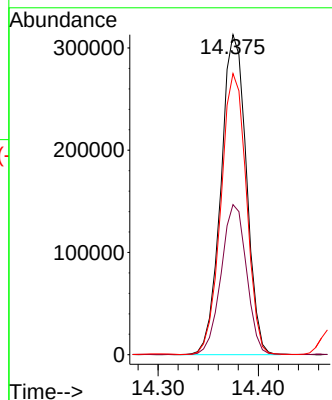


#52
Acenaphthene
Concen: 18.656 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Instrument :
BNA_P
ClientSampleId :

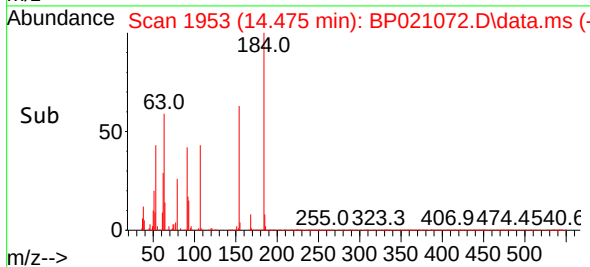
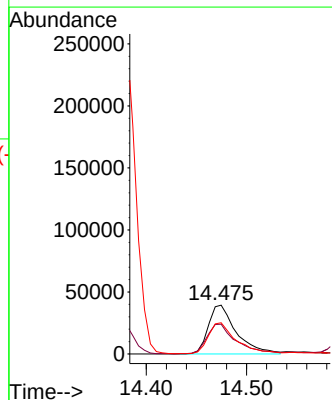
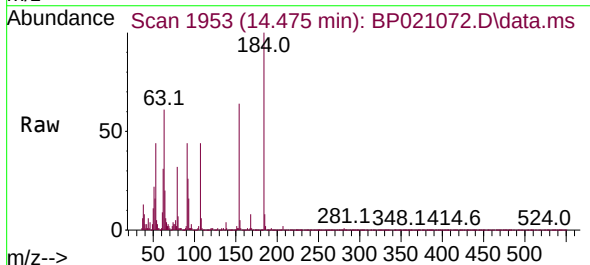


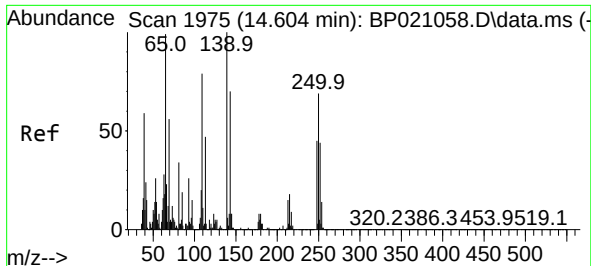
Tgt Ion:153 Resp: 548684
Ion Ratio Lower Upper
153 100
152 46.9 37.8 56.6
154 87.9 71.8 107.6



#53
2,4-Dinitrophenol
Concen: 20.539 ng/ul
RT: 14.475 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:184 Resp: 76265
Ion Ratio Lower Upper
184 100
63 60.9 50.3 75.5
154 63.9 53.0 79.6

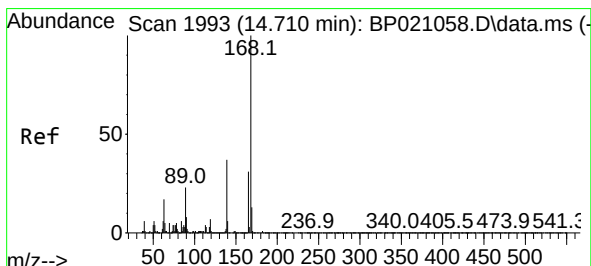
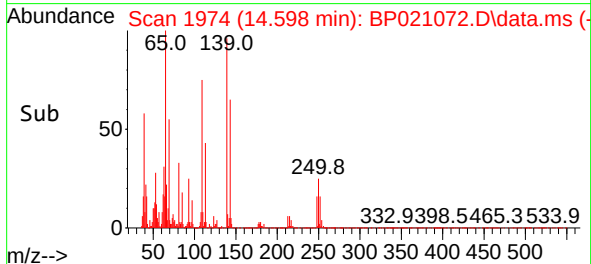
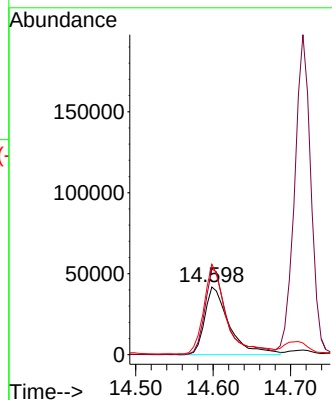
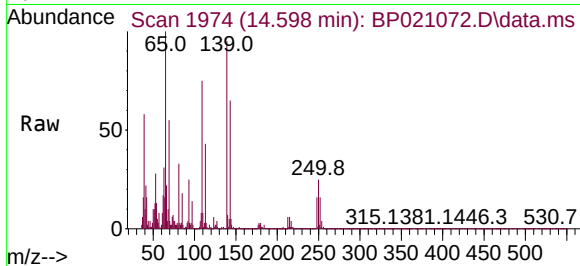




#55
4-Nitrophenol
Concen: 22.742 ng/ul
RT: 14.598 min Scan# 1975
Delta R.T. -0.029 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

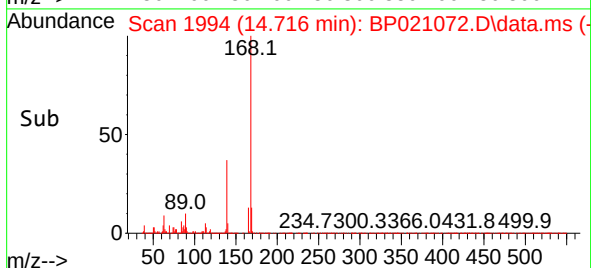
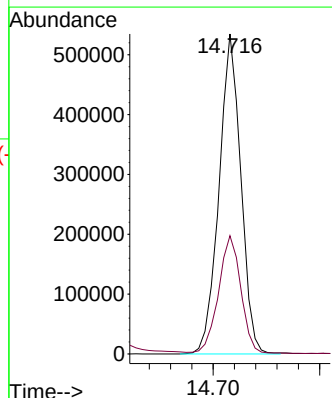
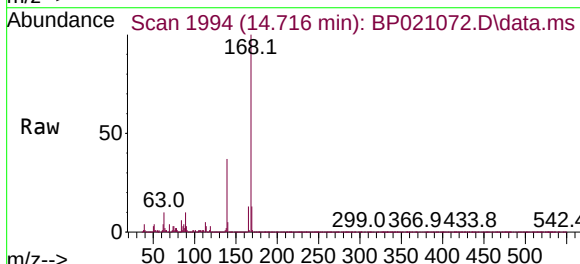
Instrument :
BNA_P
ClientSampleId :

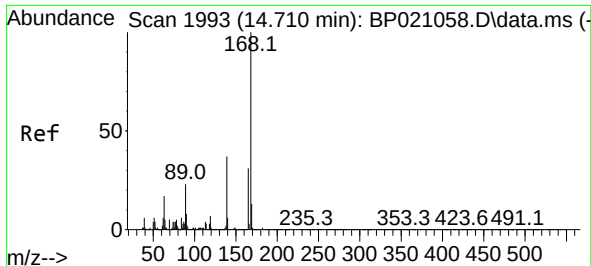
Tgt Ion:109 Resp: 91740
Ion Ratio Lower Upper
109 100
139 126.6 98.0 147.0
65 133.4 106.0 159.0



#56
Dibenzofuran
Concen: 18.801 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:168 Resp: 757224
Ion Ratio Lower Upper
168 100
139 36.9 31.1 46.7

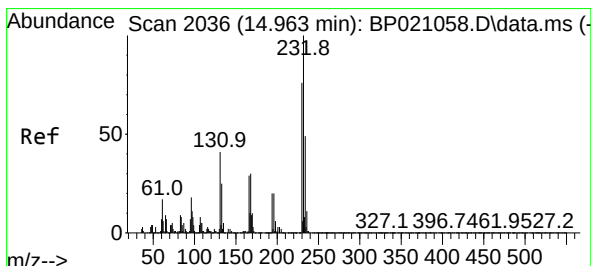
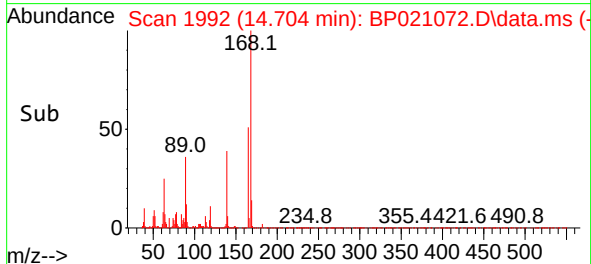
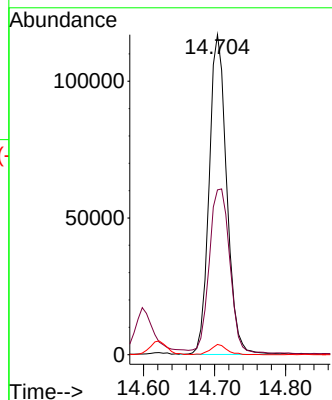
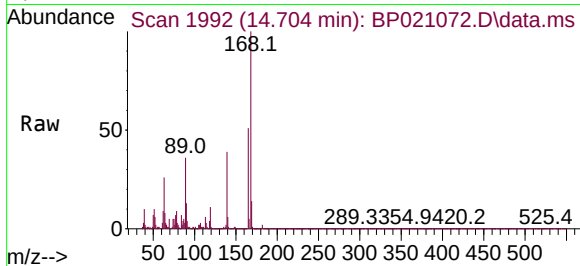




#57
2,4-Dinitrotoluene
Concen: 20.732 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

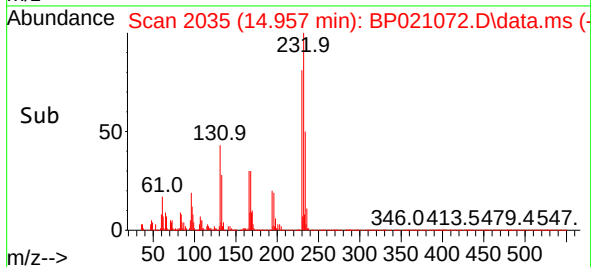
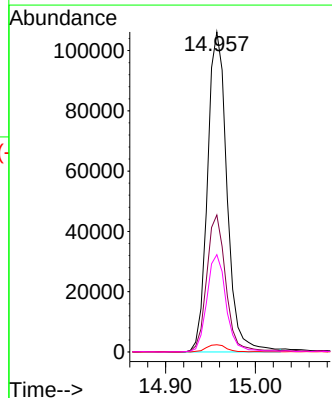
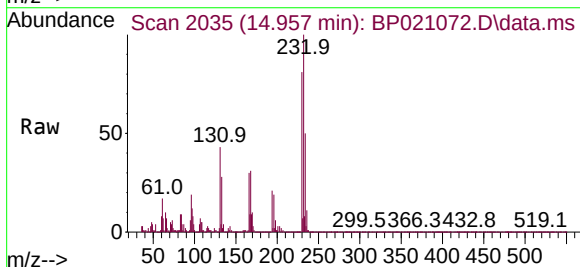
Instrument :
BNA_P
ClientSampleId :

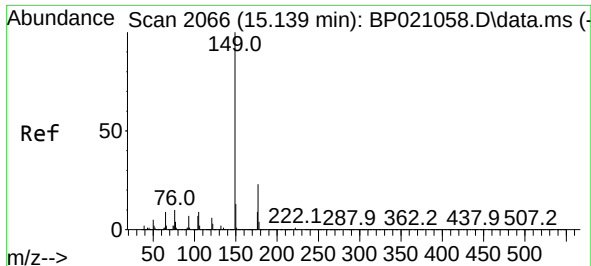
Tgt Ion:165 Resp: 201235
Ion Ratio Lower Upper
165 100
63 51.5 41.0 61.4
182 3.2 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.984 ng/ul
RT: 14.957 min Scan# 2035
Delta R.T. -0.018 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:232 Resp: 160317
Ion Ratio Lower Upper
232 100
131 42.8 34.4 51.6
130 2.3 2.0 3.0
166 30.4 24.4 36.6

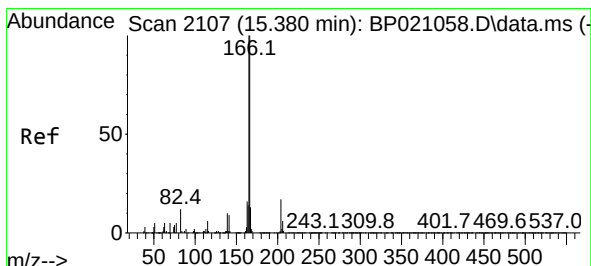
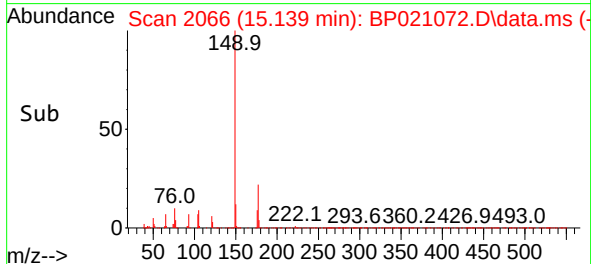
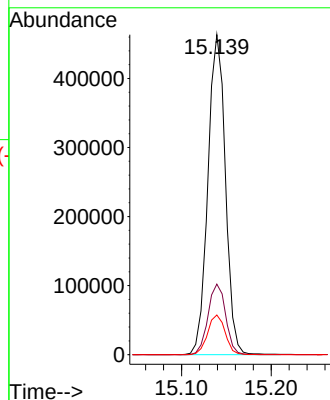
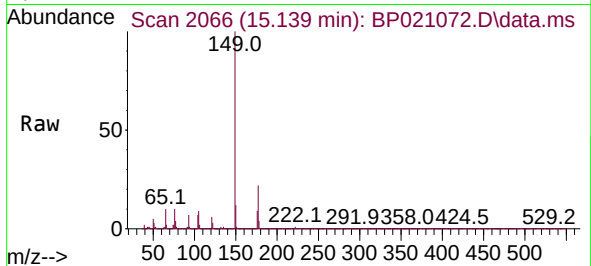




#59
Diethylphthalate
Concen: 17.750 ng/ul
RT: 15.139 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

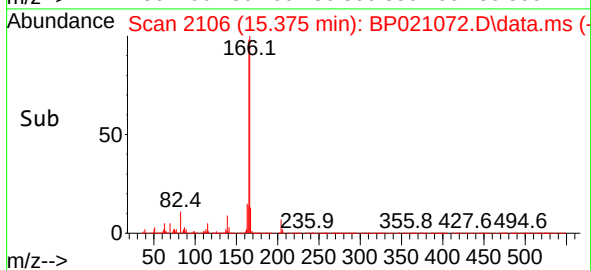
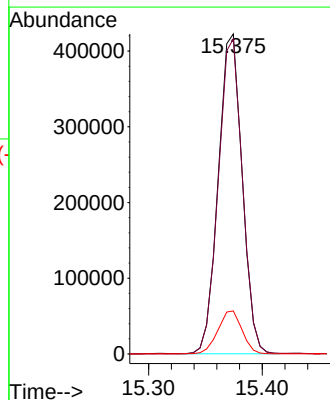
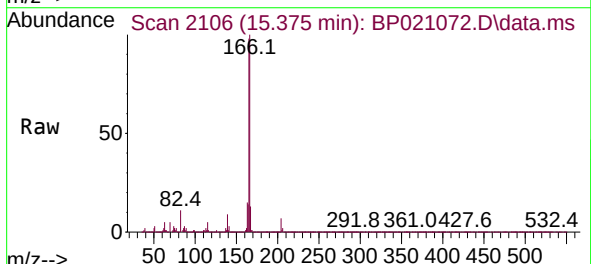
Instrument :
BNA_P
ClientSampleId :

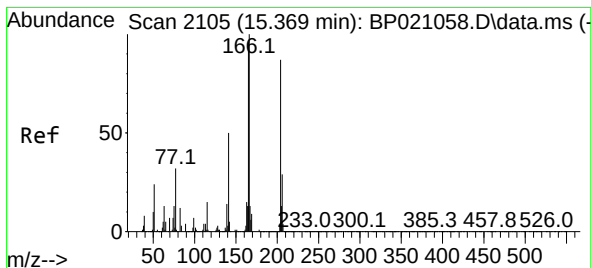
Tgt Ion:149 Resp: 627360
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 12.4 10.2 15.2



#61
Fluorene
Concen: 18.840 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:166 Resp: 619192
Ion Ratio Lower Upper
166 100
165 98.5 78.1 117.1
167 13.4 10.9 16.3

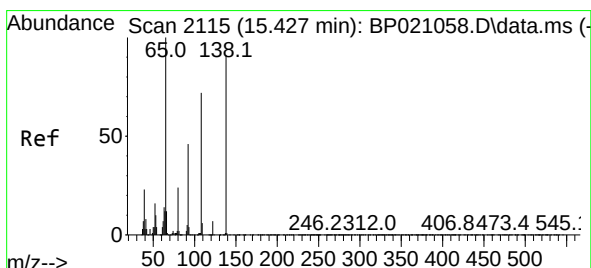
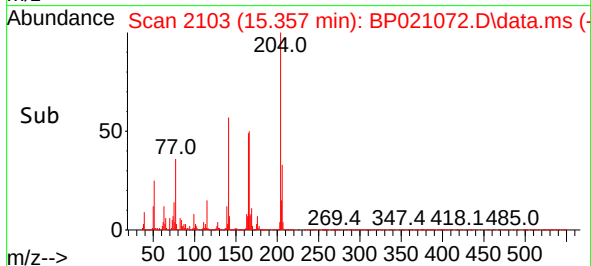
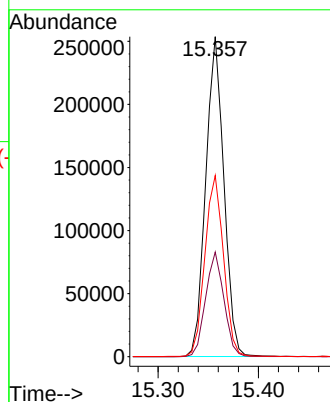
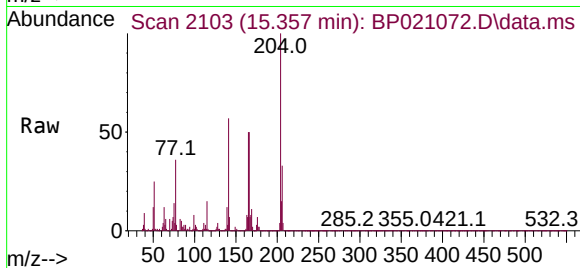




#62
4-Chlorophenyl-phenylether
Concen: 17.958 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.024 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

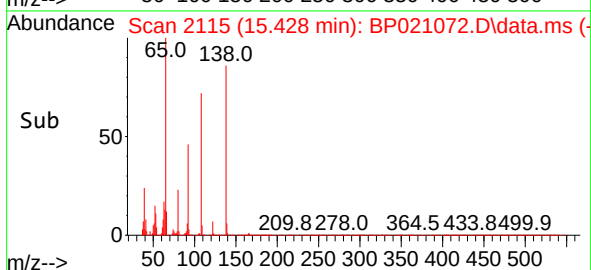
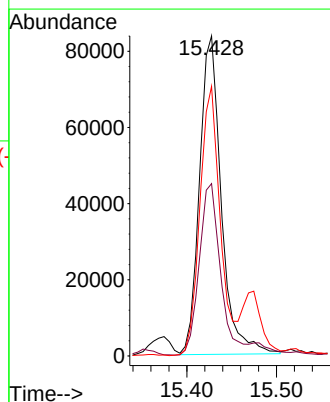
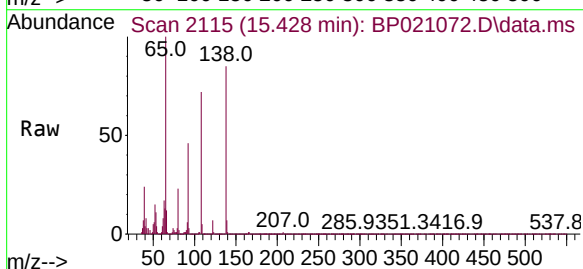
Instrument :
BNA_P
ClientSampleId :

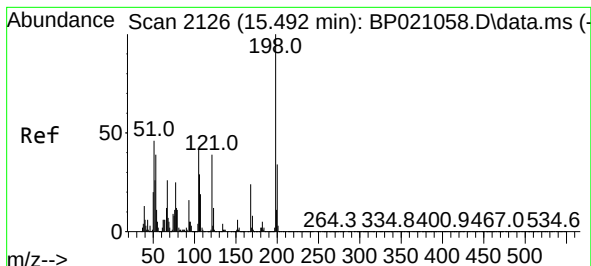
Tgt Ion:204 Resp: 320268
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 56.6 48.5 72.7



#63
4-Nitroaniline
Concen: 27.629 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:138 Resp: 140783
Ion Ratio Lower Upper
138 100
92 53.9 40.9 61.3
108 84.3 64.7 97.1

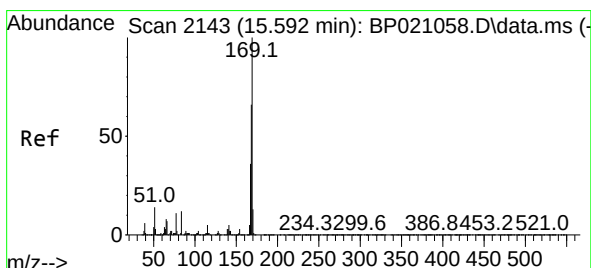
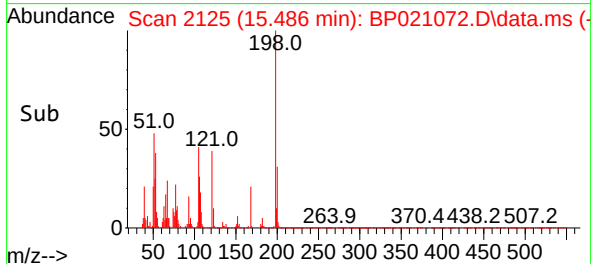
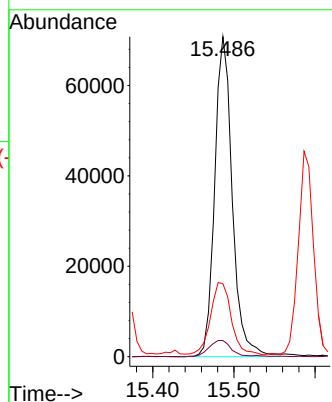
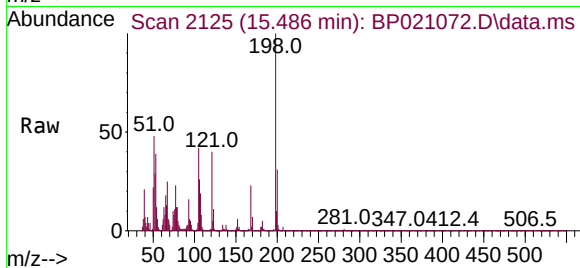




#66
4,6-Dinitro-2-methylphenol
Concen: 15.948 ng/ul
RT: 15.486 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

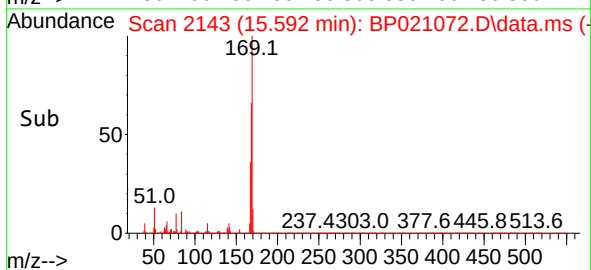
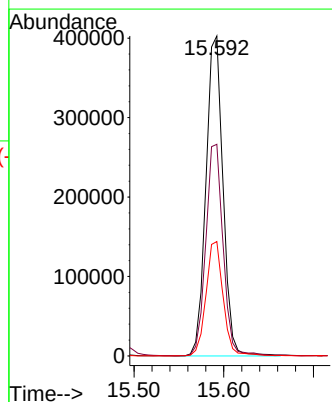
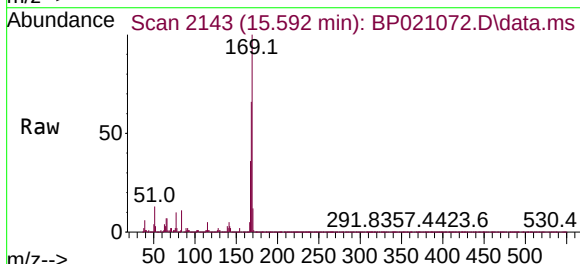
Instrument :
BNA_P
ClientSampleId :

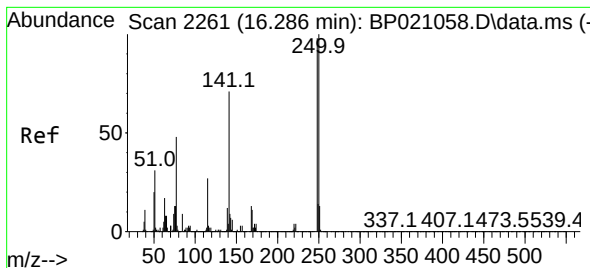
Tgt Ion:198 Resp: 106451
Ion Ratio Lower Upper
198 100
182 5.0 3.8 5.6
77 22.8 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 17.525 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:169 Resp: 530913
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 35.7 28.4 42.6

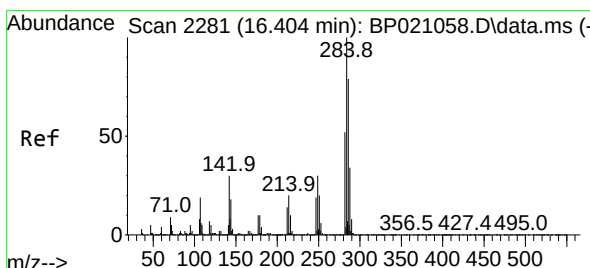
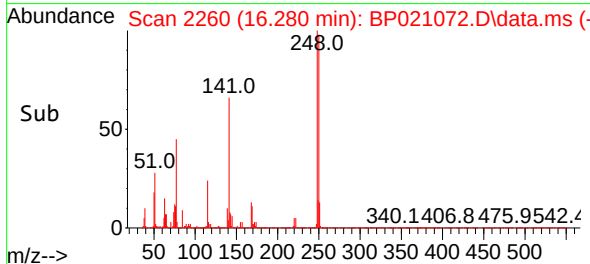
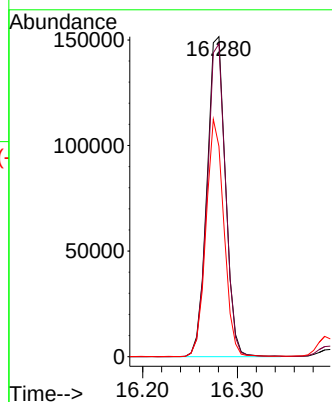
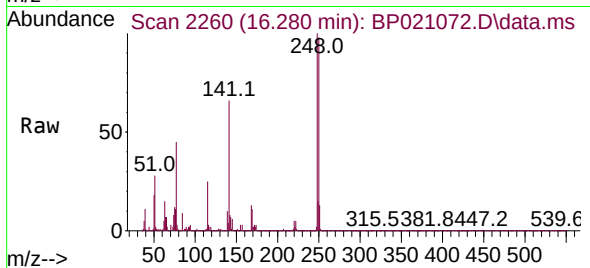




#68
4-Bromophenyl-phenylether
Concen: 16.840 ng/ul
RT: 16.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

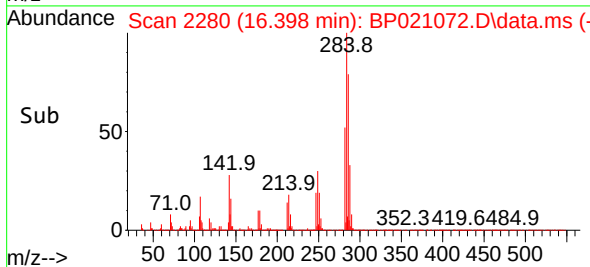
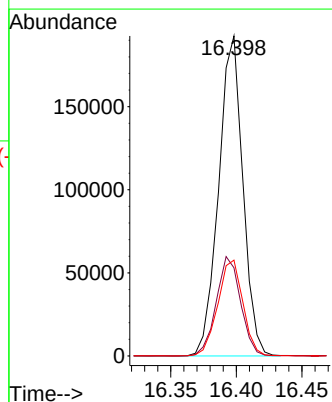
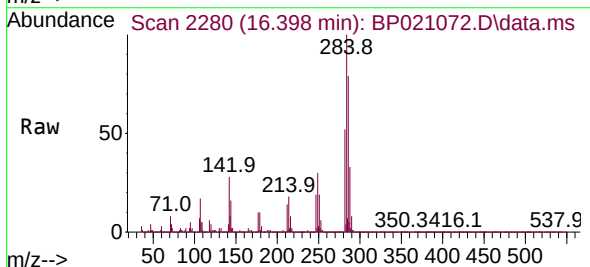
Instrument :
BNA_P
ClientSampleId :

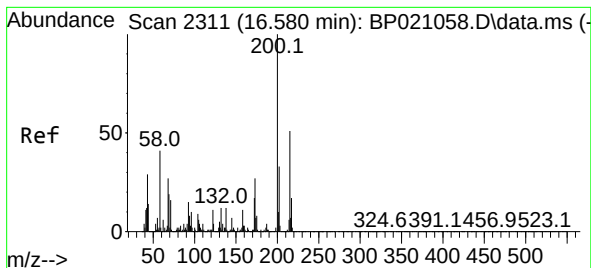
Tgt Ion:248 Resp: 205345
Ion Ratio Lower Upper
248 100
250 97.8 79.3 118.9
141 65.8 57.4 86.0



#69
Hexachlorobenzene
Concen: 17.670 ng/ul
RT: 16.398 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:284 Resp: 247056
Ion Ratio Lower Upper
284 100
142 27.5 25.8 38.8
249 29.9 25.1 37.7





#70

Atrazine

Concen: 18.306 ng/ul

RT: 16.569 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

ClientSampleId :

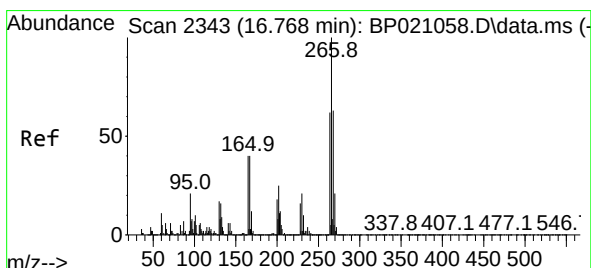
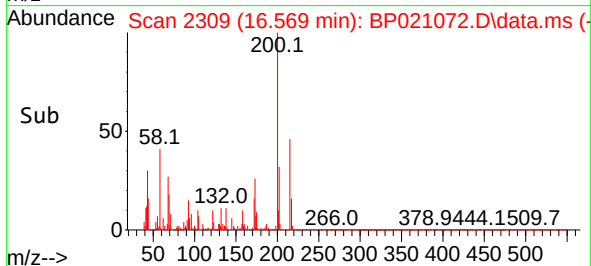
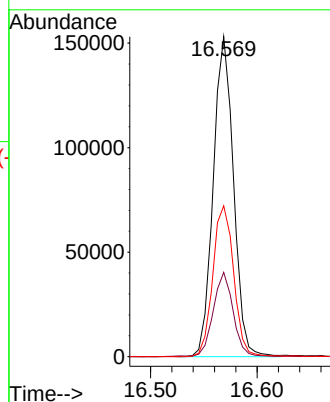
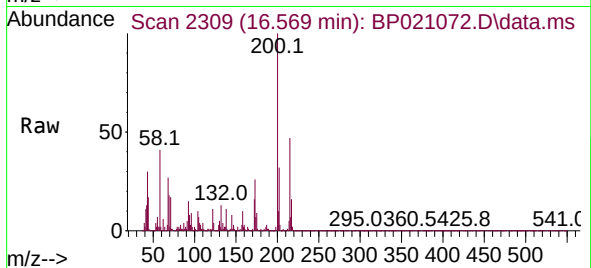
Tgt Ion:200 Resp: 202110

Ion Ratio Lower Upper

200 100

173 26.4 20.8 31.2

215 47.2 38.7 58.1



#71

Pentachlorophenol

Concen: 20.902 ng/ul

RT: 16.775 min Scan# 2344

Delta R.T. -0.000 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

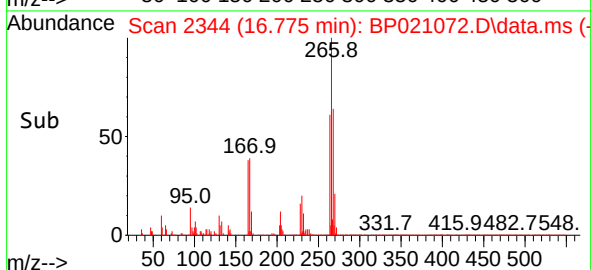
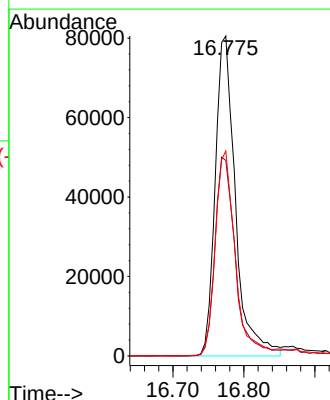
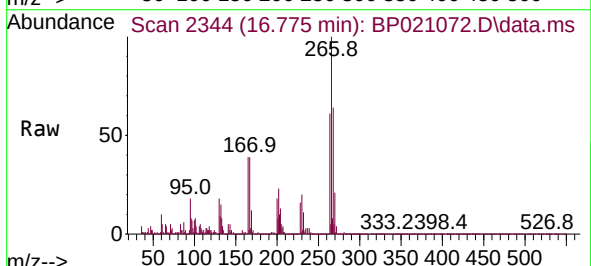
Tgt Ion:266 Resp: 158721

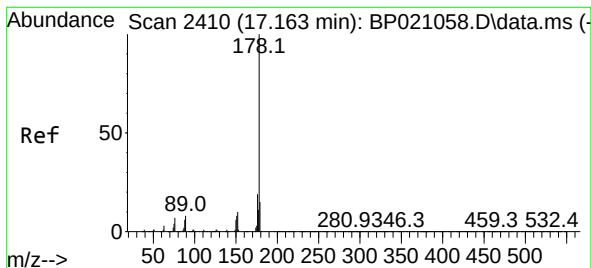
Ion Ratio Lower Upper

266 100

264 61.1 52.3 78.5

268 64.1 52.3 78.5





#72

Phenanthrene

Concen: 18.655 ng/ul

RT: 17.157 min Scan# 2410

Delta R.T. -0.012 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

ClientSampleId :

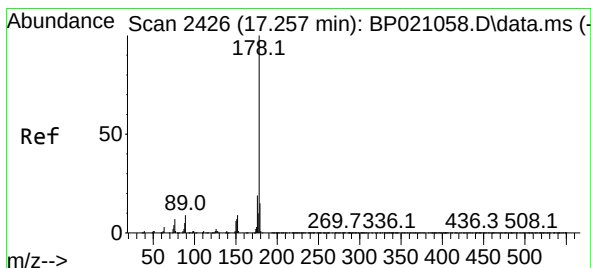
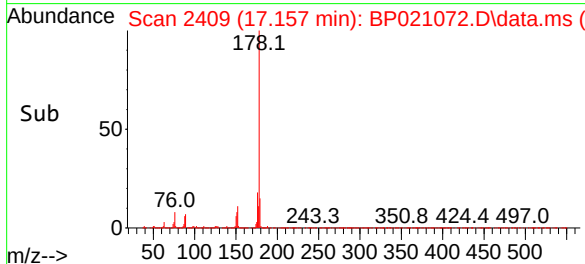
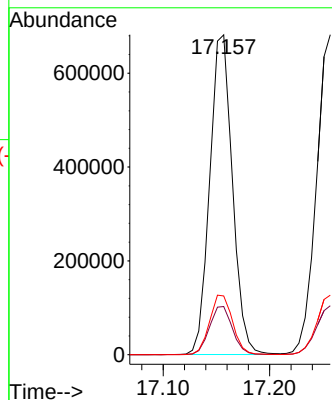
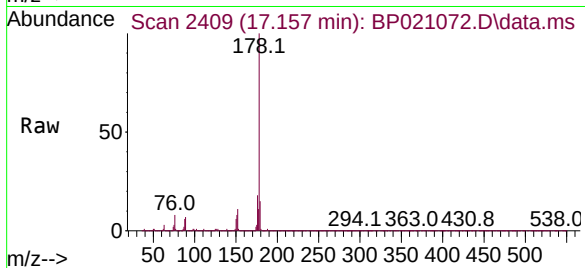
Tgt Ion:178 Resp: 1006785

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 18.4 15.0 22.4



#74

Anthracene

Concen: 18.780 ng/ul

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

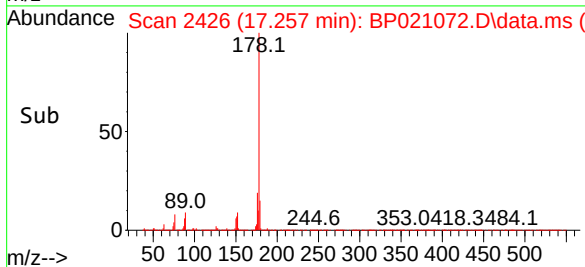
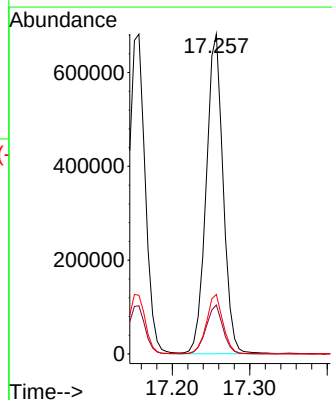
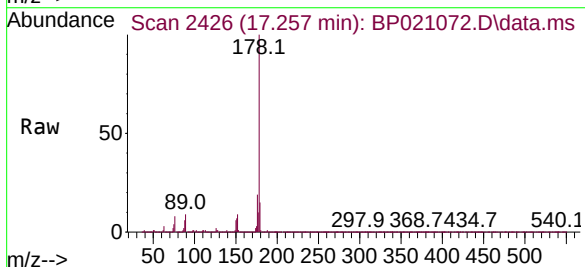
Tgt Ion:178 Resp: 1033247

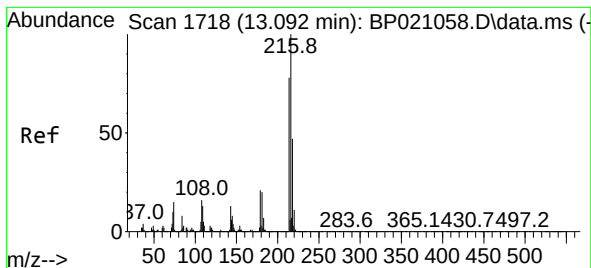
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.6 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 16.989 ng/uL

RT: 13.081 min Scan# 1716

Delta R.T. -0.024 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

ClientSampleId :

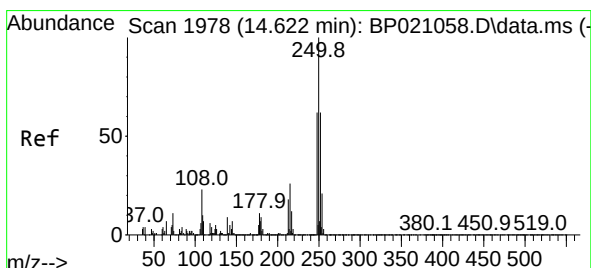
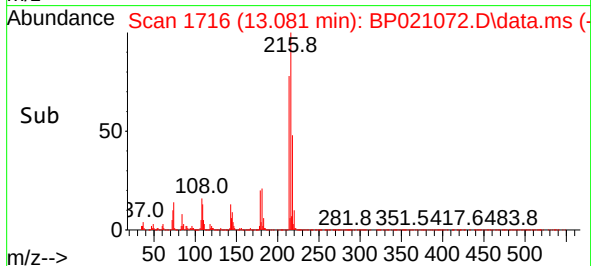
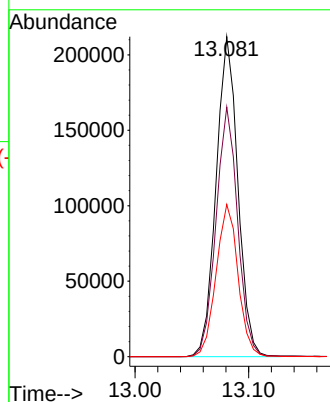
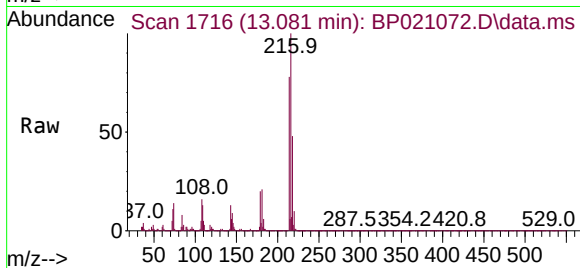
Tgt Ion:216 Resp: 282886

Ion Ratio Lower Upper

216 100

214 78.0 63.2 94.8

218 47.5 38.2 57.4



#76

Pentachlorobenzene

Concen: 16.804 ng/uL

RT: 14.622 min Scan# 1978

Delta R.T. -0.012 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

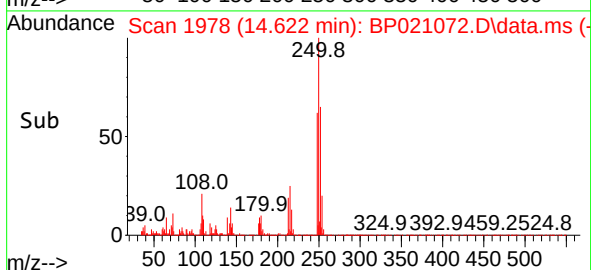
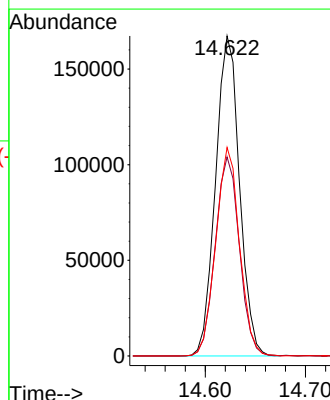
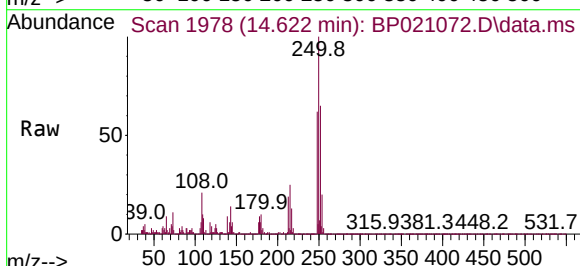
Tgt Ion:250 Resp: 278030

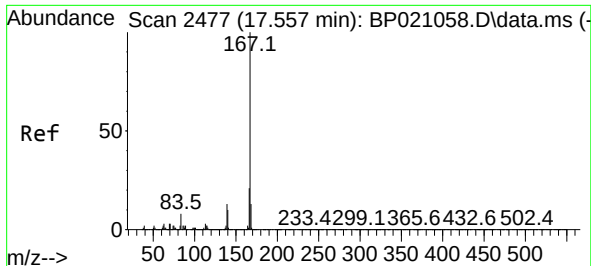
Ion Ratio Lower Upper

250 100

248 62.2 50.8 76.2

252 65.2 51.6 77.4

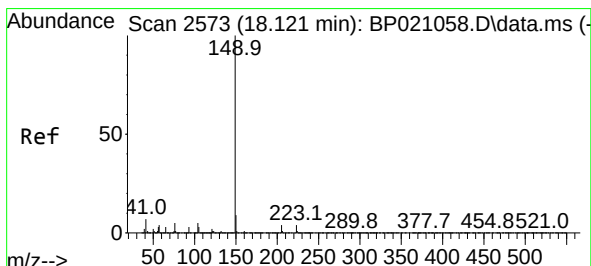
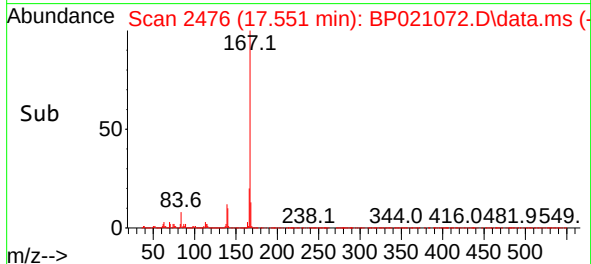
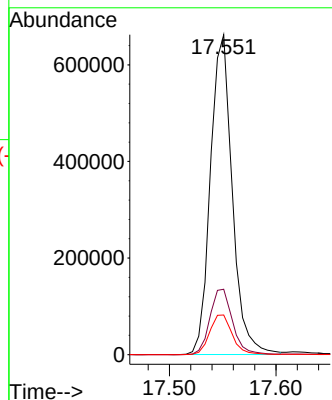
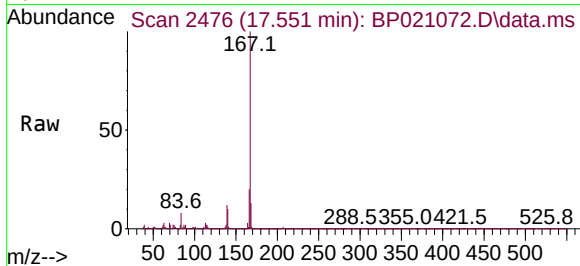




#77
 Carbazole
 Concen: 20.994 ng/ul
 RT: 17.551 min Scan# 2477
 Delta R.T. -0.012 min
 Lab File: BP021072.D
 Acq: 19 Jul 2024 10:42

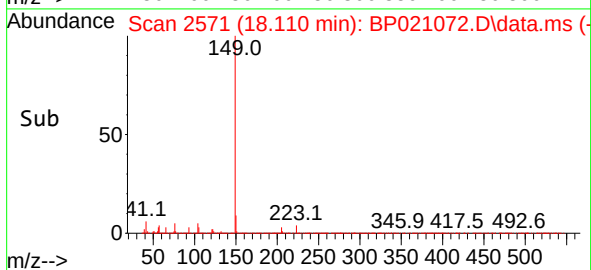
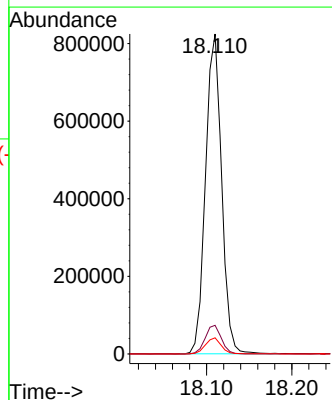
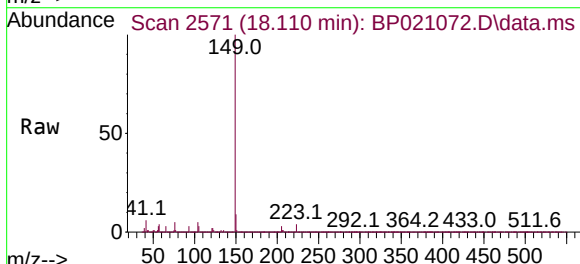
Instrument :
 BNA_P
 ClientSampleId :

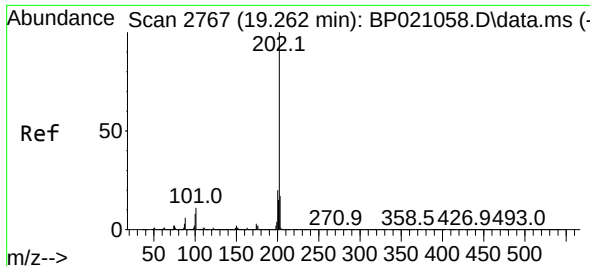
Tgt Ion:167 Resp: 944199
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.3 25.9
 139 12.4 10.2 15.2



#78
 Di-n-butylphthalate
 Concen: 17.422 ng/ul
 RT: 18.110 min Scan# 2571
 Delta R.T. -0.012 min
 Lab File: BP021072.D
 Acq: 19 Jul 2024 10:42

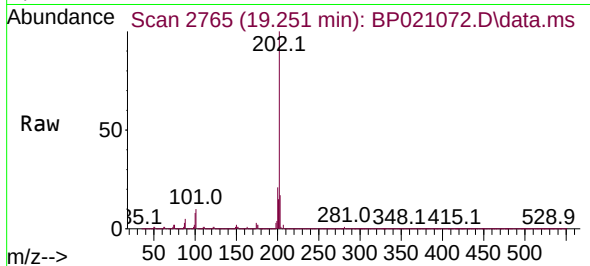
Tgt Ion:149 Resp: 1081069
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.0 3.9 5.9



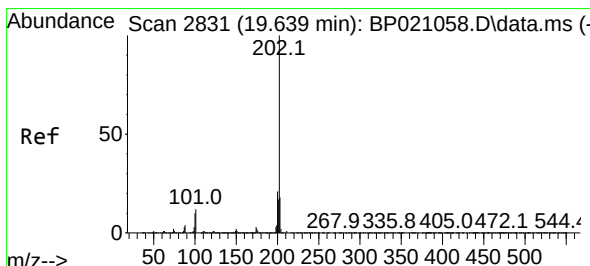
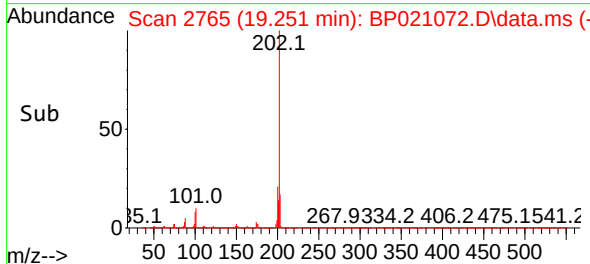
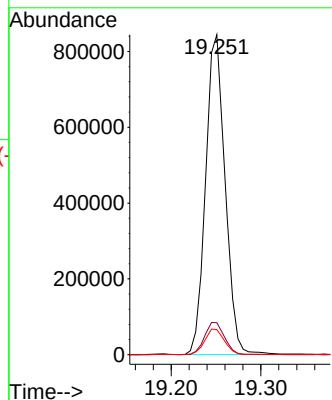


#80
Fluoranthene
Concen: 16.306 ng/ul
RT: 19.251 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Instrument :
BNA_P
ClientSampleId :

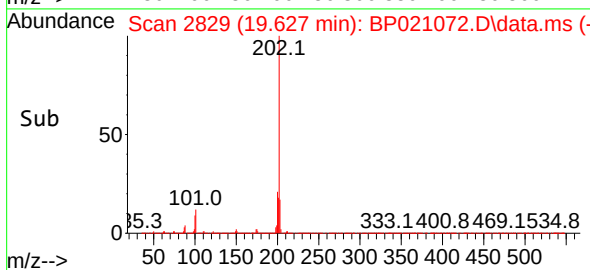
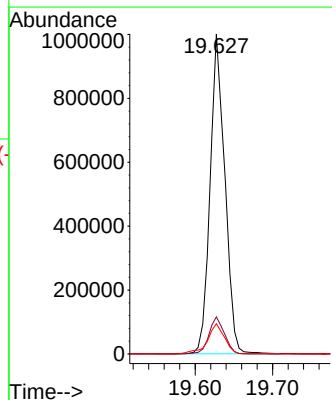
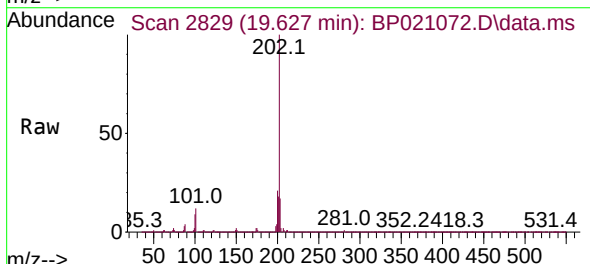


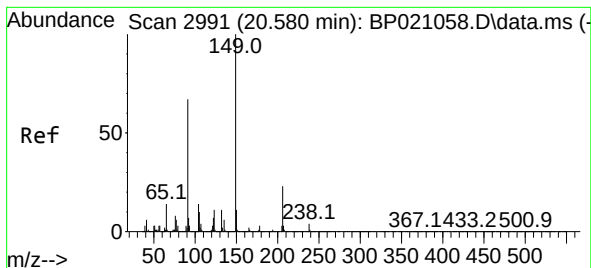
Tgt Ion:202 Resp: 1272722
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
100 7.8 6.1 9.1



#82
Pyrene
Concen: 16.739 ng/ul
RT: 19.627 min Scan# 2829
Delta R.T. -0.018 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:202 Resp: 1329524
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 9.4 7.8 11.6





#83

Butylbenzylphthalate

Concen: 15.801 ng/ul

RT: 20.574 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

ClientSampleId :

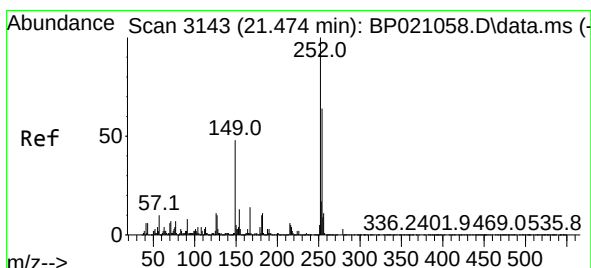
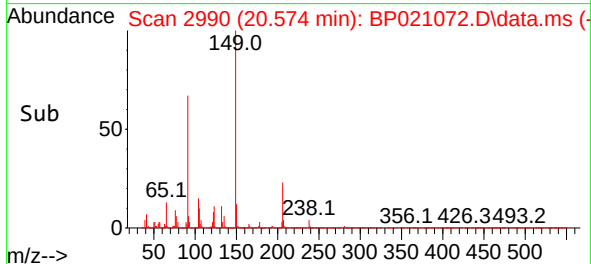
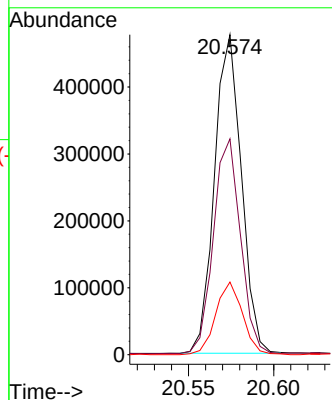
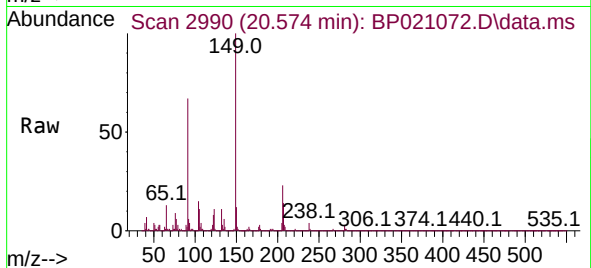
Tgt Ion:149 Resp: 522899

Ion Ratio Lower Upper

149 100

91 67.5 54.1 81.1

206 22.7 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 17.761 ng/ul

RT: 21.468 min Scan# 3142

Delta R.T. -0.018 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

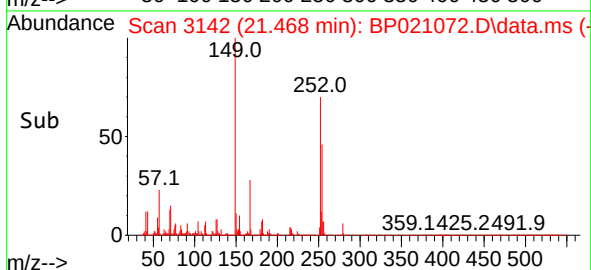
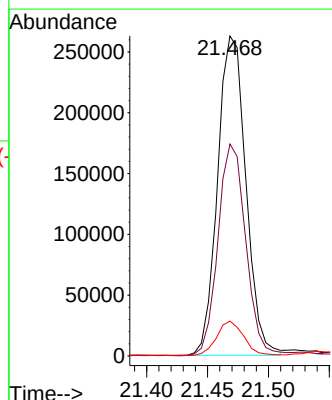
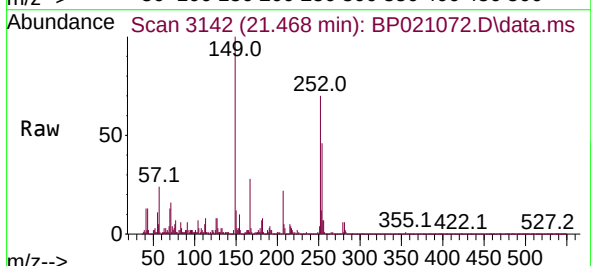
Tgt Ion:252 Resp: 424299

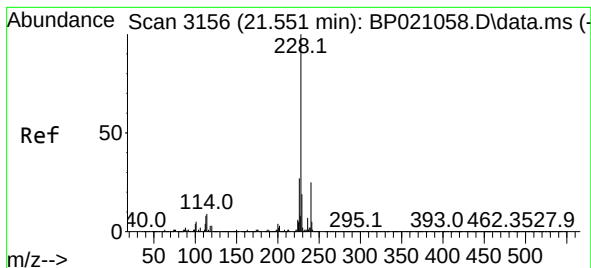
Ion Ratio Lower Upper

252 100

254 66.3 51.5 77.3

126 10.9 8.0 12.0





#85

Benzo(a)anthracene

Concen: 18.348 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. -0.024 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

ClientSampleId :

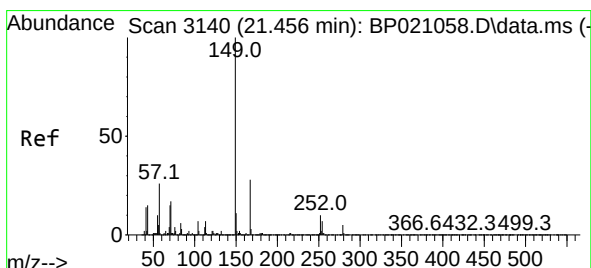
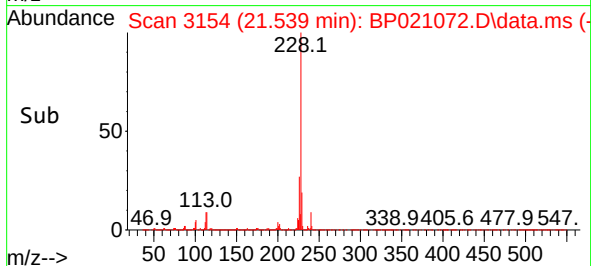
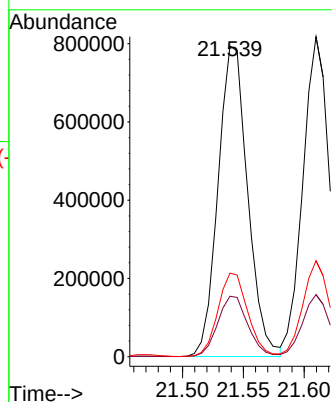
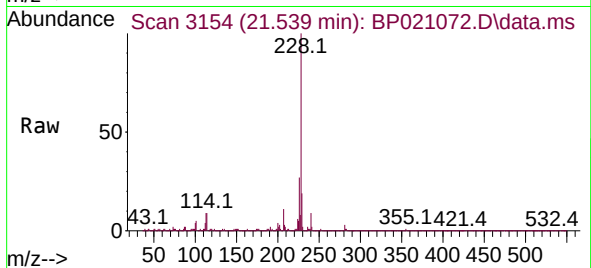
Tgt Ion:228 Resp: 1343664

Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

226 26.9 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 14.901 ng/ul

RT: 21.463 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

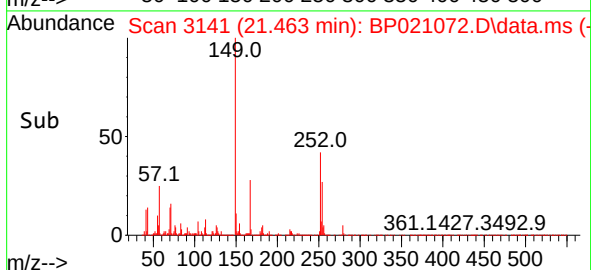
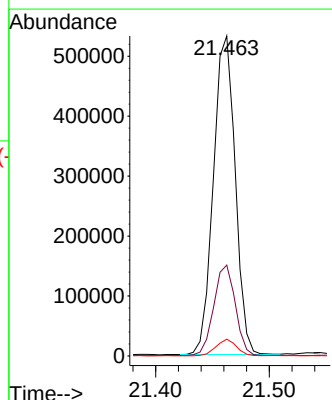
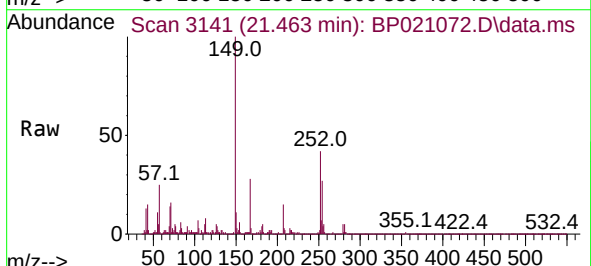
Tgt Ion:149 Resp: 709635

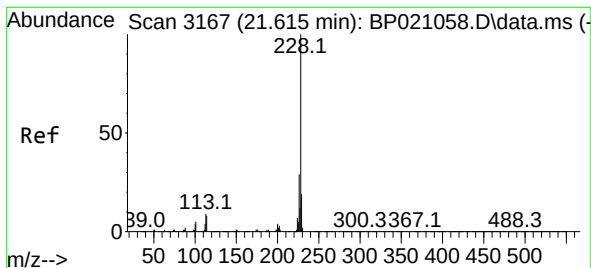
Ion Ratio Lower Upper

149 100

167 28.4 22.1 33.1

279 5.3 3.7 5.5





#87

Chrysene

Concen: 18.509 ng/ul

RT: 21.610 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

ClientSampleId :

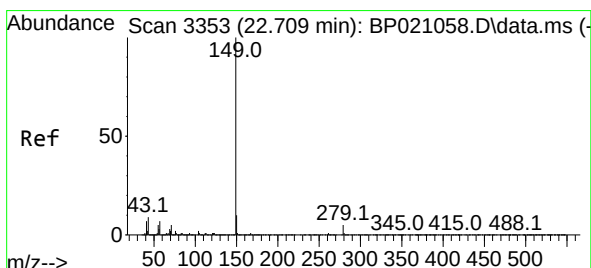
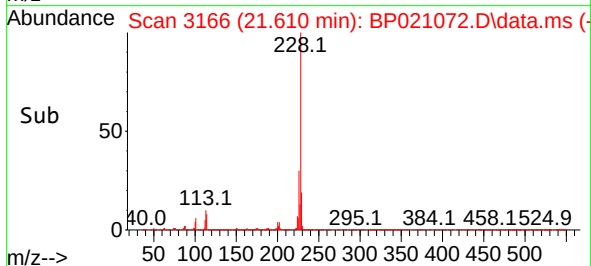
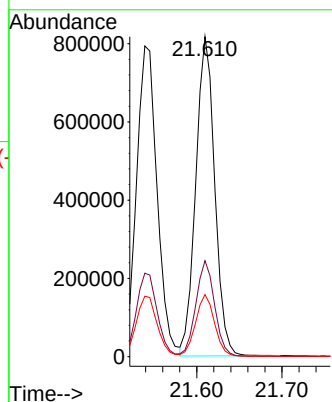
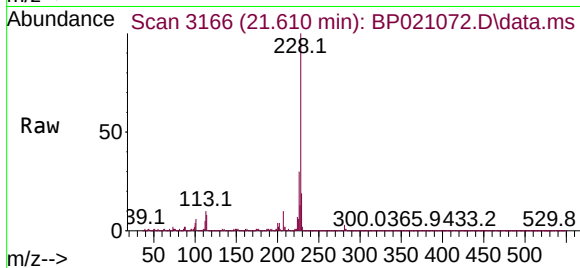
Tgt Ion:228 Resp: 1259518

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

229 19.4 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 14.750 ng/ul

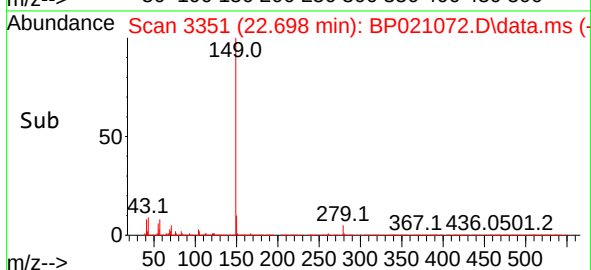
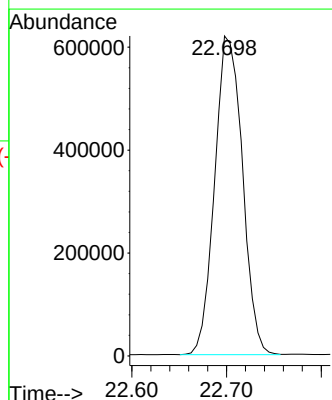
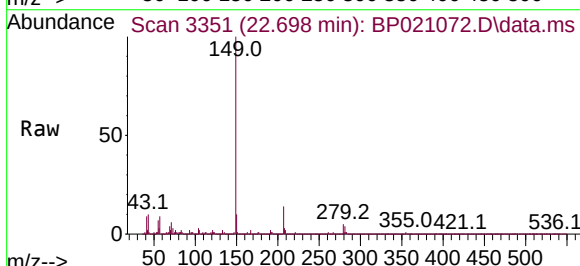
RT: 22.698 min Scan# 3351

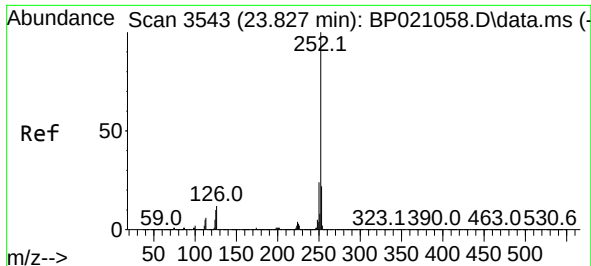
Delta R.T. -0.029 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Tgt Ion:149 Resp: 1260835

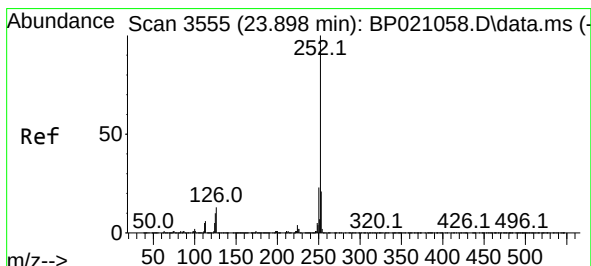
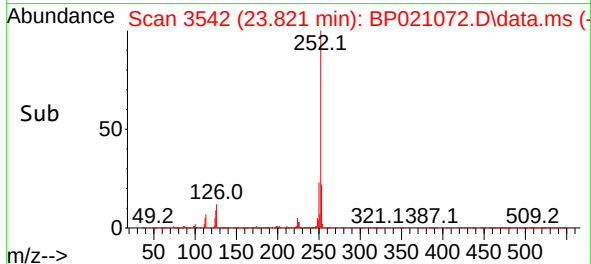
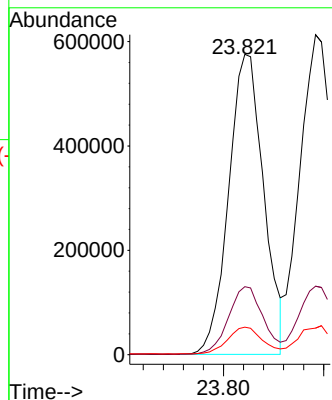
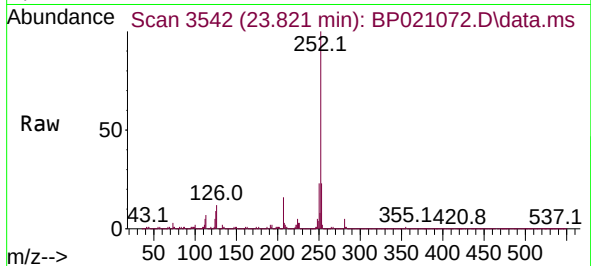




#90
Benzo(b)fluoranthene
Concen: 17.751 ng/ul
RT: 23.821 min Scan# 31
Delta R.T. -0.030 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

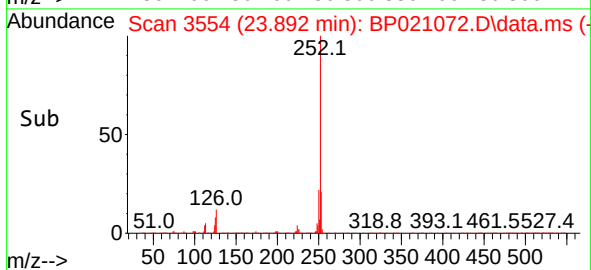
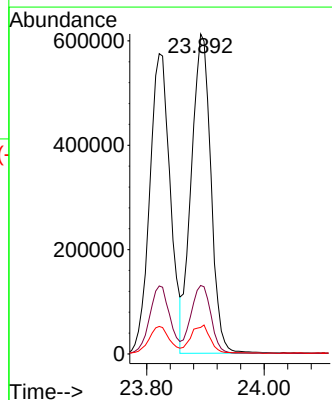
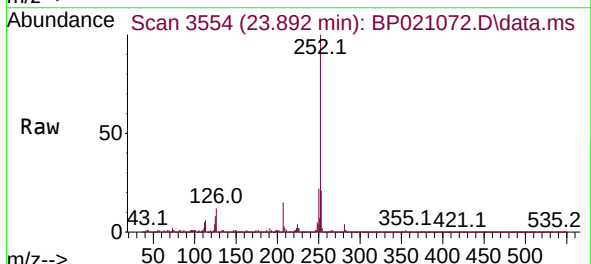
Instrument :
BNA_P
ClientSampleId :

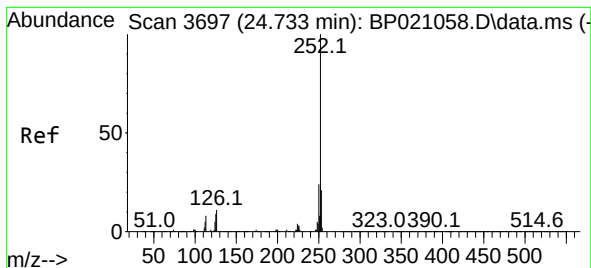
Tgt Ion:252 Resp: 1393910
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 9.1 7.0 10.4



#91
Benzo(k)fluoranthene
Concen: 17.976 ng/ul
RT: 23.892 min Scan# 3554
Delta R.T. -0.029 min
Lab File: BP021072.D
Acq: 19 Jul 2024 10:42

Tgt Ion:252 Resp: 1408684
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 8.3 7.4 11.0





#93

Benzo(a)pyrene

Concen: 18.136 ng/ul

RT: 24.727 min Scan# 3

Delta R.T. -0.035 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

ClientSampleId :

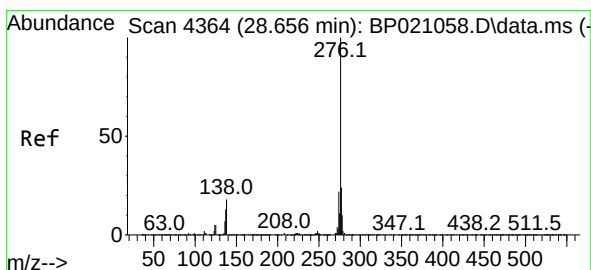
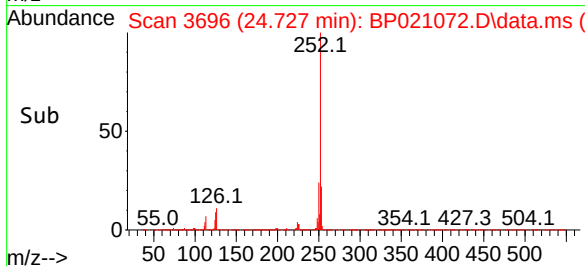
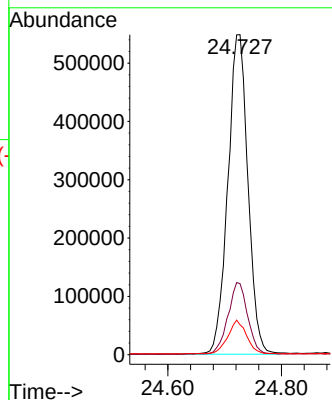
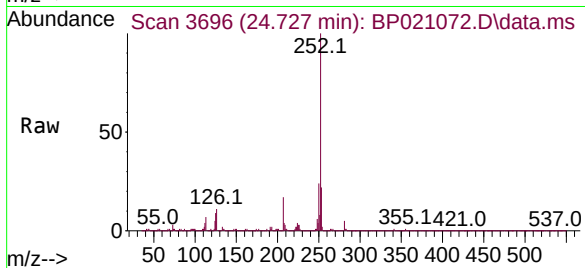
Tgt Ion:252 Resp: 1345768

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.3 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.250 ng/ul

RT: 28.633 min Scan# 4360

Delta R.T. -0.071 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

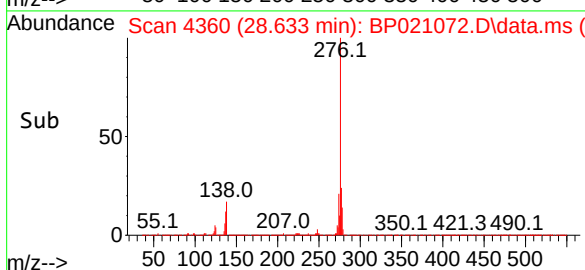
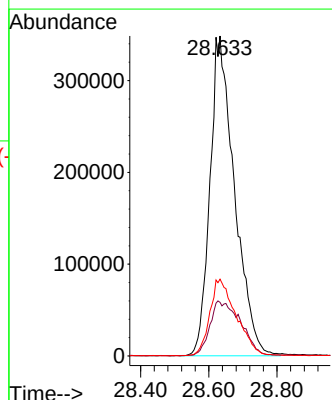
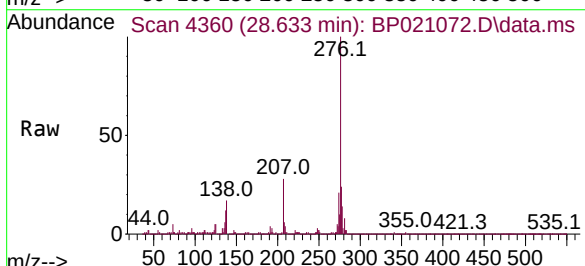
Tgt Ion:276 Resp: 1745071

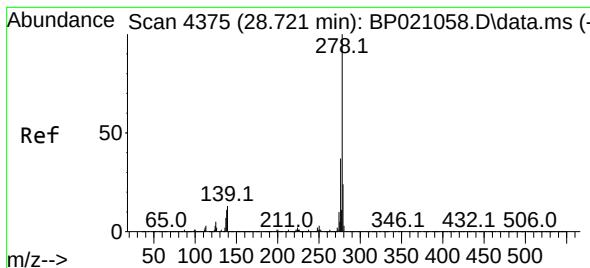
Ion Ratio Lower Upper

276 100

138 16.8 14.3 21.5

277 24.0 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 8.238 ng/ul

RT: 28.680 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Instrument :

BNA_P

ClientSampleId :

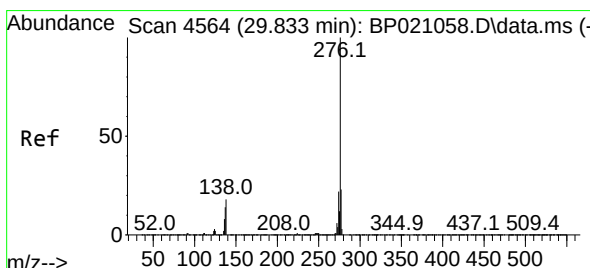
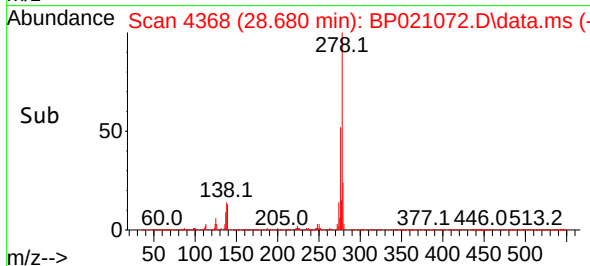
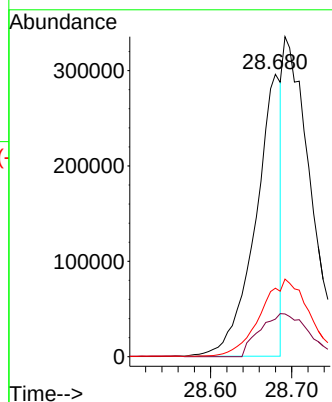
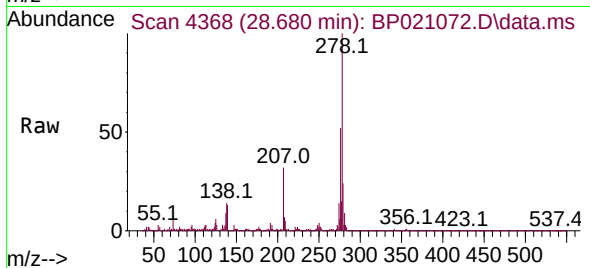
Tgt Ion:278 Resp: 652331

Ion Ratio Lower Upper

278 100

139 13.3 10.9 16.3

279 24.3 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 18.198 ng/ul

RT: 29.821 min Scan# 4562

Delta R.T. -0.030 min

Lab File: BP021072.D

Acq: 19 Jul 2024 10:42

Tgt Ion:276 Resp: 1417170

Ion Ratio Lower Upper

276 100

138 18.9 15.3 22.9

277 23.6 18.2 27.2

