

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072122\
 Data File : BP011073.D
 Acq On : 21 Jul 2022 21:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 21 23:26:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 19 03:25:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	430445	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.463	136	1632896	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.334	164	817944	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1468009	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.221	240	1396660	20.000	ng/u1	# 0.00
88) Perylene-d12	23.568	264	1551550	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	108346	9.074	ng/uL	0.00
4) Pyridine-d5	3.587	84	667347	21.624	ng/u1	0.00
7) Phenol-d5	6.852	99	732892	20.742	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	498067	21.921	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	632614	22.158	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	565318	19.985	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	283115	23.792	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	272231	23.120	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	474718	22.045	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.610	131	715333	20.150	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1228237	21.971	ng/u1	-0.01
49) Acenaphthylene-d8	14.022	160	1548151	23.471	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	204402	18.066	ng/u1	0.00
60) Fluorene-d10	15.334	176	1024728	21.565	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	140747	19.376	ng/u1	0.00
73) Anthracene-d10	17.198	188	1445959	23.169	ng/u1	0.00
81) Pyrene-d10	19.457	212	1582158	21.569	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.415	264	1719165	23.070	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	114644	9.151	ng/uL#	82
5) Pyridine	3.605	79	688030	21.633	ng/u1#	75
6) Benzaldehyde	6.822	77	364152	21.218	ng/u1	98
8) Phenol	6.875	94	778753	20.735	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.105	93	645208	21.646	ng/u1	91
12) 2-Chlorophenol	7.234	128	654699	22.184	ng/u1	94
13) 2-Methylphenol	8.122	108	567468	20.431	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.199	45	482945	11.846	ng/u1	97
16) Acetophenone	8.499	105	878015	20.504	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.487	70	446110	20.763	ng/u1	93
18) 4-Methylphenol	8.452	108	592890	19.993	ng/u1	97
19) Hexachloroethane	8.740	117	275717	23.608	ng/u1#	77
22) Nitrobenzene	8.875	77	663754	23.719	ng/u1	93
23) Isophorone	9.404	82	1161560	22.178	ng/u1	98
25) 2-Nitrophenol	9.581	139	307135	23.238	ng/u1#	84
26) 2,4-Dimethylphenol	9.651	107	628145	22.474	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.893	93	765630	22.089	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	487441	21.870	ng/u1	99
30) Naphthalene	10.516	128	1881810	22.615	ng/u1	100
32) 4-Chloroaniline	10.634	127	715198	20.368	ng/u1	99
33) Hexachlorobutadiene	10.798	225	309279	23.839	ng/u1	95
34) Caprolactam	11.428	113	163595	20.944	ng/u1	89
35) 4-Chloro-3-methylphenol	11.769	107	510476	20.266	ng/u1	97
36) 2-Methylnaphthalene	12.134	142	1160766	21.518	ng/u1	98

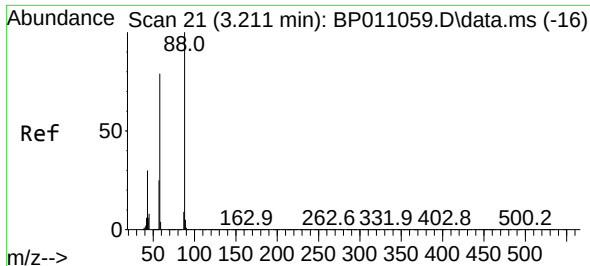
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072122\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1161400	21.479	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	517289	23.979	ng/ul#	98
40) Hexachlorocyclopentadiene	12.481	237	331426	24.804	ng/ul	95
41) 2,4,6-Trichlorophenol	12.757	196	319994	22.524	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	340108	22.401	ng/ul	100
43) 1,1'-Biphenyl	13.163	154	1430371	23.437	ng/ul#	96
44) 2-Chloronaphthalene	13.198	162	1074457	23.439	ng/ul	97
47) Dimethylphthalate	13.798	163	1234996	21.894	ng/ul	98
48) 2,6-Dinitrotoluene	13.916	165	233253	22.840	ng/ul	97
50) Acenaphthylene	14.051	152	1717289	23.203	ng/ul	98
51) 3-Nitroaniline	14.251	138	160595	13.089	ng/ul	94
52) Acenaphthene	14.398	153	1109940	22.638	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	122789	20.551	ng/ul#	85
55) 4-Nitrophenol	14.563	109	191065	22.057	ng/ul#	77
56) Dibenzofuran	14.734	168	1511770	22.345	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	318892	21.891	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.963	232	245917	20.682	ng/ul#	85
59) Diethylphthalate	15.175	149	1236237	21.340	ng/ul	97
61) Fluorene	15.392	166	1180772	21.748	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	543898	21.760	ng/ul	96
63) 4-Nitroaniline	15.422	138	121721	10.794	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.475	198	149124	20.011	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	988924	23.583	ng/ul	97
68) 4-Bromophenyl-phenylether	16.292	248	310964	23.487	ng/ul	94
69) Hexachlorobenzene	16.392	284	347722	22.629	ng/ul#	91
70) Atrazine	16.575	200	320219	22.074	ng/ul	97
71) Pentachlorophenol	16.745	266	218260	23.063	ng/ul	97
72) Phenanthrene	17.145	178	1749612	22.876	ng/ul	98
74) Anthracene	17.233	178	1764604	23.194	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	528089	25.128	ng/uL	97
76) Pentachlorobenzene	14.651	250	448685	24.356	ng/uL	99
77) Carbazole	17.516	167	1585127	22.261	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1991372	22.373	ng/ul	99
80) Fluoranthene	19.127	202	1920029	22.380	ng/ul#	86
82) Pyrene	19.486	202	1982969	22.403	ng/ul#	84
83) Butylbenzylphthalate	20.380	149	915586	23.187	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.145	252	550882	22.276	ng/ul#	97
85) Benzo(a)anthracene	21.204	228	1940814	22.818	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.145	149	1406084	23.866	ng/ul#	95
87) Chrysene	21.257	228	1898672	22.733	ng/ul	100
89) Di-n-octyl phthalate	22.057	149	2408305	23.144	ng/ul	100
90) Benzo(b)fluoranthene	22.857	252	2176335	22.717	ng/ul#	96
91) Benzo(k)fluoranthene	22.904	252	1971994	21.914	ng/ul#	95
93) Benzo(a)pyrene	23.468	252	2106637	22.897	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.004	276	2521139	23.580	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.021	278	2145169	23.186	ng/ul#	92
96) Benzo(g,h,i)perylene	26.751	276	2140917	23.510	ng/ul#	86

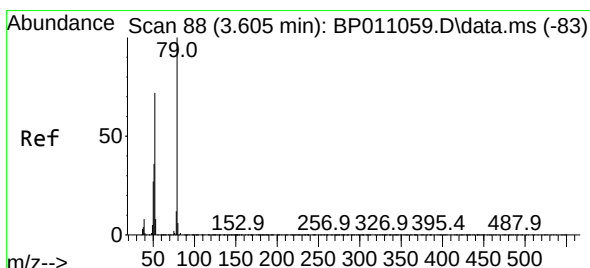
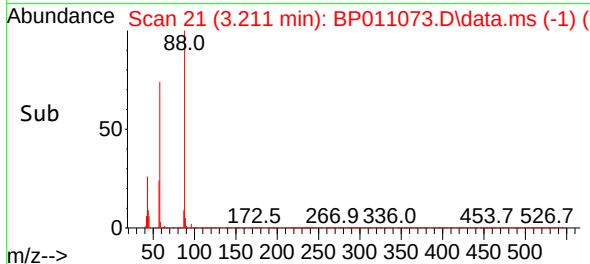
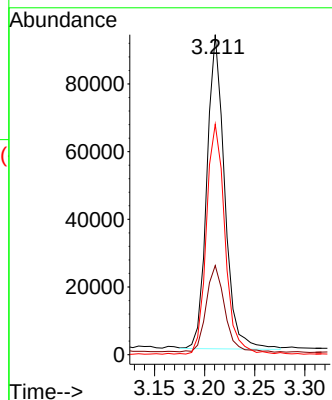
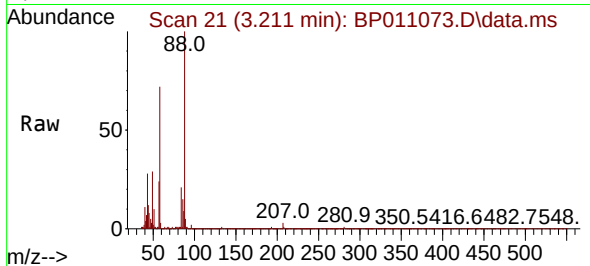
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#2
1,4-Dioxane
Concen: 9.151 ng/uL
RT: 3.211 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

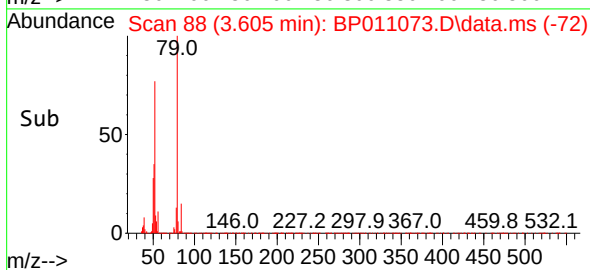
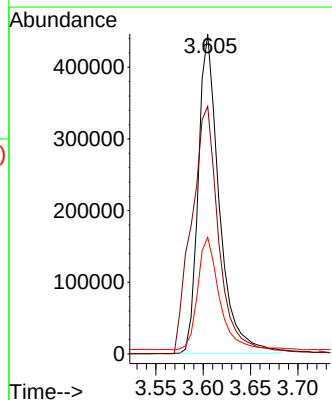
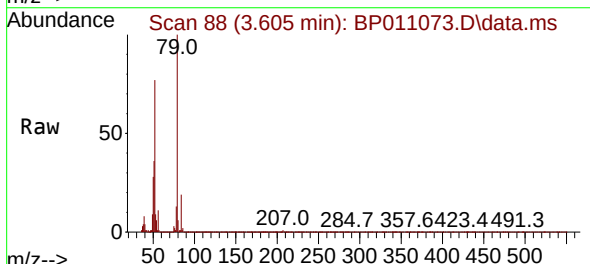
Instrument :
BNA_P
ClientSampleId :

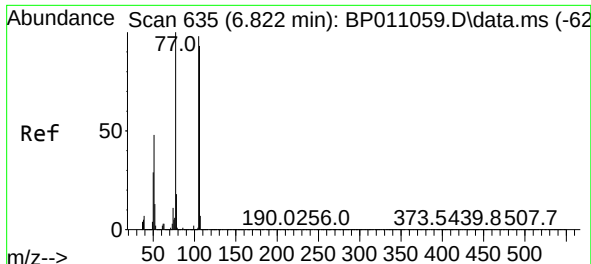
Tgt Ion: 88 Resp: 114644
Ion Ratio Lower Upper
88 100
43 27.8 35.8 53.6#
58 72.0 68.1 102.1



#5
Pyridine
Concen: 21.633 ng/uL
RT: 3.605 min Scan# 88
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion: 79 Resp: 688030
Ion Ratio Lower Upper
79 100
52 77.4 83.8 125.8#
51 36.4 41.0 61.4#

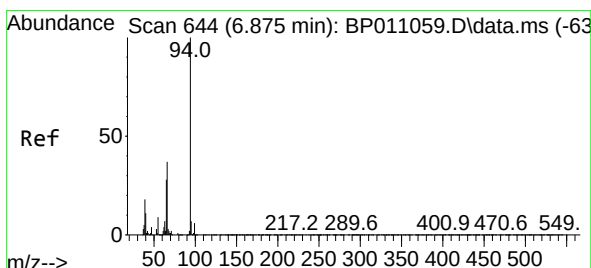
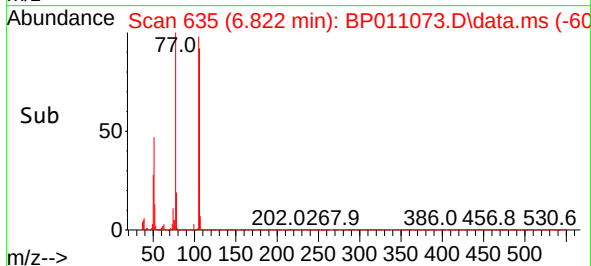
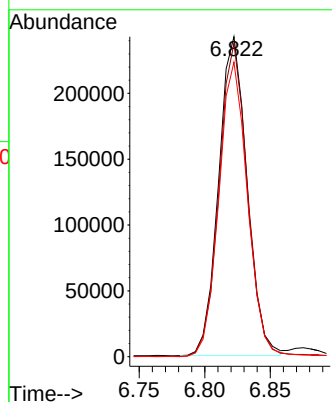
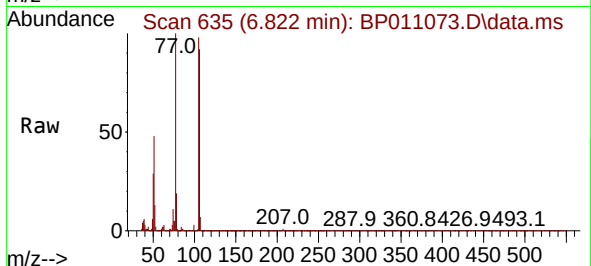




#6
Benzaldehyde
Concen: 21.218 ng/ul
RT: 6.822 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

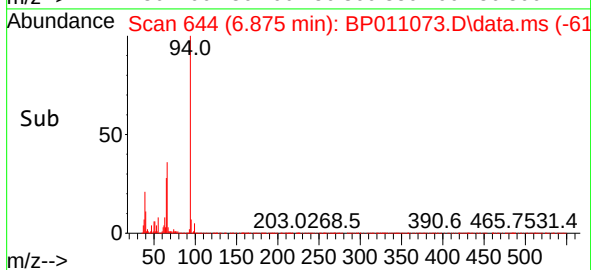
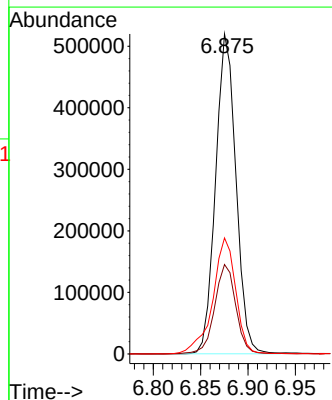
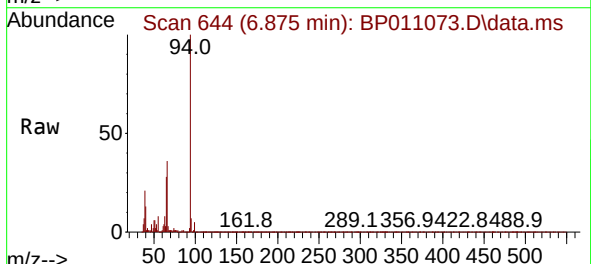
Instrument :
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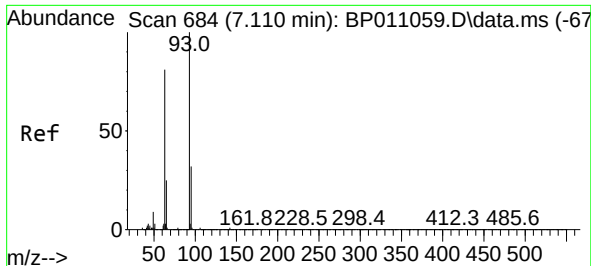
Tgt Ion: 77 Resp: 364152
Ion Ratio Lower Upper
77 100
105 97.9 76.0 114.0
106 92.1 73.2 109.8



#8
Phenol
Concen: 20.735 ng/ul
RT: 6.875 min Scan# 644
Delta R.T. -0.012 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion: 94 Resp: 778753
Ion Ratio Lower Upper
94 100
65 27.9 27.4 41.2
66 36.2 37.4 56.2#

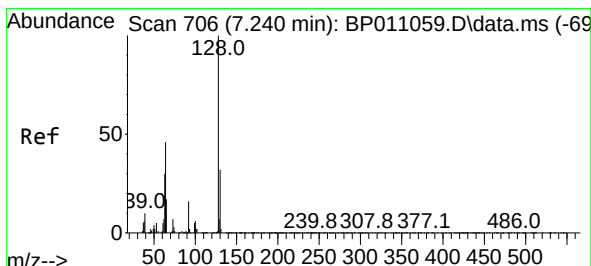
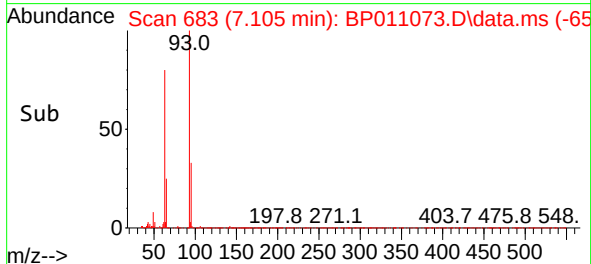
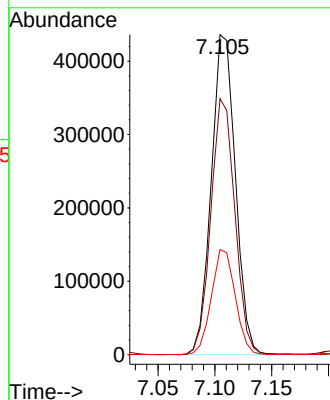
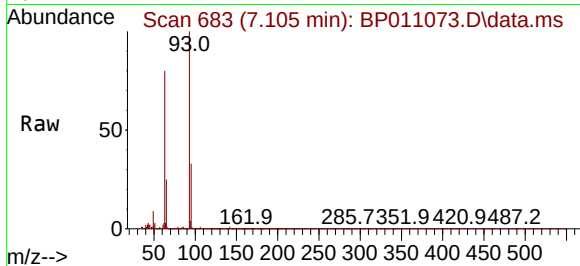




#10
Bis(2-Chloroethyl)ether
Concen: 21.646 ng/ul
RT: 7.105 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

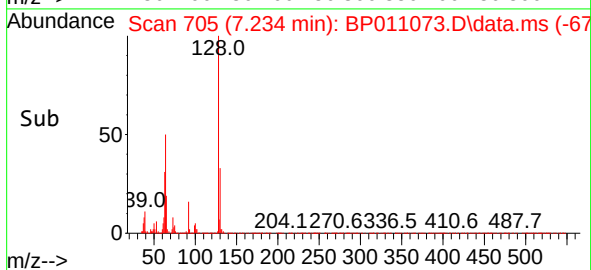
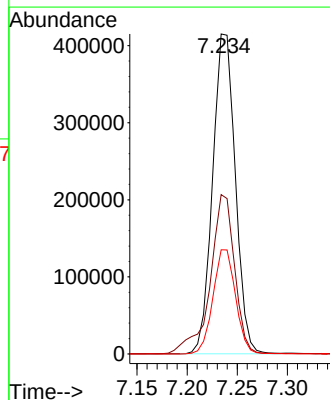
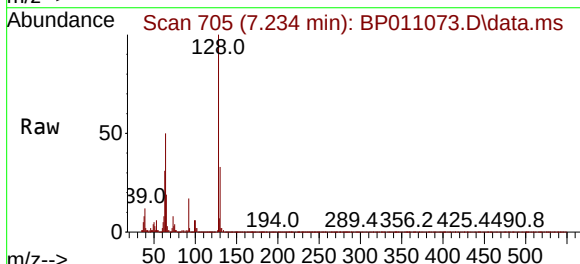
Instrument :
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ClientSampleId :

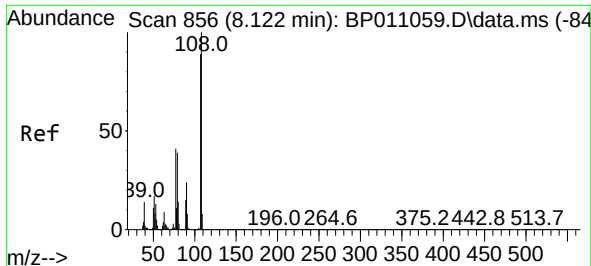
Tgt Ion: 93 Resp: 645208
Ion Ratio Lower Upper
93 100
63 80.0 72.4 108.6
95 32.8 27.3 40.9



#12
2-Chlorophenol
Concen: 22.184 ng/ul
RT: 7.234 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion: 128 Resp: 654699
Ion Ratio Lower Upper
128 100
64 49.8 44.8 67.2
130 32.5 25.8 38.6





#13

2-Methylphenol

Concen: 20.431 ng/ul

RT: 8.122 min Scan# 8

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

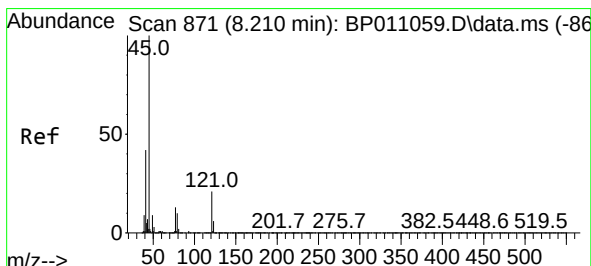
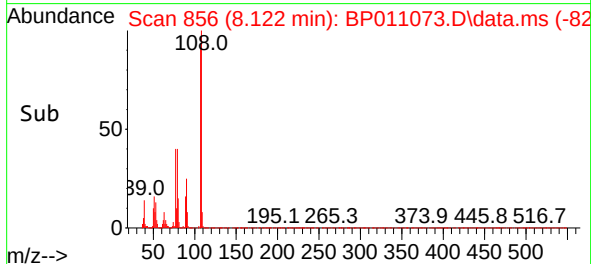
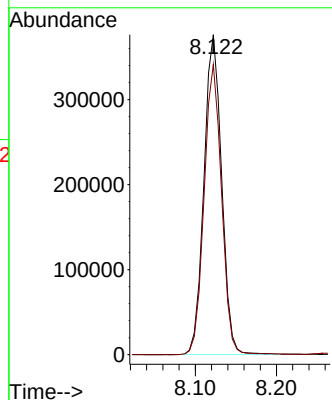
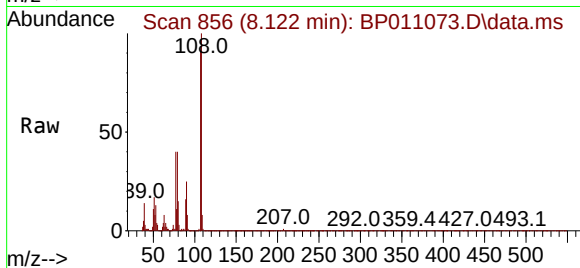
ClientSampleId :

Tgt Ion:108 Resp: 567468

Ion Ratio Lower Upper

108 100

107 90.7 71.4 107.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 11.846 ng/ul

RT: 8.199 min Scan# 869

Delta R.T. -0.018 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

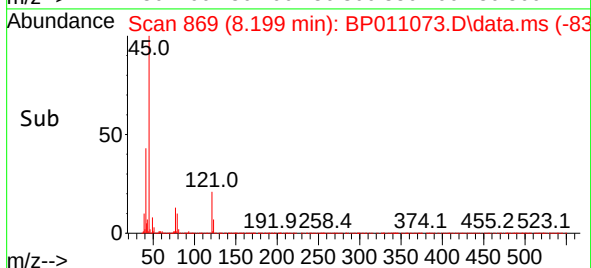
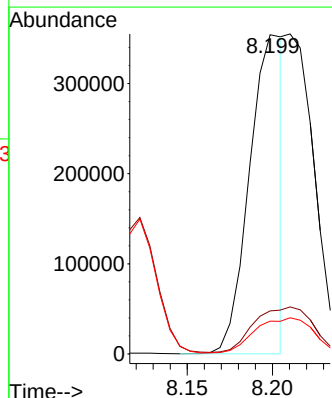
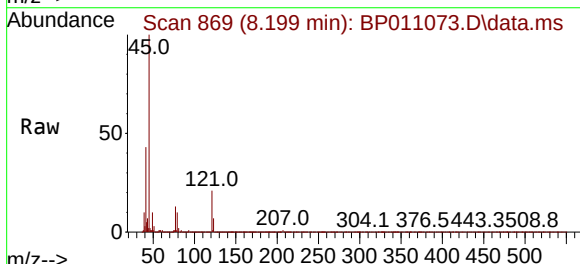
Tgt Ion: 45 Resp: 482945

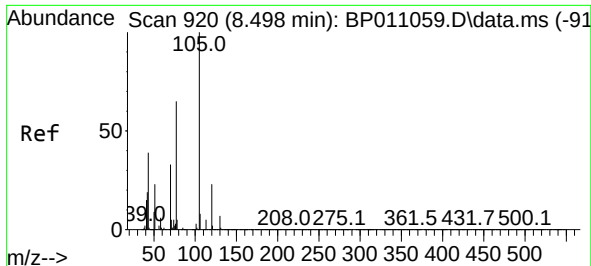
Ion Ratio Lower Upper

45 100

77 13.5 11.2 16.8

79 10.3 6.9 10.3

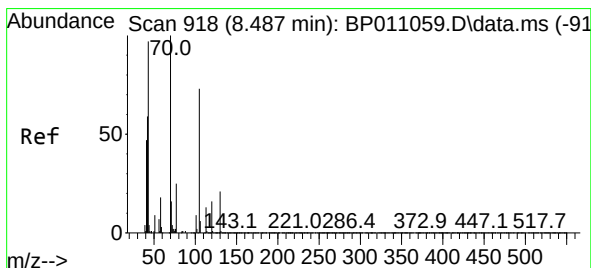
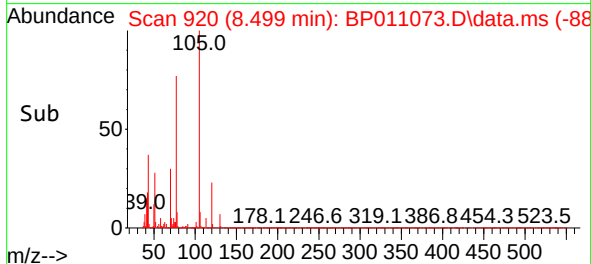
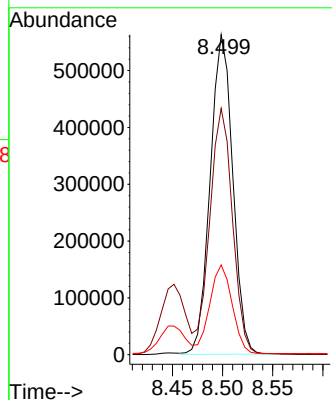
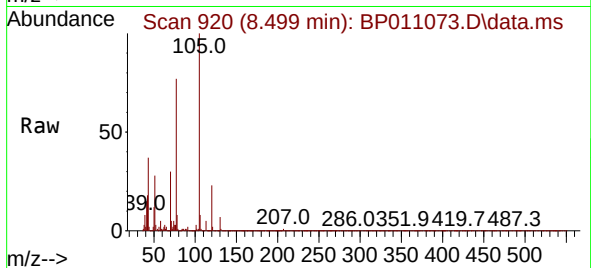




#16
Acetophenone
Concen: 20.504 ng/ul
RT: 8.499 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

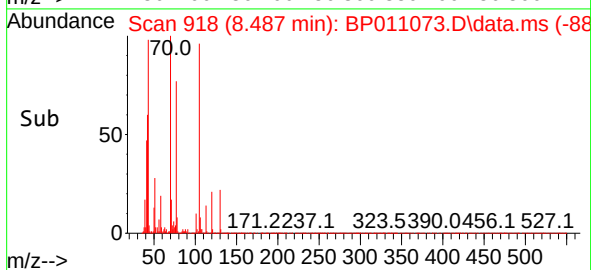
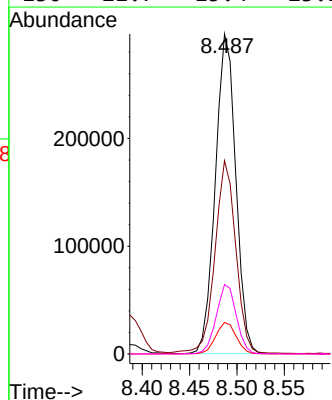
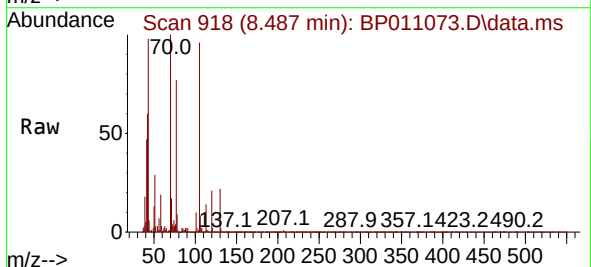
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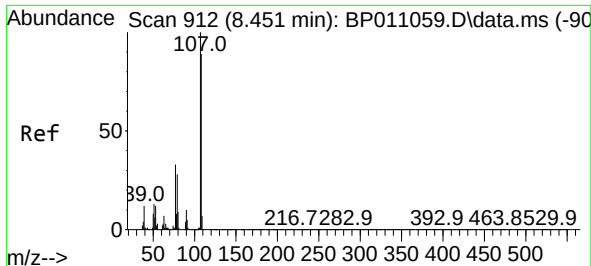
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Ion Ratio Lower Upper
105 100
77 77.0 67.5 101.3
51 28.0 29.6 44.4#



#17
N-Nitroso-di-n-propylamine
Concen: 20.763 ng/ul
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

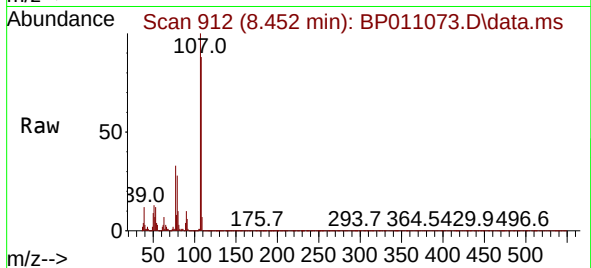
Tgt Ion: 70 Resp: 446110
Ion Ratio Lower Upper
70 100
42 60.4 53.8 80.8
101 9.9 7.8 11.6
130 21.7 15.4 23.2



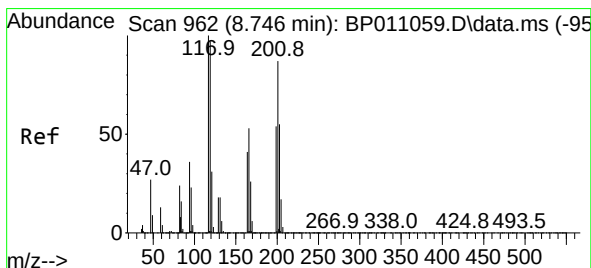
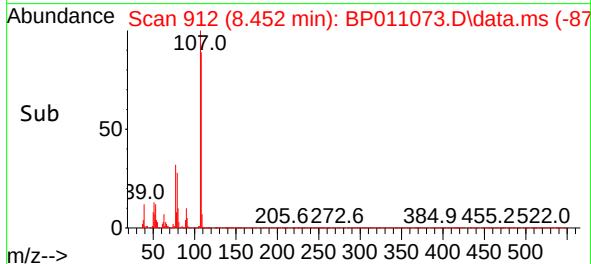
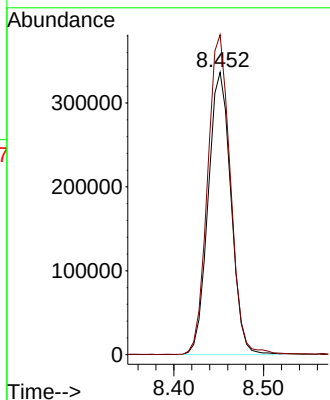


#18
4-Methylphenol
Concen: 19.993 ng/ul
RT: 8.452 min Scan# 912
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Instrument :
BNA_P
ClientSampleId :

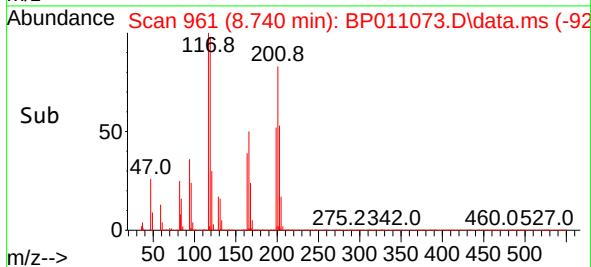
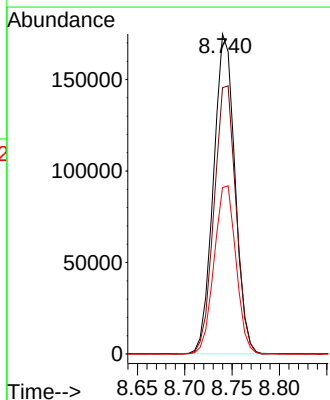
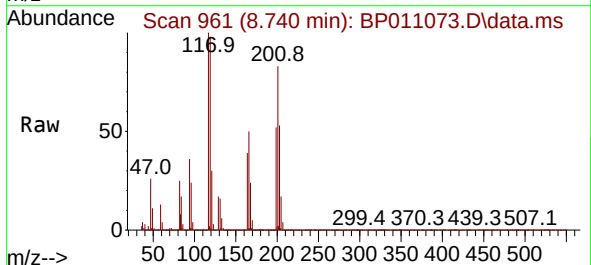


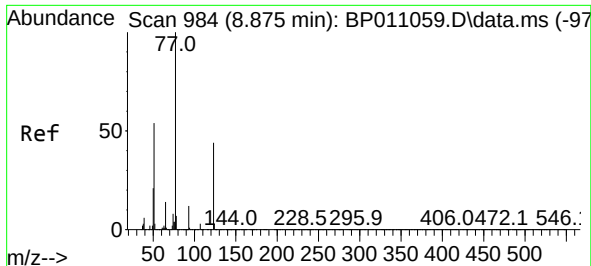
Tgt Ion:108 Resp: 592890
Ion Ratio Lower Upper
108 100
107 113.3 88.3 132.5



#19
Hexachloroethane
Concen: 23.608 ng/ul
RT: 8.740 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:117 Resp: 275717
Ion Ratio Lower Upper
117 100
201 83.2 85.7 128.5#
199 52.0 57.4 86.0#

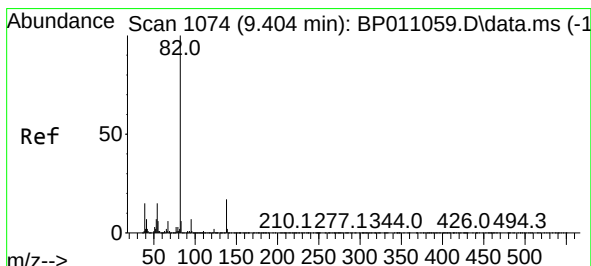
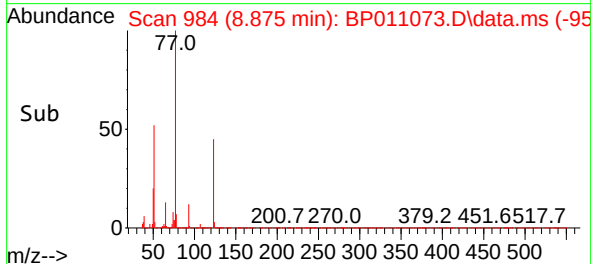
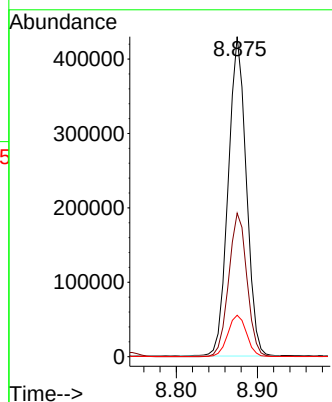
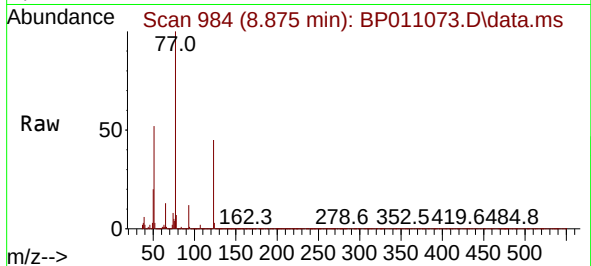




#22
Nitrobenzene
Concen: 23.719 ng/ul
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

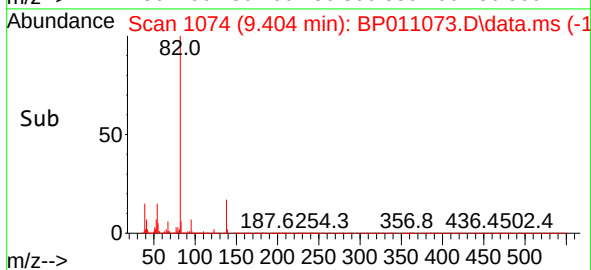
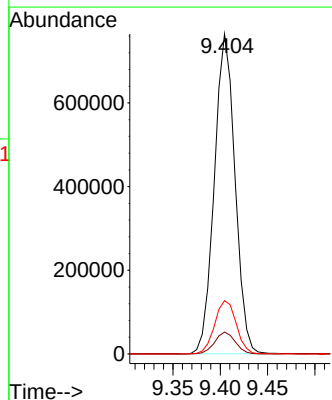
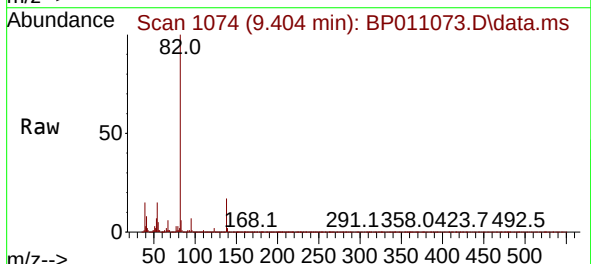
Instrument :
BNA_P
ClientSampleId :

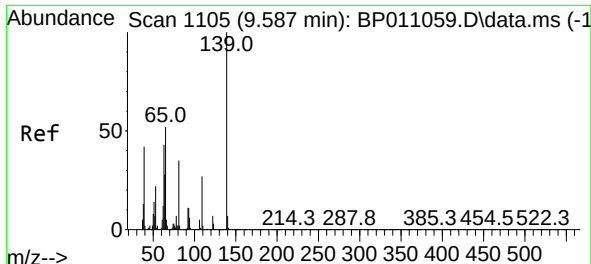
Tgt Ion: 77 Resp: 663754
Ion Ratio Lower Upper
77 100
123 44.8 31.5 47.3
65 12.9 11.4 17.2



#23
Isophorone
Concen: 22.178 ng/ul
RT: 9.404 min Scan# 1074
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion: 82 Resp: 1161560
Ion Ratio Lower Upper
82 100
95 6.9 6.6 10.0
138 16.6 13.8 20.6

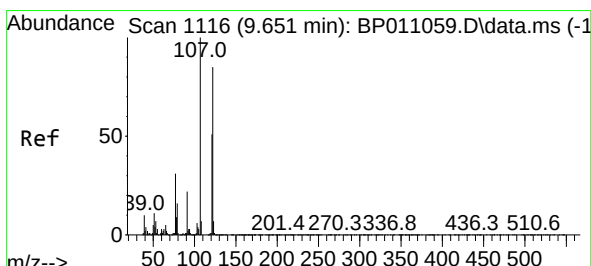
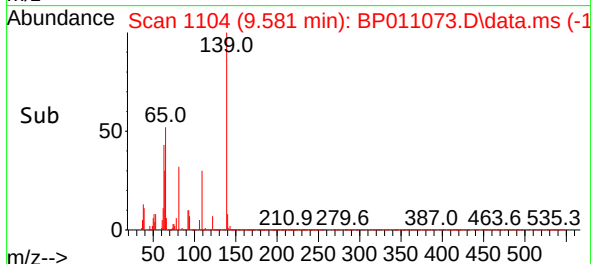
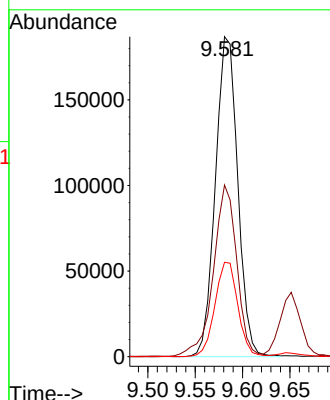
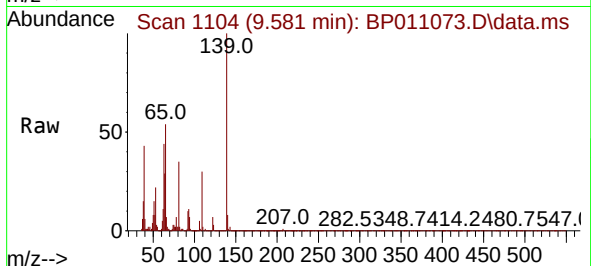




#25
2-Nitrophenol
Concen: 23.238 ng/ul
RT: 9.581 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

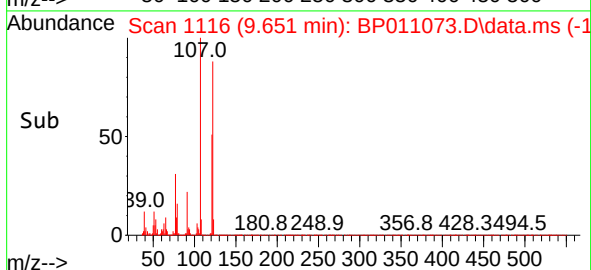
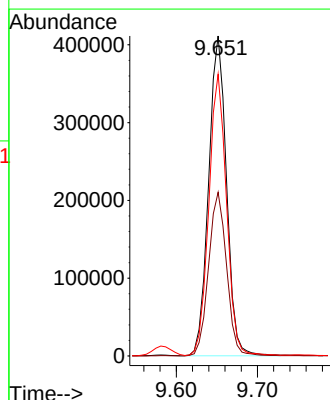
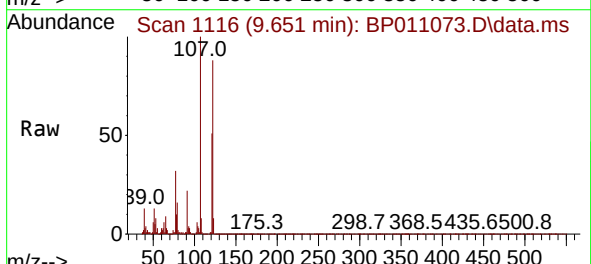
Instrument :
BNA_P
ClientSampleId :

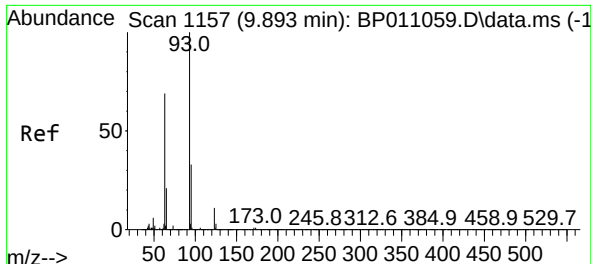
Tgt Ion:139 Resp: 307135
Ion Ratio Lower Upper
139 100
65 53.7 54.2 81.4#
109 29.5 30.6 45.8#



#26
2,4-Dimethylphenol
Concen: 22.474 ng/ul
RT: 9.651 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:107 Resp: 628145
Ion Ratio Lower Upper
107 100
121 51.2 39.1 58.7
122 88.1 66.1 99.1





#27

Bis(2-Chloroethoxy)methane

Concen: 22.089 ng/ul

RT: 9.893 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

ClientSampleId :

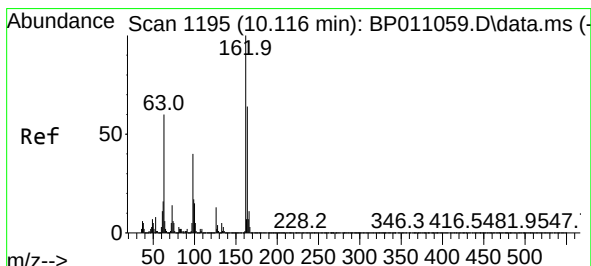
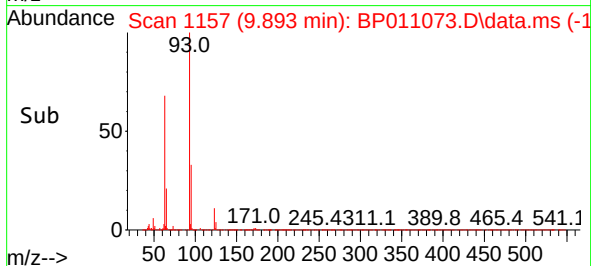
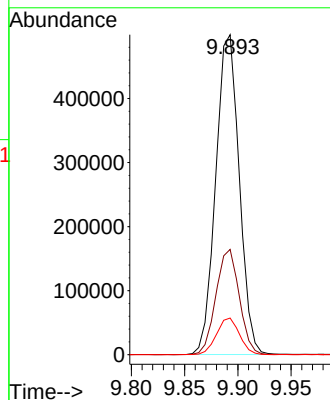
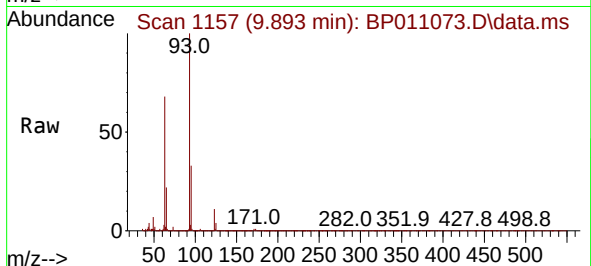
Tgt Ion: 93 Resp: 765630

Ion Ratio Lower Upper

93 100

95 32.9 26.6 39.8

123 11.5 7.8 11.8



#29

2,4-Dichlorophenol

Concen: 21.870 ng/ul

RT: 10.116 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

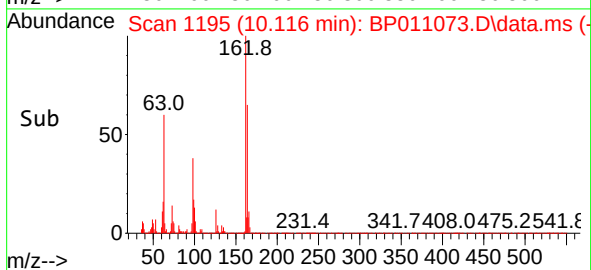
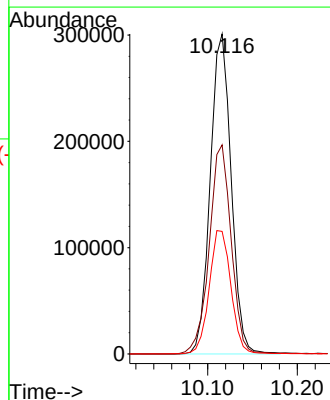
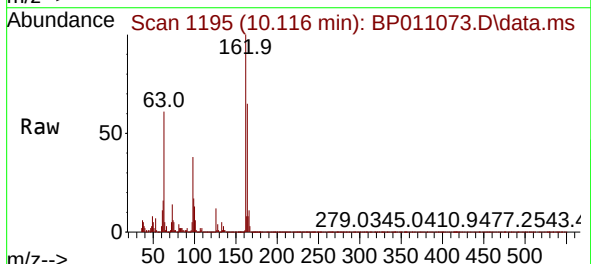
Tgt Ion: 162 Resp: 487441

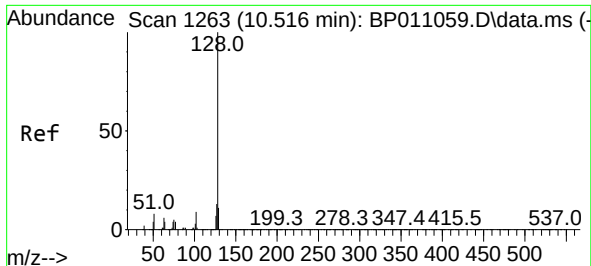
Ion Ratio Lower Upper

162 100

164 65.3 52.5 78.7

98 38.3 31.4 47.0

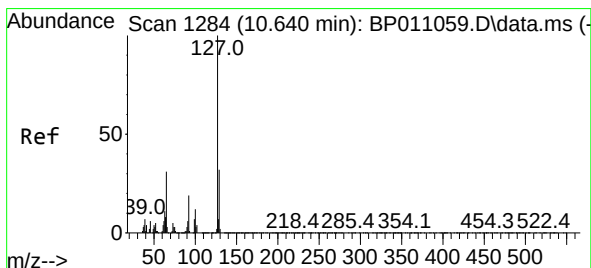
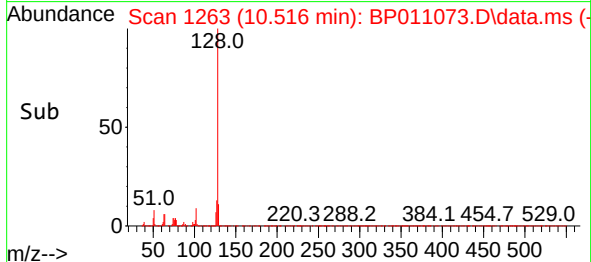
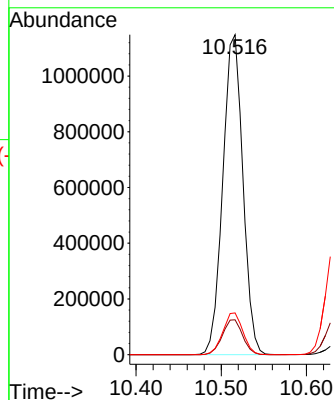
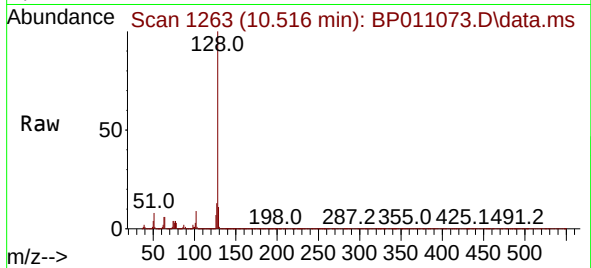




#30
Naphthalene
Concen: 22.615 ng/ul
RT: 10.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

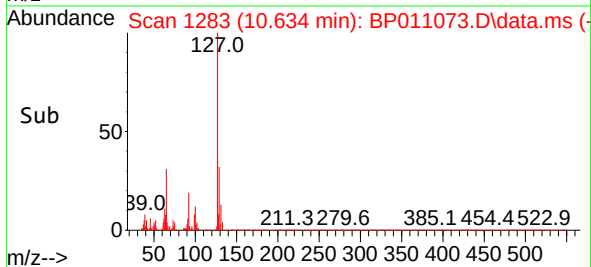
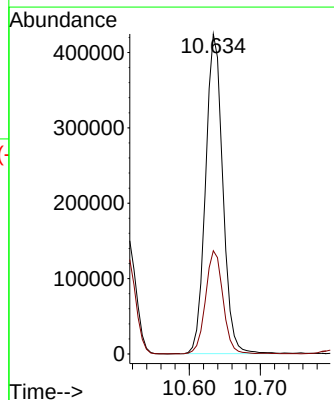
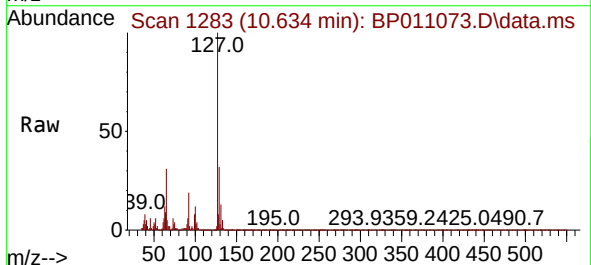
Instrument :
BNA_P
ClientSampleId :

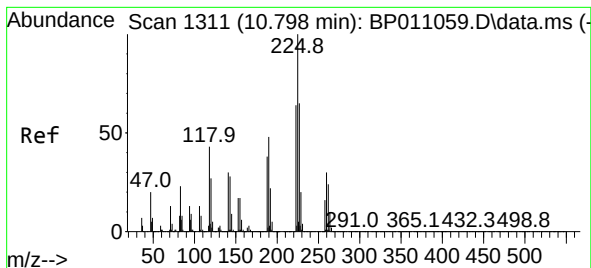
Tgt Ion:128 Resp: 1881810
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.2 15.4



#32
4-Chloroaniline
Concen: 20.368 ng/ul
RT: 10.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:127 Resp: 715198
Ion Ratio Lower Upper
127 100
129 32.3 26.2 39.2





#33

Hexachlorobutadiene

Concen: 23.839 ng/ul

RT: 10.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

ClientSampleId :

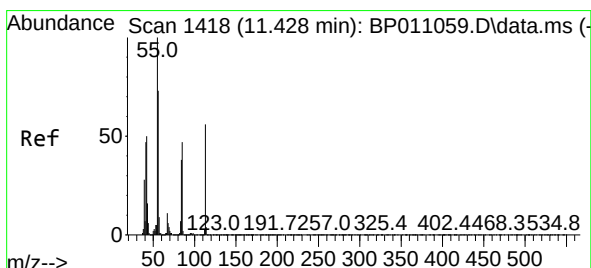
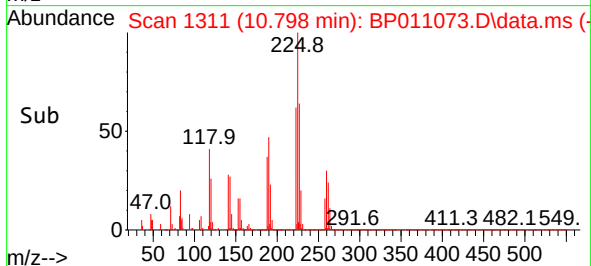
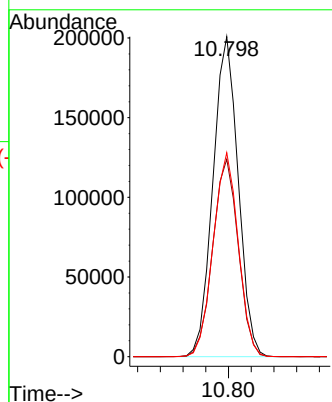
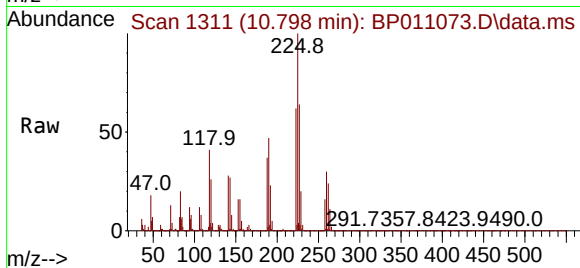
Tgt Ion:225 Resp: 309279

Ion Ratio Lower Upper

225 100

223 61.7 53.7 80.5

227 63.8 49.4 74.2



#34

Caprolactam

Concen: 20.944 ng/ul

RT: 11.428 min Scan# 1418

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

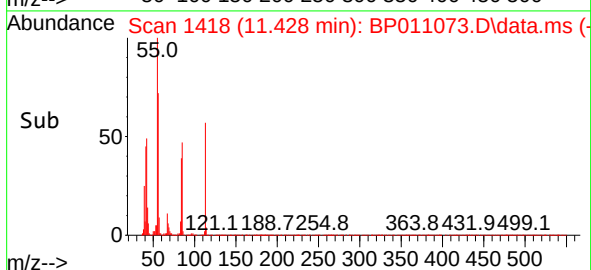
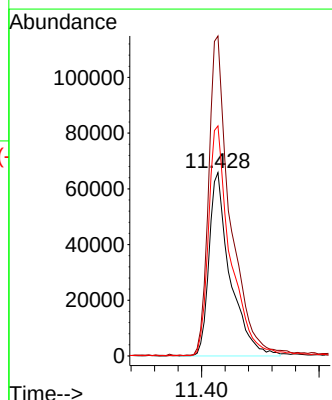
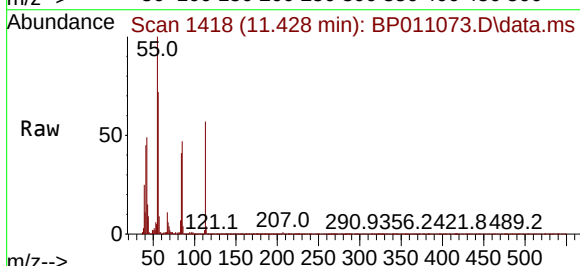
Tgt Ion:113 Resp: 163595

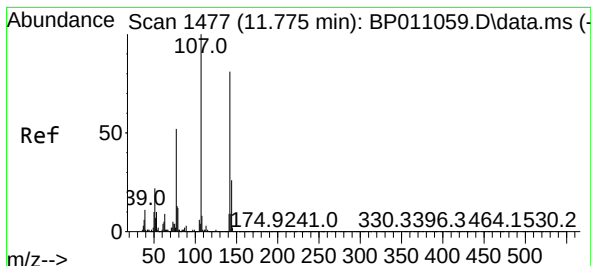
Ion Ratio Lower Upper

113 100

55 174.6 153.8 230.8

56 125.5 110.2 165.4

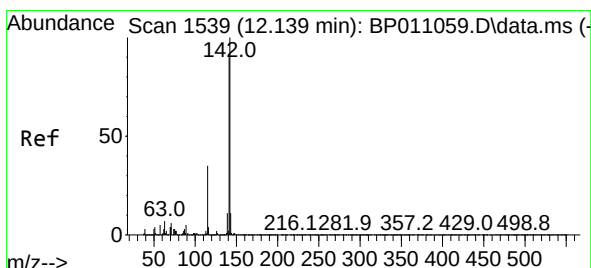
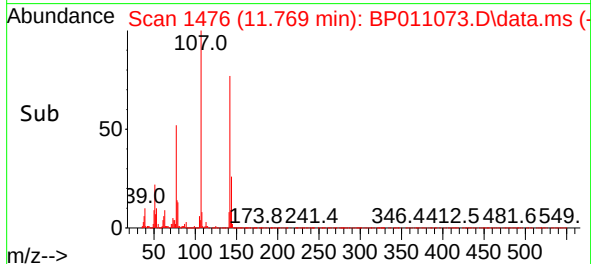
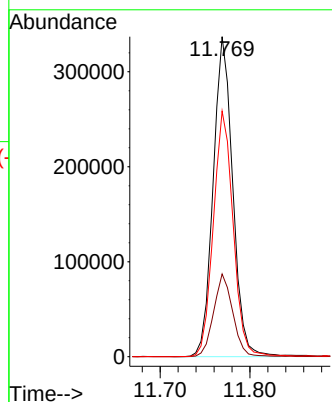
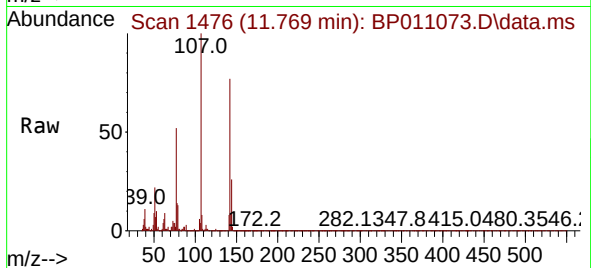




#35
4-Chloro-3-methylphenol
Concen: 20.266 ng/ul
RT: 11.769 min Scan# 1477
Delta R.T. -0.012 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

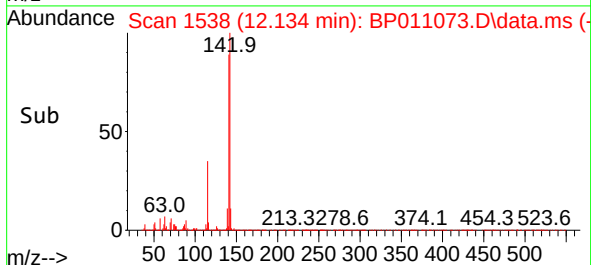
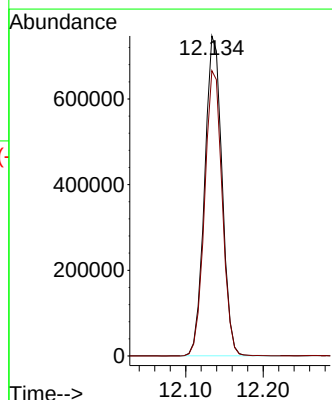
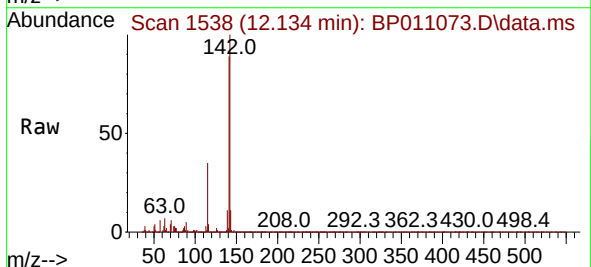
Instrument :
BNA_P
ClientSampleId :

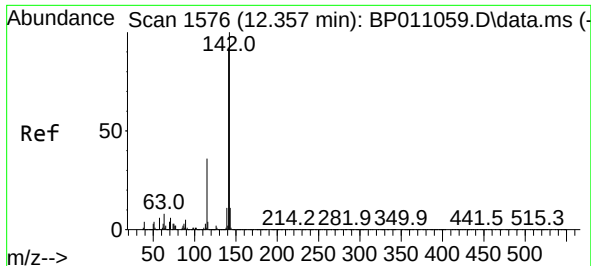
Tgt Ion:107 Resp: 510476
Ion Ratio Lower Upper
107 100
144 25.8 18.6 27.8
142 76.7 59.6 89.4



#36
2-Methylnaphthalene
Concen: 21.518 ng/ul
RT: 12.134 min Scan# 1538
Delta R.T. -0.012 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:142 Resp: 1160766
Ion Ratio Lower Upper
142 100
141 89.2 70.1 105.1





#37

1-Methylnaphthalene

Concen: 21.479 ng/ul

RT: 12.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

ClientSampleId :

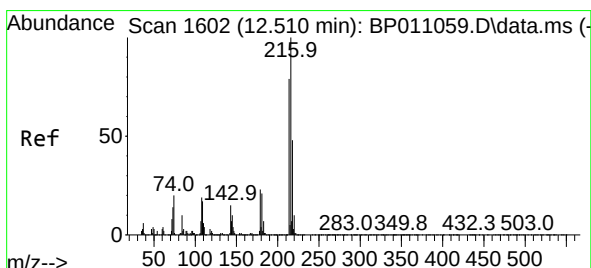
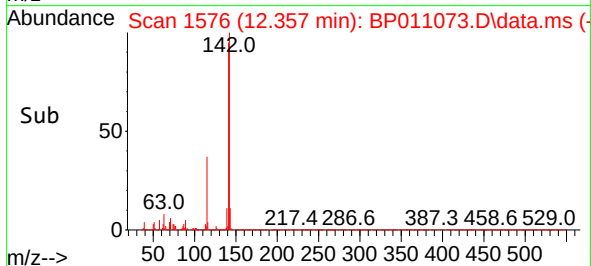
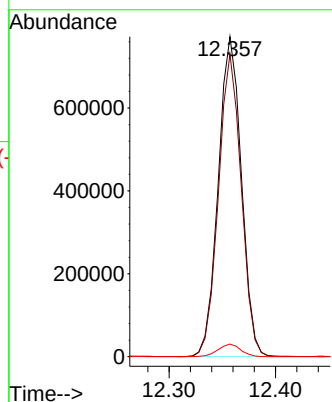
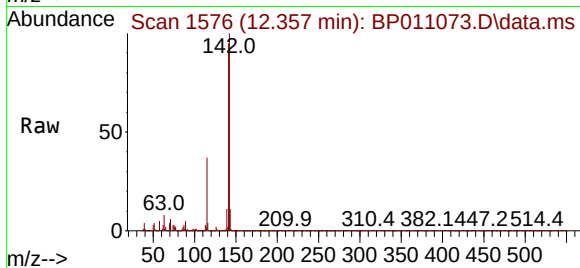
Tgt Ion:142 Resp: 1161400

Ion Ratio Lower Upper

142 100

141 94.6 73.3 109.9

116 3.9 4.0 6.0#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.979 ng/ul

RT: 12.504 min Scan# 1601

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Tgt Ion:216 Resp: 517289

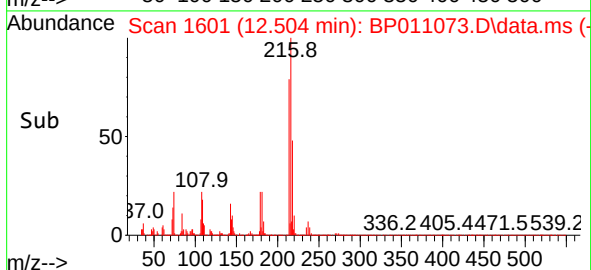
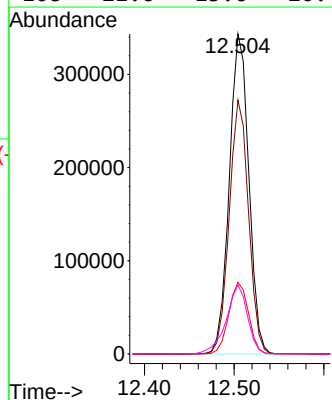
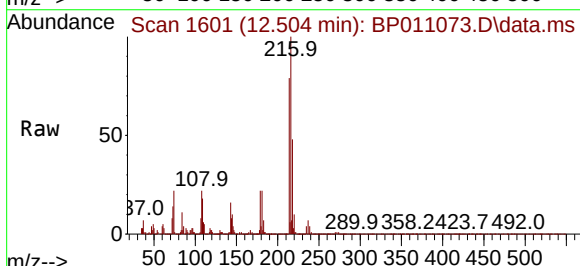
Ion Ratio Lower Upper

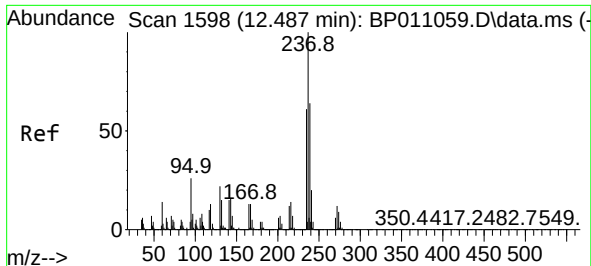
216 100

214 79.3 63.0 94.6

179 22.4 18.1 27.1

108 21.6 13.6 20.4#

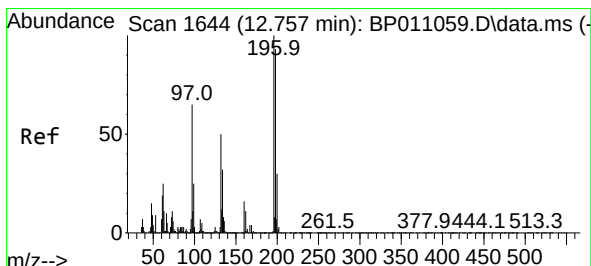
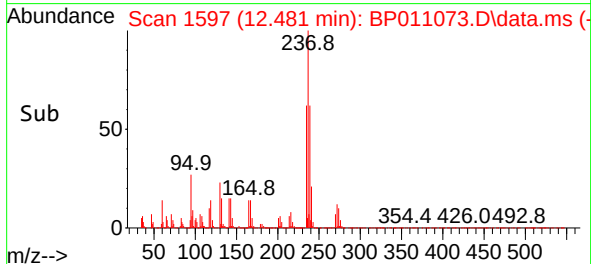
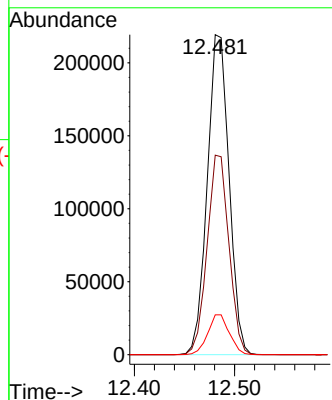
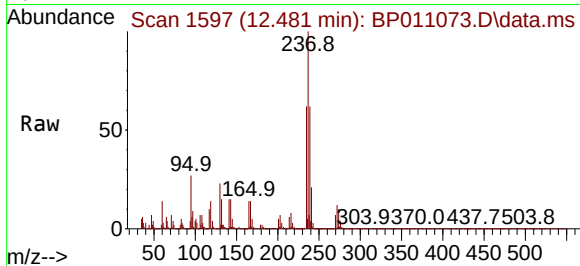




#40
 Hexachlorocyclopentadiene
 Concen: 24.804 ng/ul
 RT: 12.481 min Scan# 1598
 Delta R.T. -0.012 min
 Lab File: BP011073.D
 Acq: 21 Jul 2022 21:22

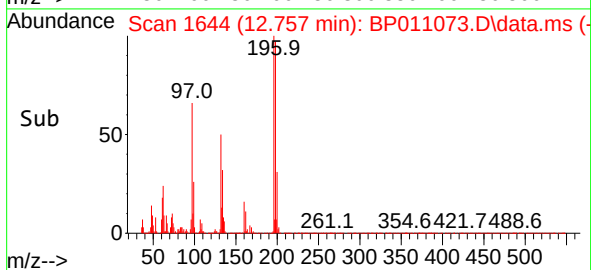
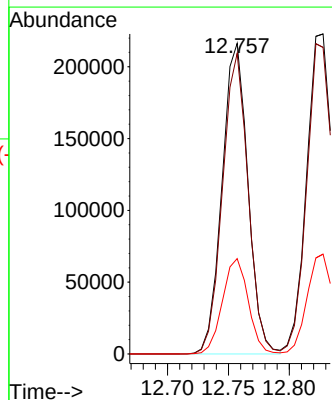
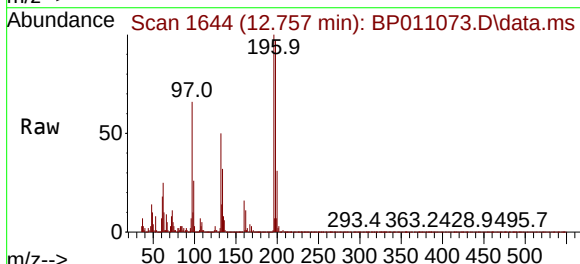
Instrument :
 BNA_P
 ClientSampleId :

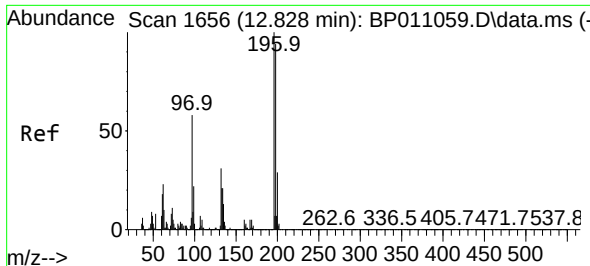
Tgt Ion:237 Resp: 331426
 Ion Ratio Lower Upper
 237 100
 235 62.4 52.8 79.2
 272 12.5 11.5 17.3



#41
 2,4,6-Trichlorophenol
 Concen: 22.524 ng/ul
 RT: 12.757 min Scan# 1644
 Delta R.T. -0.006 min
 Lab File: BP011073.D
 Acq: 21 Jul 2022 21:22

Tgt Ion:196 Resp: 319994
 Ion Ratio Lower Upper
 196 100
 198 96.8 78.2 117.4
 200 30.7 25.0 37.6

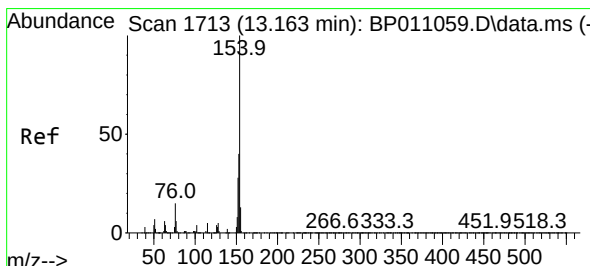
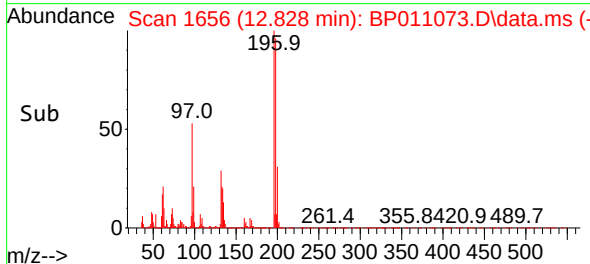
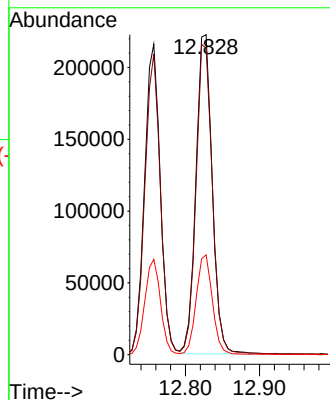
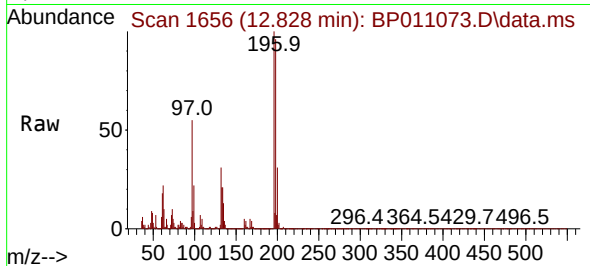




#42
2,4,5-Trichlorophenol
Concen: 22.401 ng/ul
RT: 12.828 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

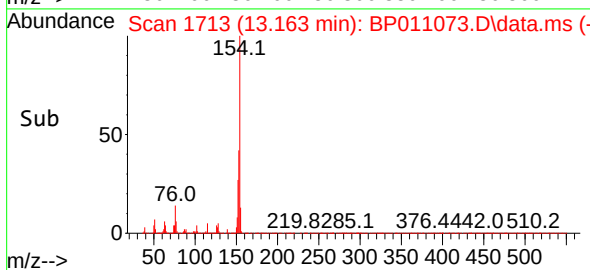
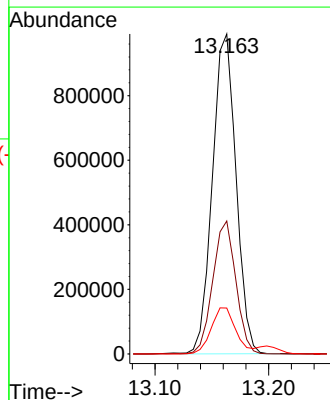
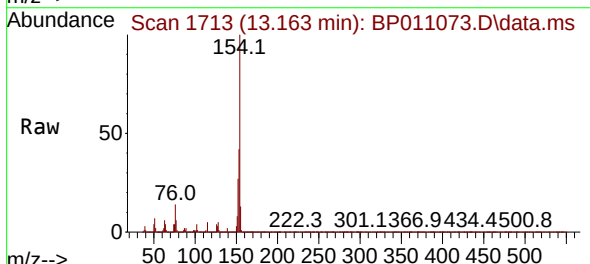
Instrument :
BNA_P
ClientSampleId :

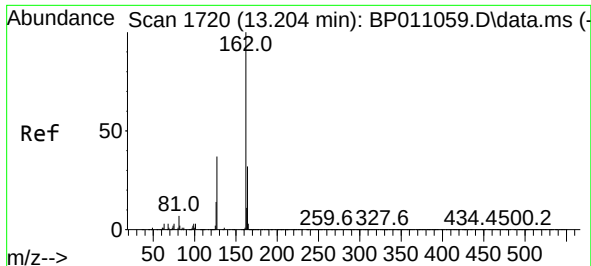
Tgt Ion:196 Resp: 340108
Ion Ratio Lower Upper
196 100
198 95.8 77.0 115.4
200 31.2 24.8 37.2



#43
1,1'-Biphenyl
Concen: 23.437 ng/ul
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:154 Resp: 1430371
Ion Ratio Lower Upper
154 100
153 41.5 31.9 47.9
76 14.4 9.2 13.8#

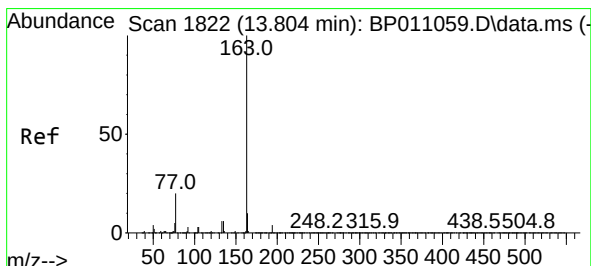
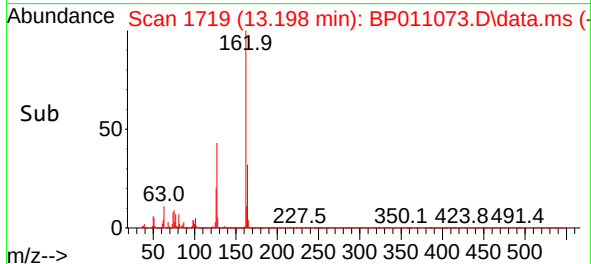
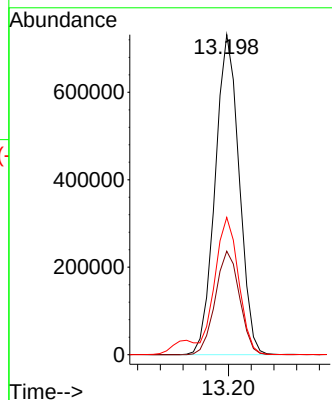
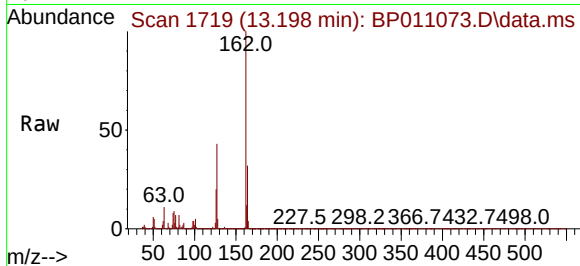




#44
2-Chloronaphthalene
Concen: 23.439 ng/ul
RT: 13.198 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

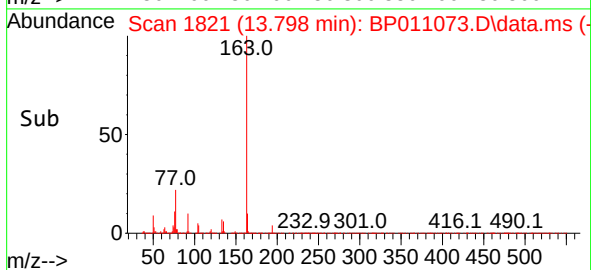
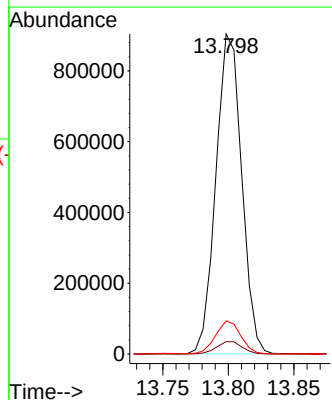
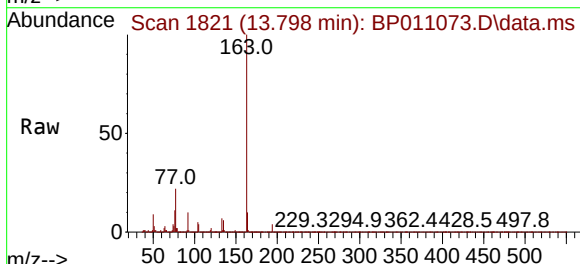
Instrument :
BNA_P
ClientSampleId :

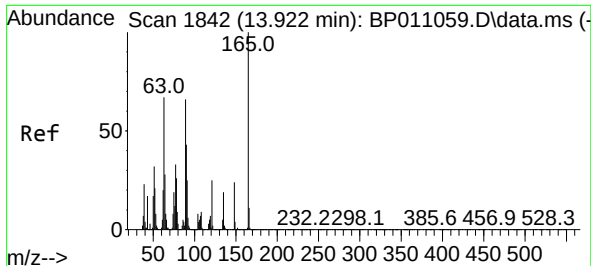
Tgt Ion:162 Resp: 1074457
Ion Ratio Lower Upper
162 100
164 32.4 25.5 38.3
127 42.9 31.9 47.9



#47
Dimethylphthalate
Concen: 21.894 ng/ul
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:163 Resp: 1234996
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.4 7.6 11.4

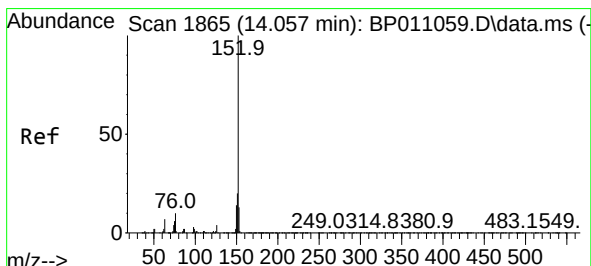
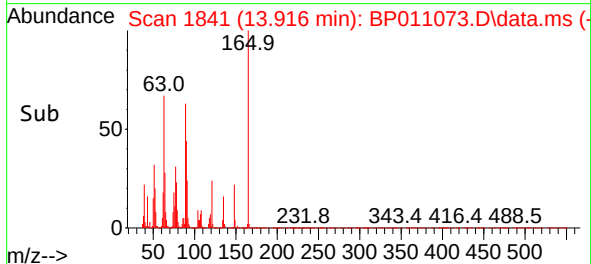
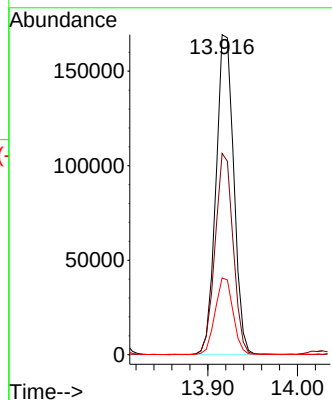
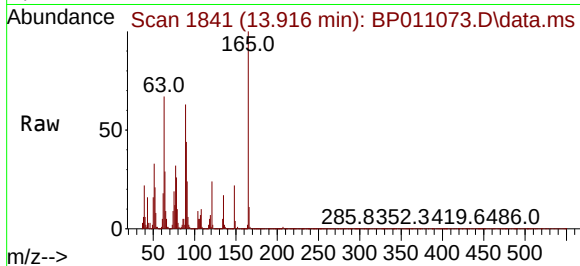




#48
2,6-Dinitrotoluene
Concen: 22.840 ng/ul
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

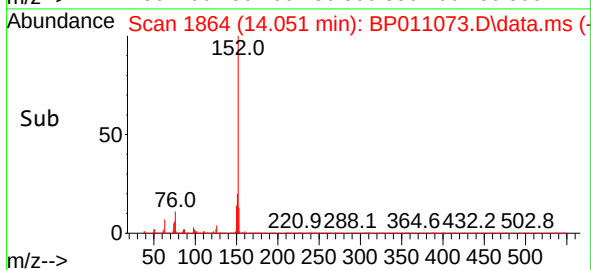
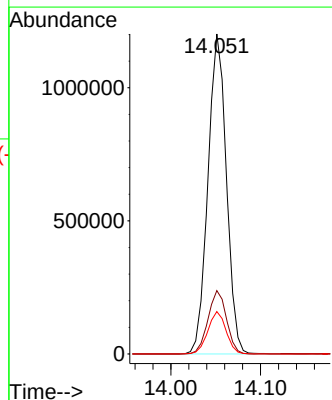
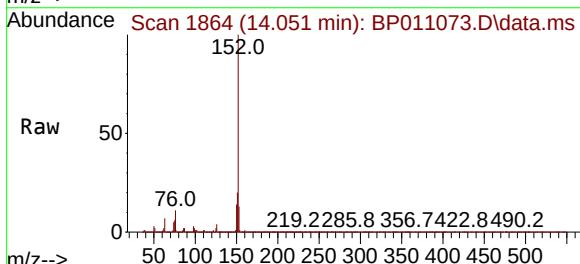
Instrument :
BNA_P
ClientSampleId :

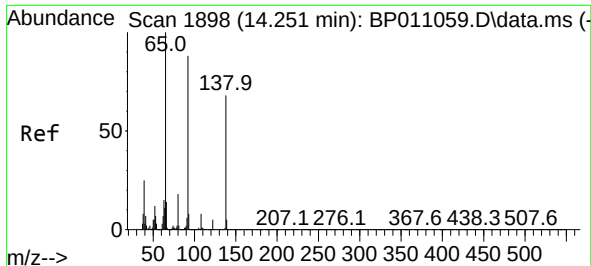
Tgt Ion:165 Resp: 233253
Ion Ratio Lower Upper
165 100
89 62.9 52.9 79.3
121 24.0 19.4 29.2



#50
Acenaphthylene
Concen: 23.203 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:152 Resp: 1717289
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7
153 13.3 10.1 15.1

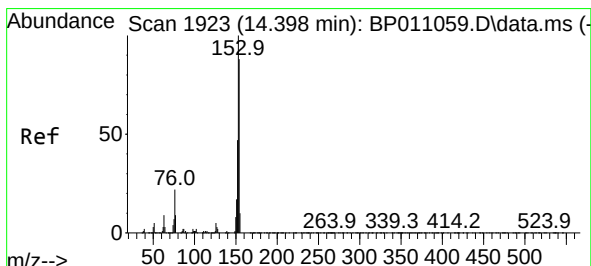
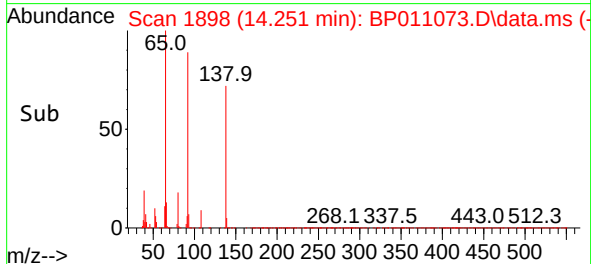
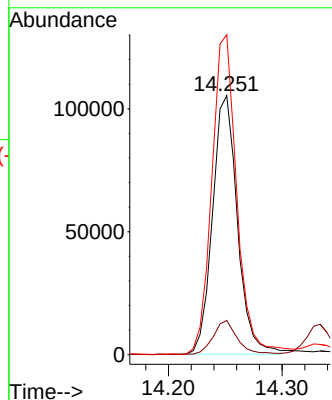
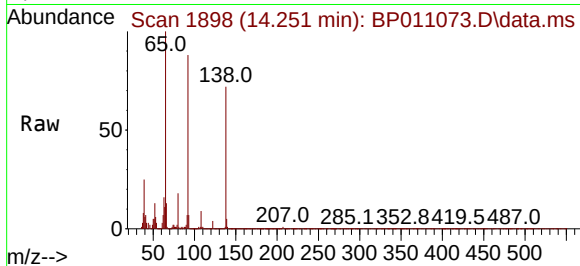




#51
3-Nitroaniline
Concen: 13.089 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

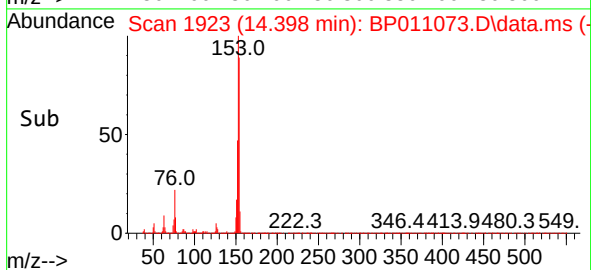
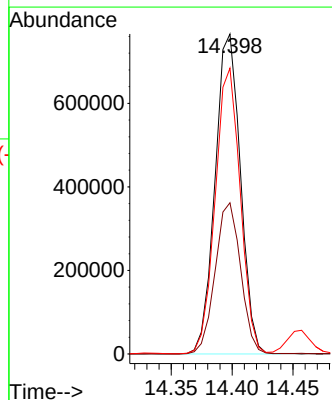
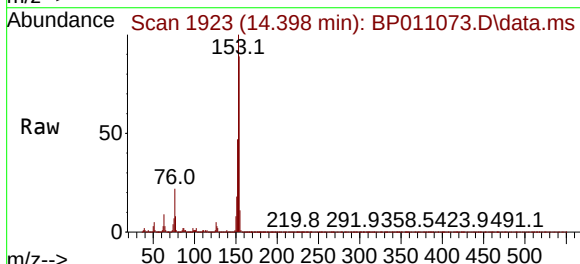
Instrument :
BNA_P
ClientSampleId :

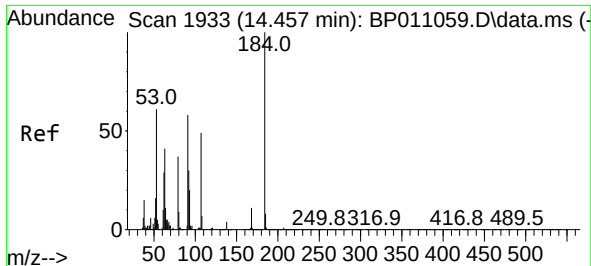
Tgt Ion:138 Resp: 160595
Ion Ratio Lower Upper
138 100
108 13.2 11.0 16.4
92 123.5 104.6 156.8



#52
Acenaphthene
Concen: 22.638 ng/ul
RT: 14.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:153 Resp: 1109940
Ion Ratio Lower Upper
153 100
152 47.3 36.2 54.2
154 89.3 70.8 106.2

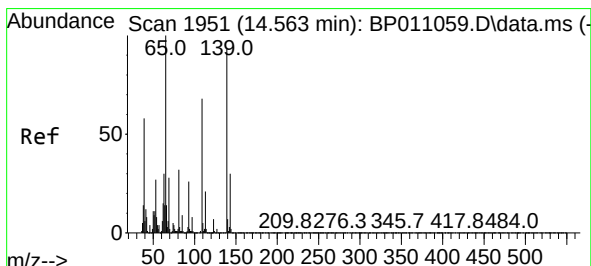
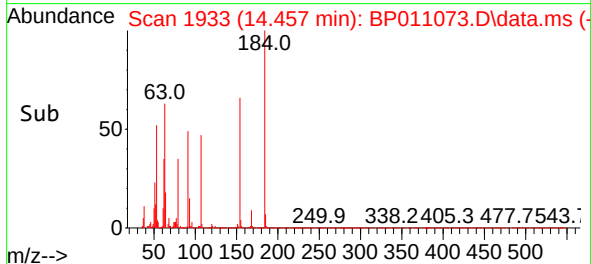
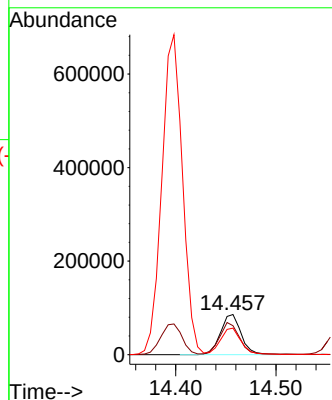
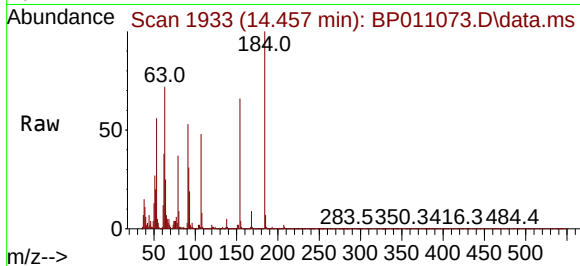




#53
2,4-Dinitrophenol
Concen: 20.551 ng/ul
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

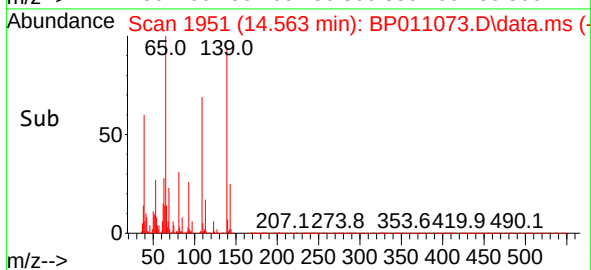
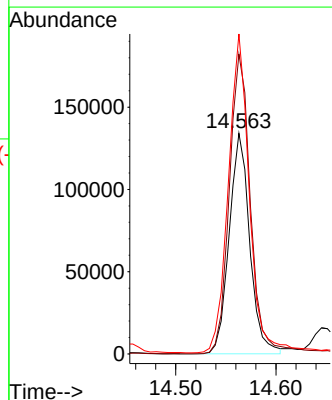
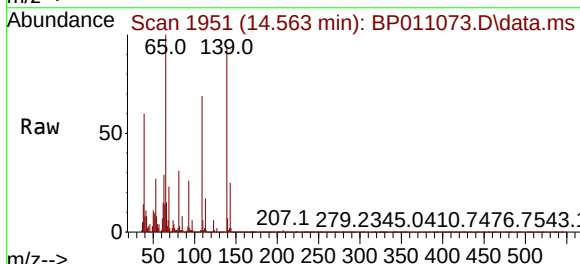
Instrument :
BNA_P
ClientSampleId :

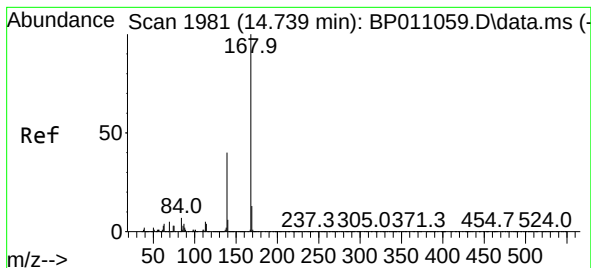
Tgt Ion:184 Resp: 122789
Ion Ratio Lower Upper
184 100
63 72.2 73.8 110.6#
154 66.1 57.2 85.8



#55
4-Nitrophenol
Concen: 22.057 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:109 Resp: 191065
Ion Ratio Lower Upper
109 100
139 135.9 75.6 113.4#
65 145.0 107.6 161.4

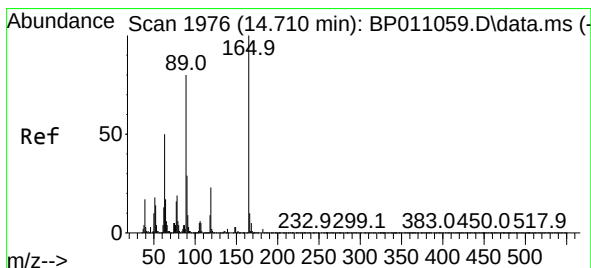
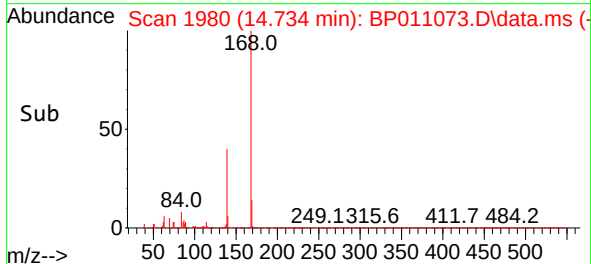
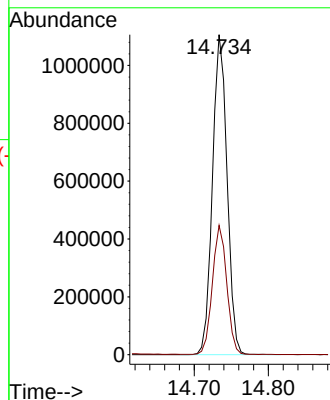
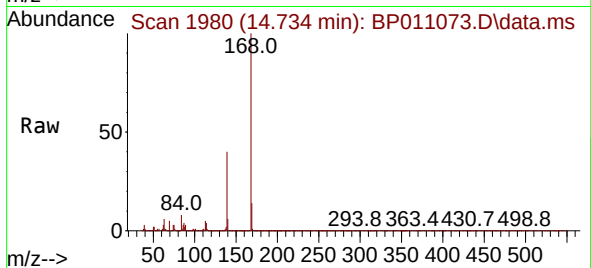




#56
Dibenzofuran
Concen: 22.345 ng/ul
RT: 14.734 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

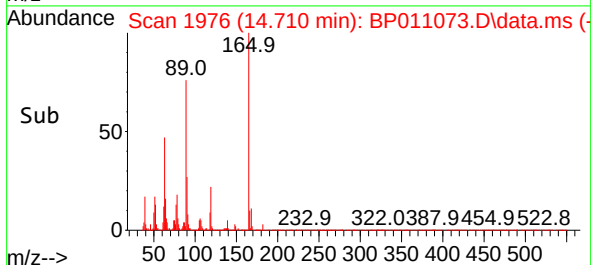
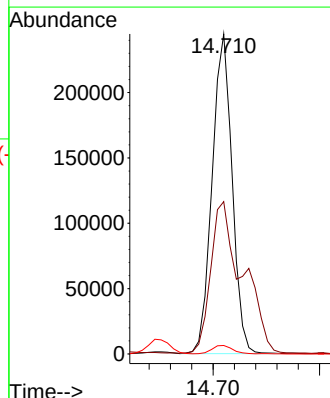
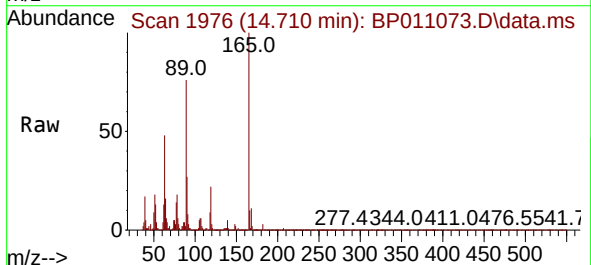
Instrument :
BNA_P
ClientSampleId :

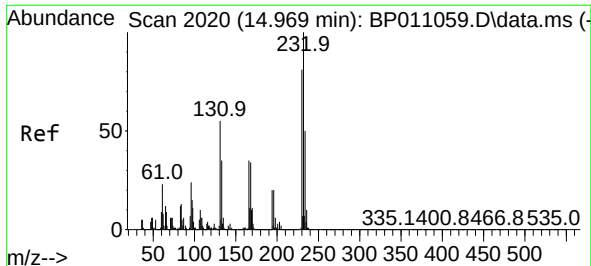
Tgt Ion:168 Resp: 1511770
Ion Ratio Lower Upper
168 100
139 40.4 32.8 49.2



#57
2,4-Dinitrotoluene
Concen: 21.891 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:165 Resp: 318892
Ion Ratio Lower Upper
165 100
63 47.6 47.0 70.6
182 2.7 2.2 3.2

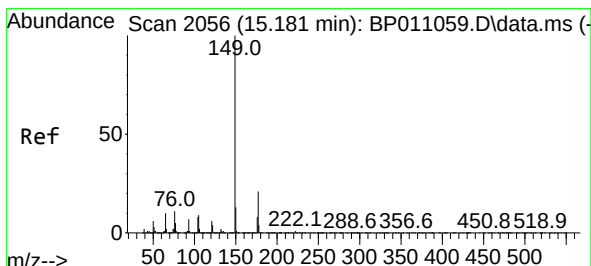
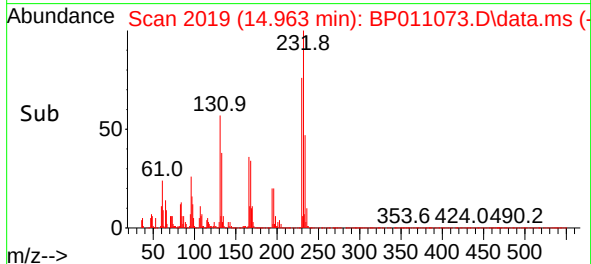
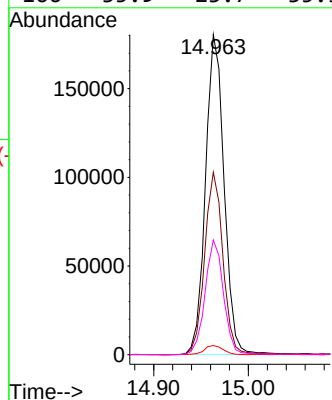
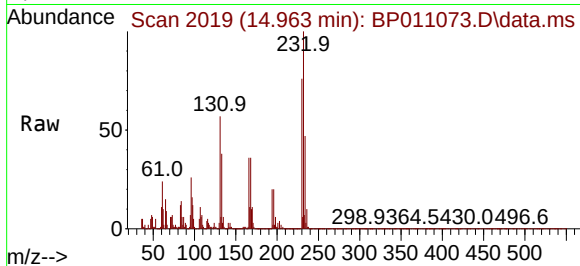




#58
2,3,4,6-Tetrachlorophenol
Concen: 20.682 ng/ul
RT: 14.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

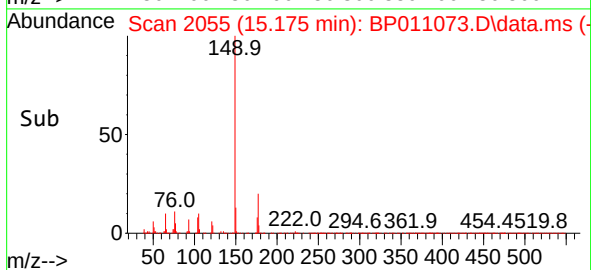
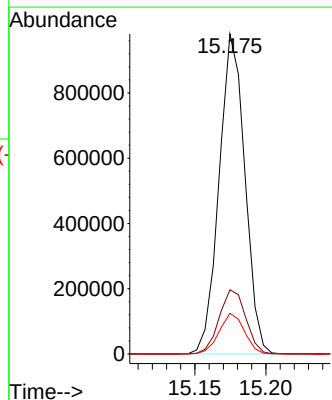
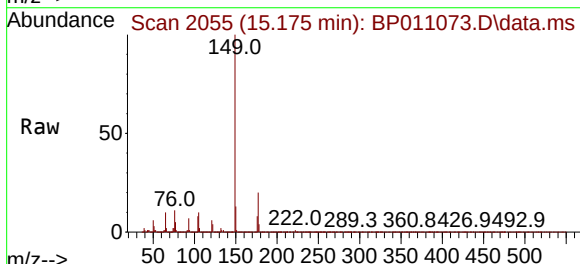
Instrument :
BNA_P
ClientSampleId :

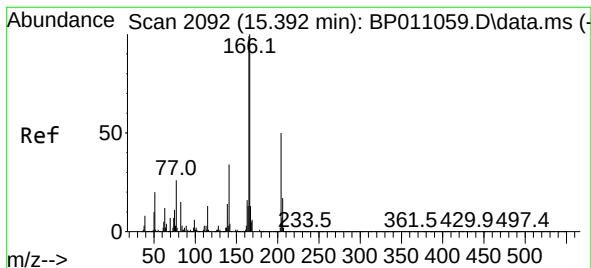
Tgt Ion:232	Resp: 245917
Ion Ratio	Lower Upper
232 100	
131 57.0	35.8 53.8#
130 2.8	1.8 2.8#
166 35.9	23.7 35.5#



#59
Diethylphthalate
Concen: 21.340 ng/ul
RT: 15.175 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:149	Resp: 1236237
Ion Ratio	Lower Upper
149 100	
177 20.1	17.6 26.4
150 12.7	10.3 15.5





#61

Fluorene

Concen: 21.748 ng/ul

RT: 15.392 min Scan# 2092

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

ClientSampleId :

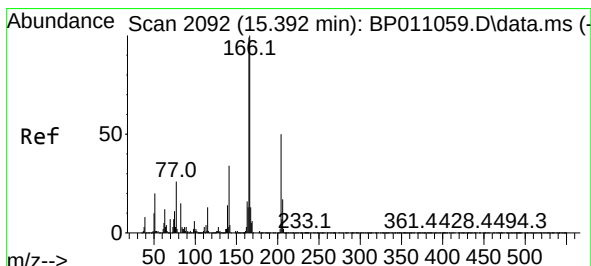
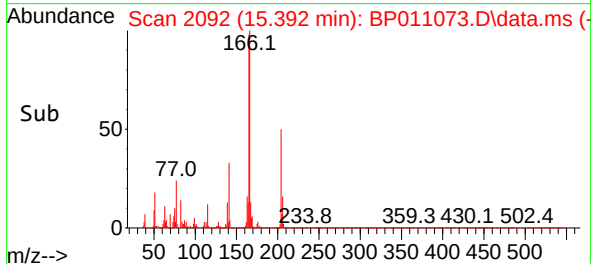
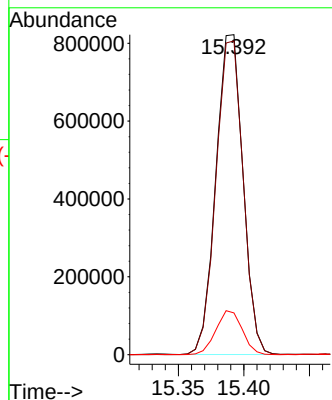
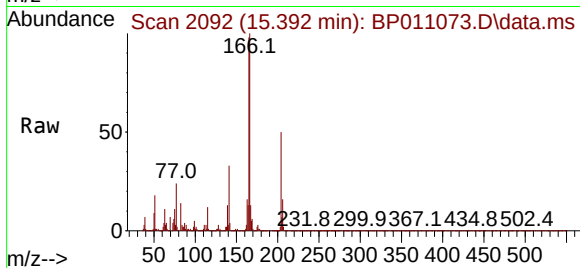
Tgt Ion:166 Resp: 1180772

Ion Ratio Lower Upper

166 100

165 98.1 77.4 116.2

167 13.1 10.8 16.2



#62

4-Chlorophenyl-phenylether

Concen: 21.760 ng/ul

RT: 15.392 min Scan# 2092

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

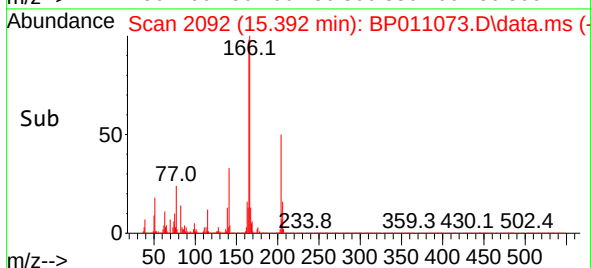
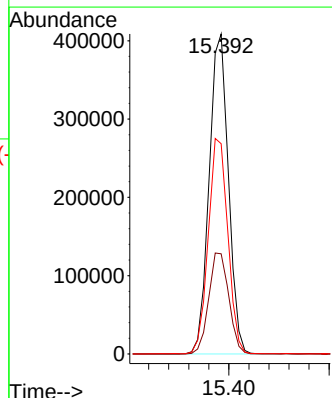
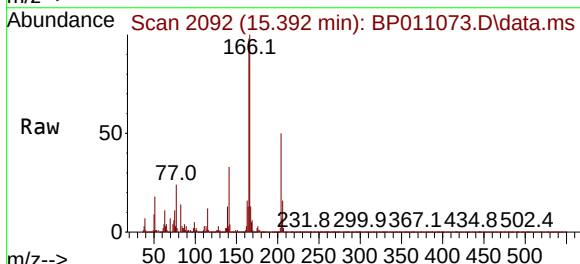
Tgt Ion:204 Resp: 543898

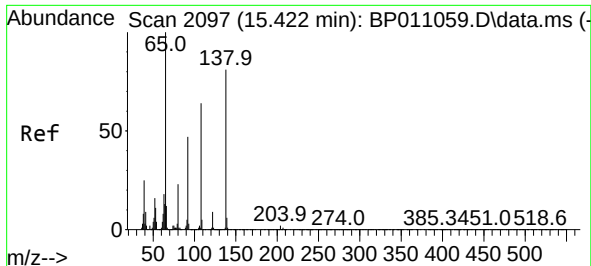
Ion Ratio Lower Upper

204 100

206 31.3 26.0 39.0

141 65.7 49.3 73.9

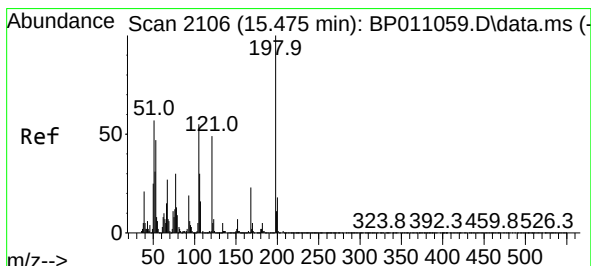
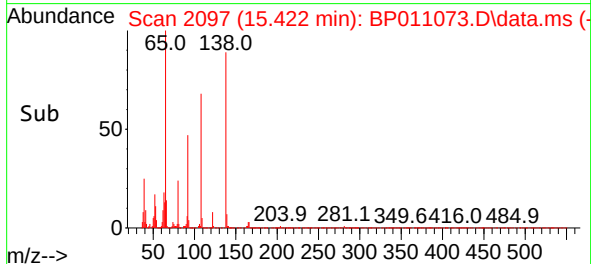
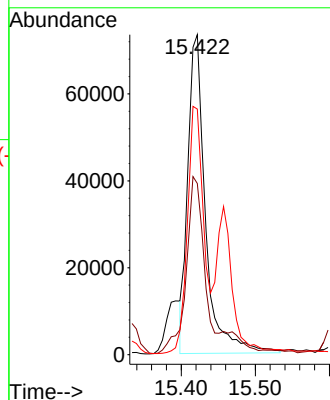
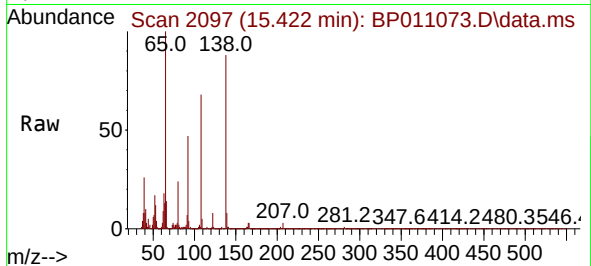




#63
4-Nitroaniline
Concen: 10.794 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

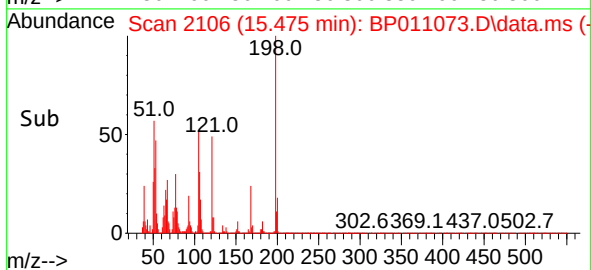
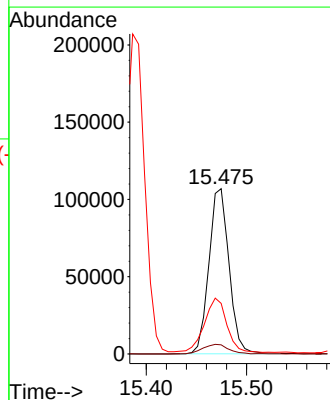
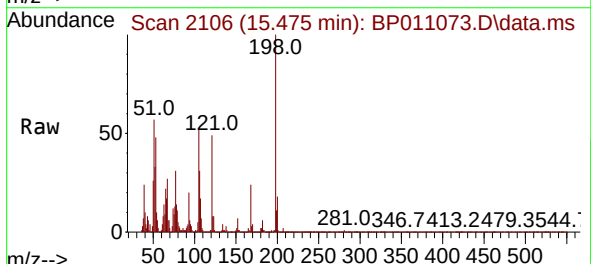
Instrument :
BNA_P
ClientSampleId :

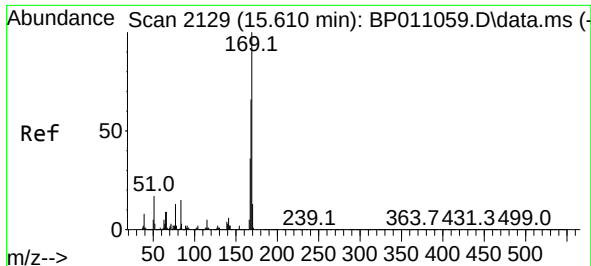
Tgt Ion:138 Resp: 121721
Ion Ratio Lower Upper
138 100
92 53.5 46.2 69.2
108 76.8 85.8 128.8#



#66
4,6-Dinitro-2-methylphenol
Concen: 20.011 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:198 Resp: 149124
Ion Ratio Lower Upper
198 100
182 5.5 4.3 6.5
77 30.6 23.7 35.5

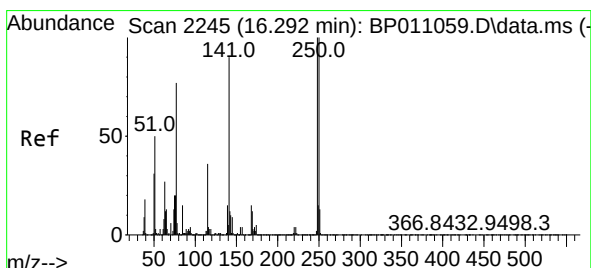
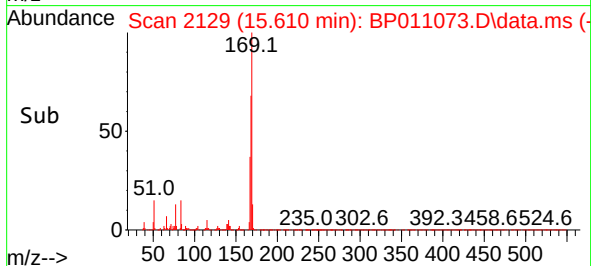
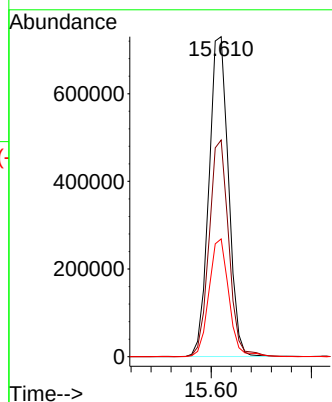
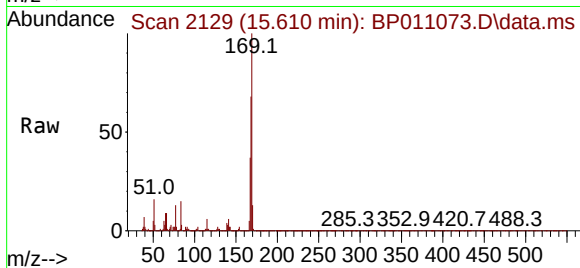




#67
N-Nitrosodiphenylamine
Concen: 23.583 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

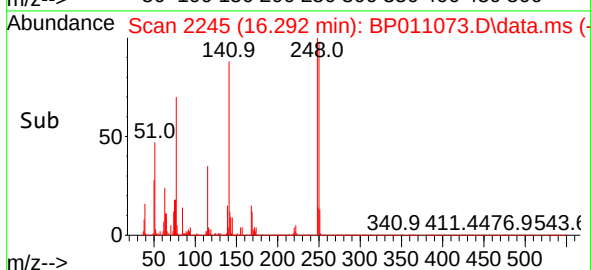
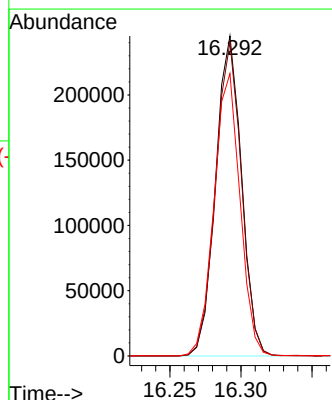
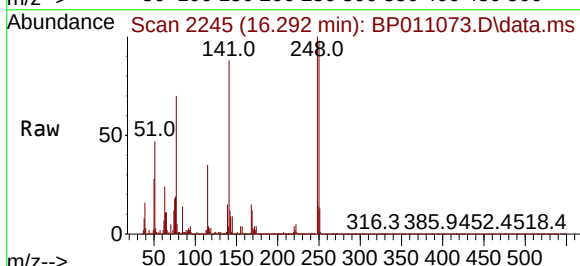
Instrument :
BNA_P
ClientSampleId :

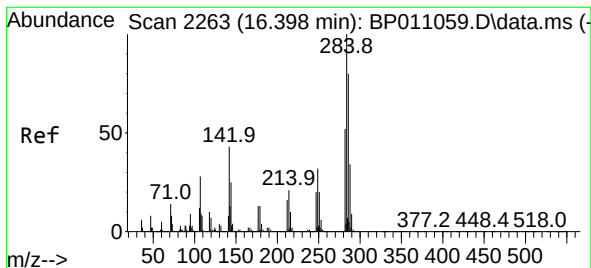
Tgt Ion:169 Resp: 988924
Ion Ratio Lower Upper
169 100
168 67.7 52.6 78.8
167 36.8 27.8 41.6



#68
4-Bromophenyl-phenylether
Concen: 23.487 ng/ul
RT: 16.292 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:248 Resp: 310964
Ion Ratio Lower Upper
248 100
250 98.1 80.8 121.2
141 88.2 63.9 95.9





#69

Hexachlorobenzene

Concen: 22.629 ng/ul

RT: 16.392 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

ClientSampleId :

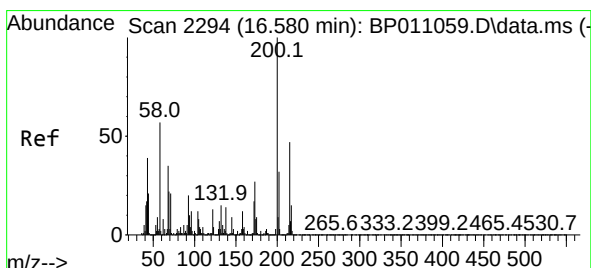
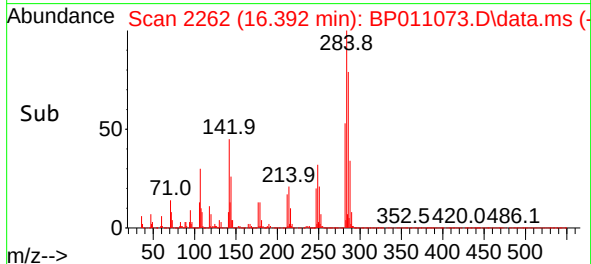
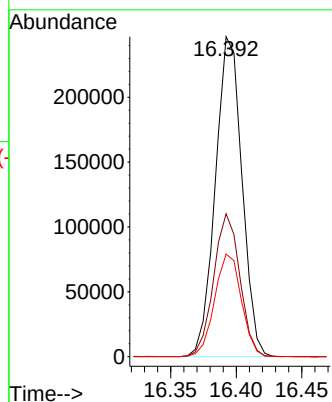
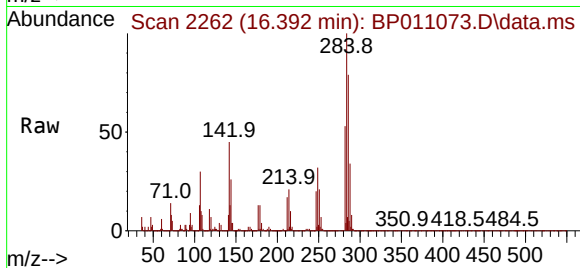
Tgt Ion:284 Resp: 347722

Ion Ratio Lower Upper

284 100

142 44.7 27.8 41.6#

249 32.1 25.4 38.2



#70

Atrazine

Concen: 22.074 ng/ul

RT: 16.575 min Scan# 2293

Delta R.T. -0.012 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

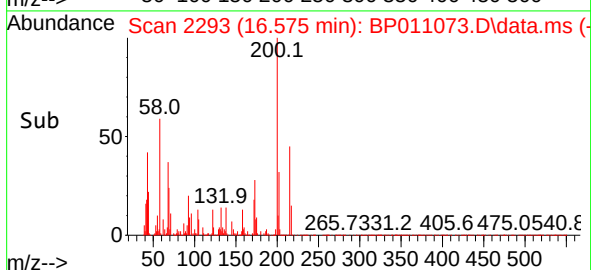
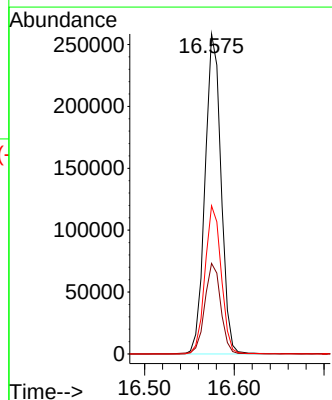
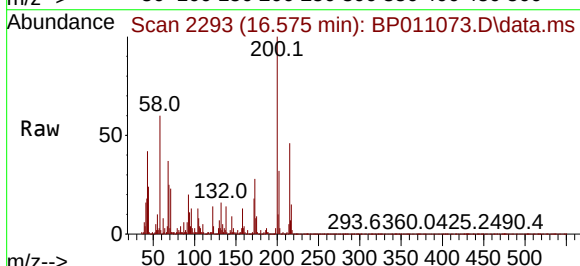
Tgt Ion:200 Resp: 320219

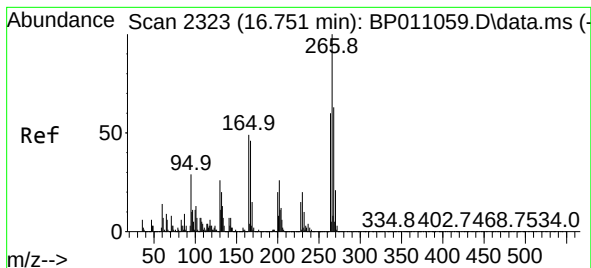
Ion Ratio Lower Upper

200 100

173 28.3 20.7 31.1

215 46.3 38.6 57.8





#71

Pentachlorophenol

Concen: 23.063 ng/ul

RT: 16.745 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

ClientSampleId :

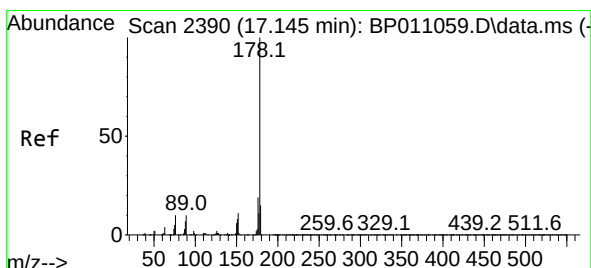
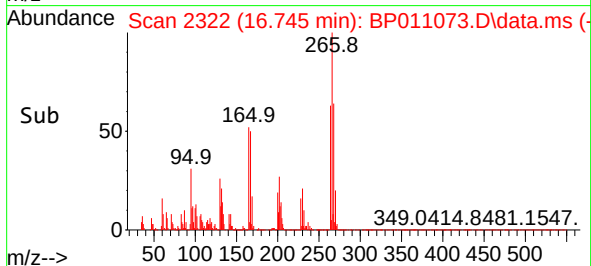
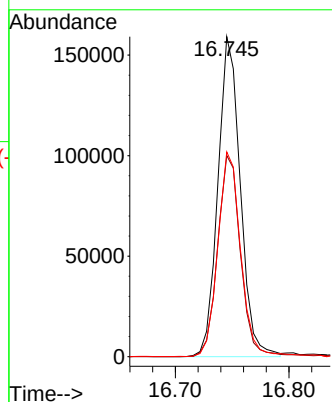
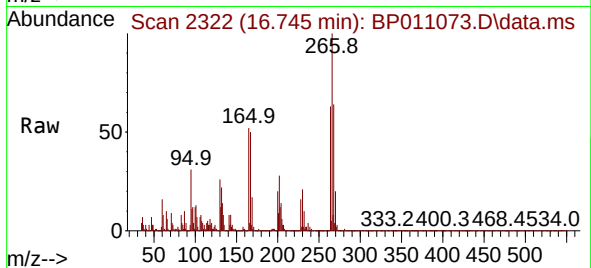
Tgt Ion:266 Resp: 218260

Ion Ratio Lower Upper

266 100

264 62.9 51.4 77.2

268 64.0 53.5 80.3



#72

Phenanthrene

Concen: 22.876 ng/ul

RT: 17.145 min Scan# 2390

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

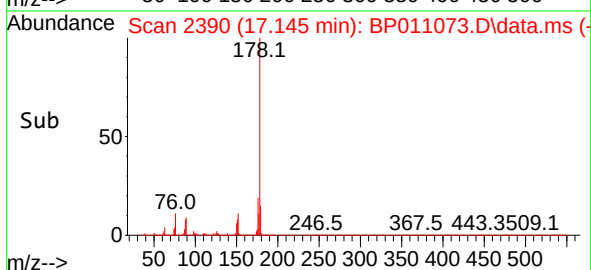
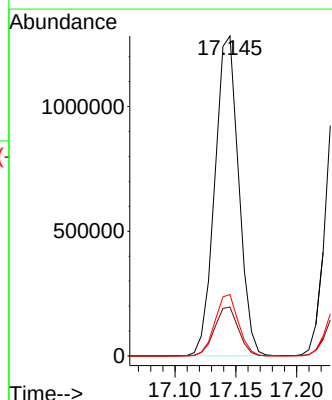
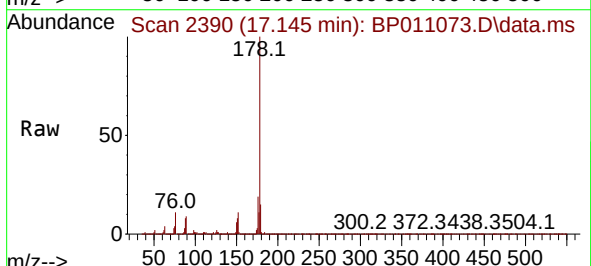
Tgt Ion:178 Resp: 1749612

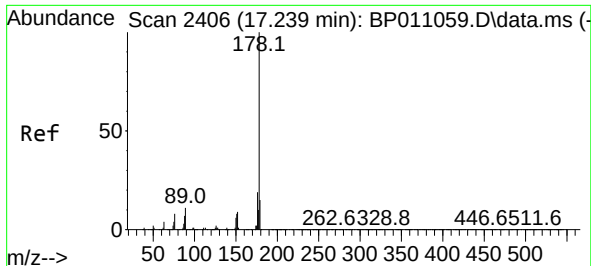
Ion Ratio Lower Upper

178 100

179 15.3 12.7 19.1

176 19.2 14.6 22.0

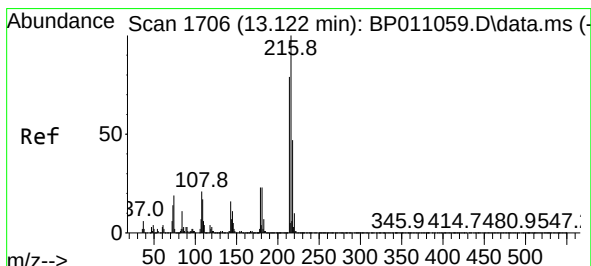
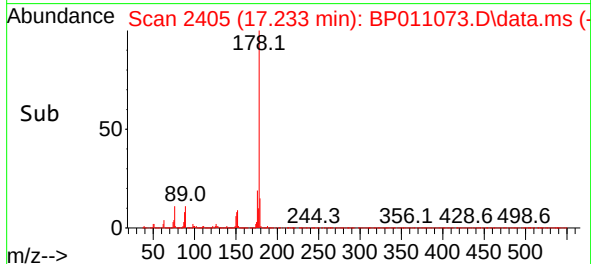
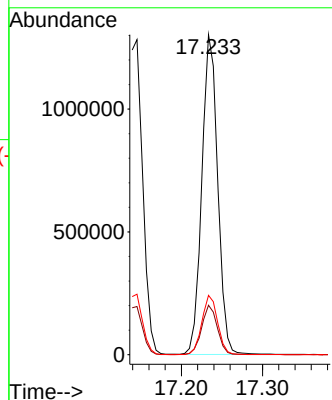
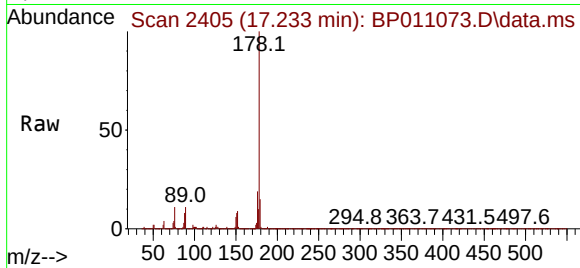




#74
 Anthracene
 Concen: 23.194 ng/uI
 RT: 17.233 min Scan# 2406
 Delta R.T. -0.006 min
 Lab File: BP011073.D
 Acq: 21 Jul 2022 21:22

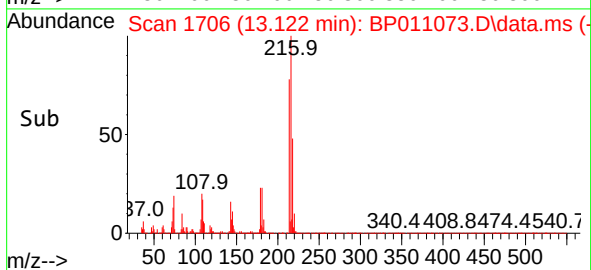
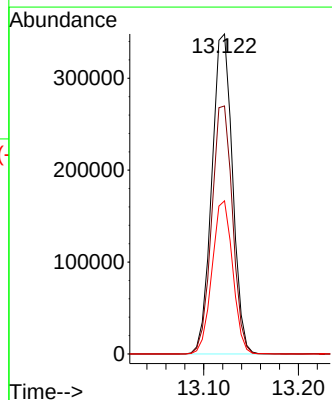
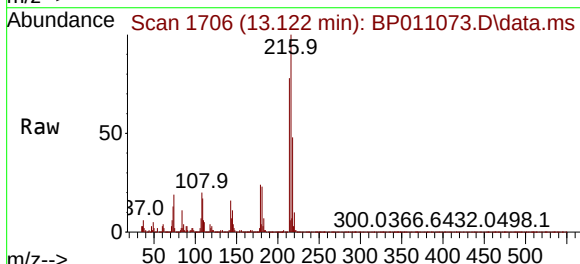
Instrument :
 BNA_P
 ClientSampleId :

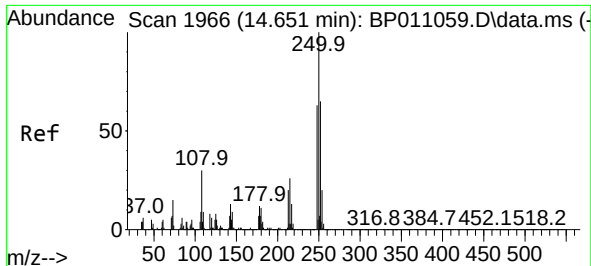
Tgt Ion:178 Resp: 1764604
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.2
 176 18.5 14.5 21.7



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 25.128 ng/uI
 RT: 13.122 min Scan# 1706
 Delta R.T. -0.006 min
 Lab File: BP011073.D
 Acq: 21 Jul 2022 21:22

Tgt Ion:216 Resp: 528089
 Ion Ratio Lower Upper
 216 100
 214 77.5 65.0 97.4
 218 47.8 39.1 58.7

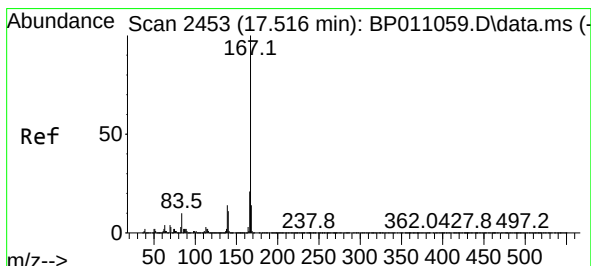
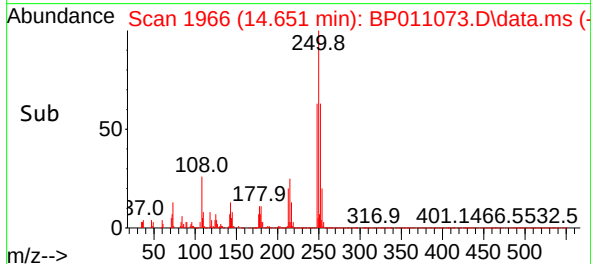
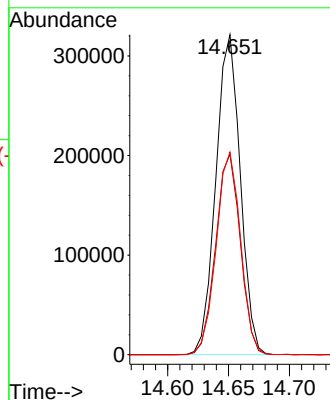
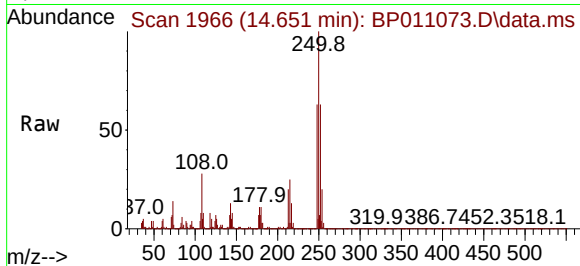




#76
Pentachlorobenzene
Concen: 24.356 ng/uL
RT: 14.651 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

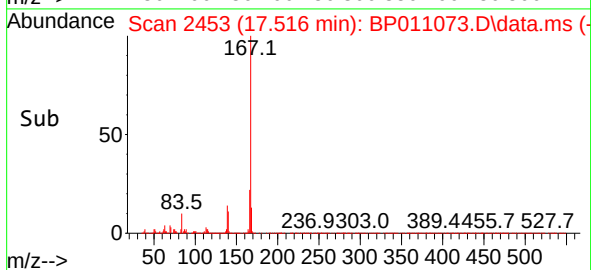
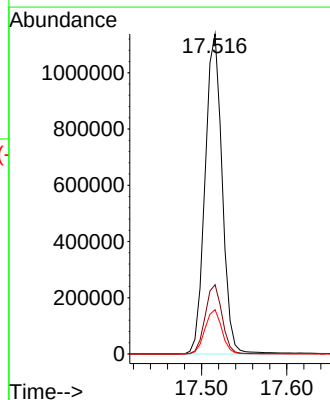
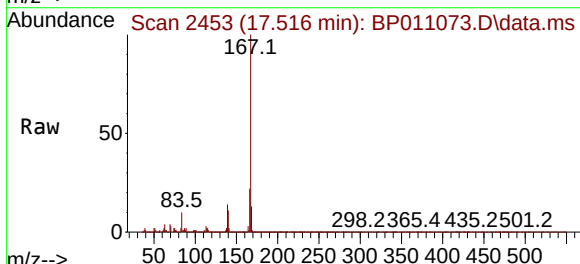
Instrument :
BNA_P
ClientSampleId :

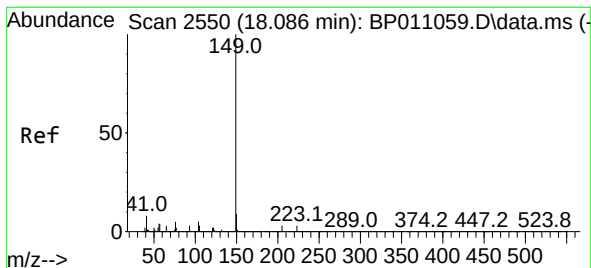
Tgt Ion:250 Resp: 448685
Ion Ratio Lower Upper
250 100
248 62.7 49.8 74.6
252 63.3 51.2 76.8



#77
Carbazole
Concen: 22.261 ng/uL
RT: 17.516 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:167 Resp: 1585127
Ion Ratio Lower Upper
167 100
166 21.6 16.9 25.3
139 13.9 10.6 16.0





#78

Di-n-butylphthalate

Concen: 22.373 ng/ul

RT: 18.080 min Scan# 2549

Delta R.T. -0.012 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

ClientSampleId :

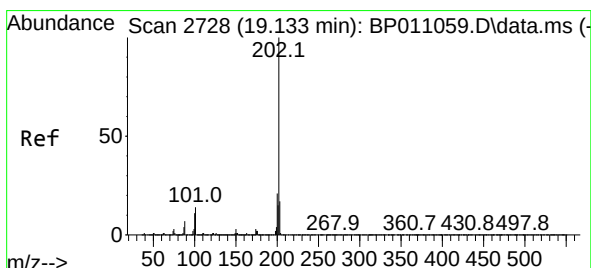
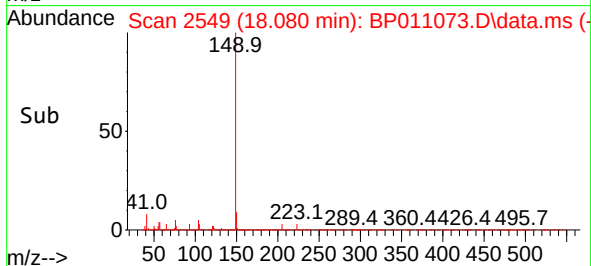
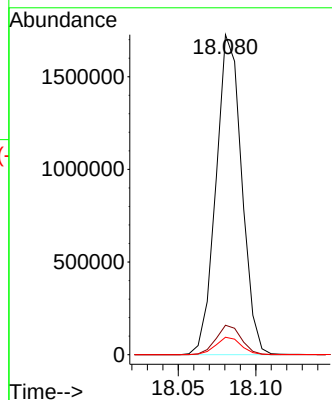
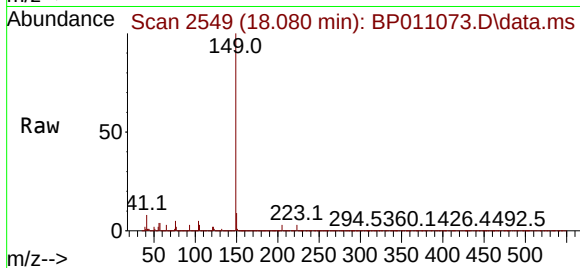
Tgt Ion:149 Resp: 1991372

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 5.5 4.6 6.8



#80

Fluoranthene

Concen: 22.380 ng/ul

RT: 19.127 min Scan# 2727

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

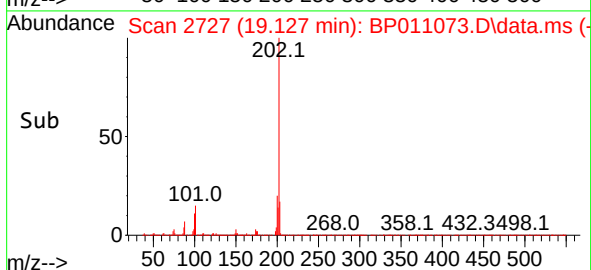
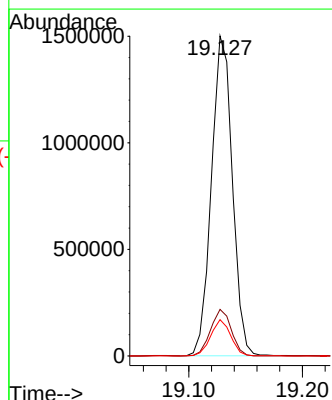
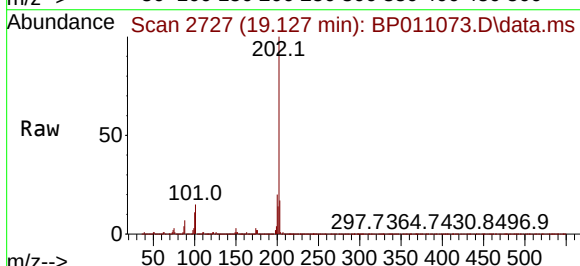
Tgt Ion:202 Resp: 1920029

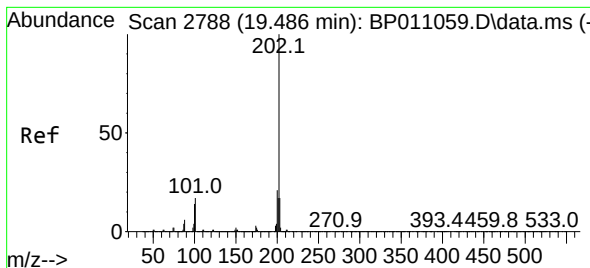
Ion Ratio Lower Upper

202 100

101 14.6 7.1 10.7#

100 11.3 5.7 8.5#





#82

Pyrene

Concen: 22.403 ng/ul

RT: 19.486 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

ClientSampleId :

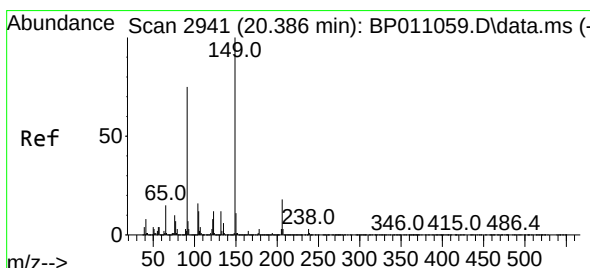
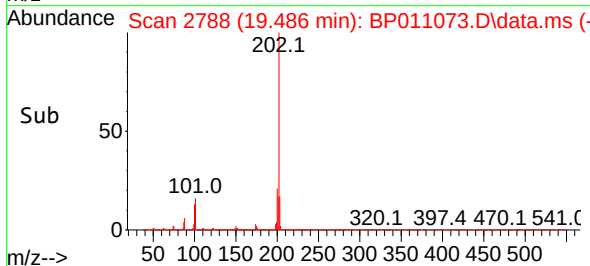
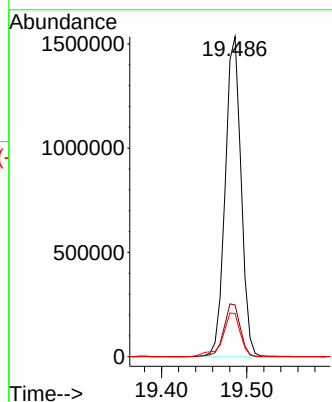
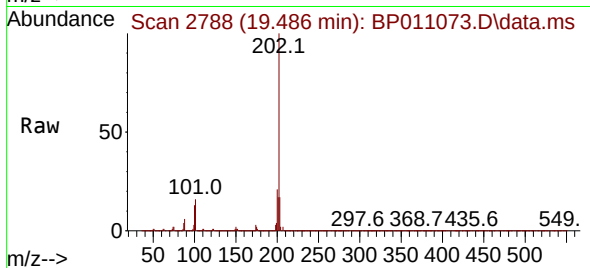
Tgt Ion:202 Resp: 1982969

Ion Ratio Lower Upper

202 100

101 16.2 7.9 11.9#

100 13.5 6.7 10.1#



#83

Butylbenzylphthalate

Concen: 23.187 ng/ul

RT: 20.380 min Scan# 2940

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

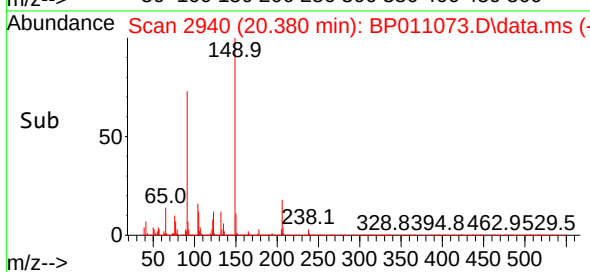
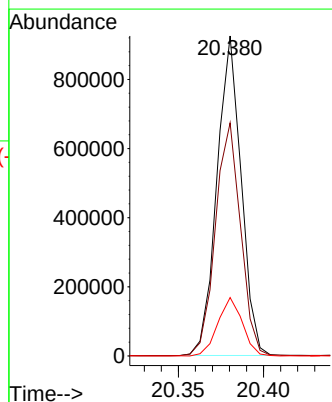
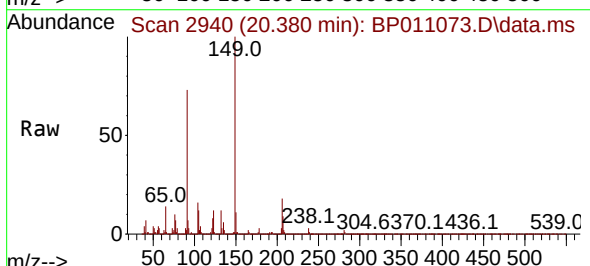
Tgt Ion:149 Resp: 915586

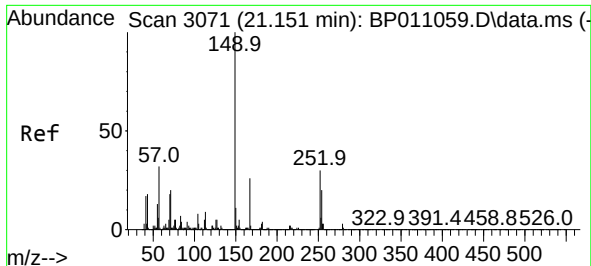
Ion Ratio Lower Upper

149 100

91 72.8 60.0 90.0

206 18.3 17.4 26.2

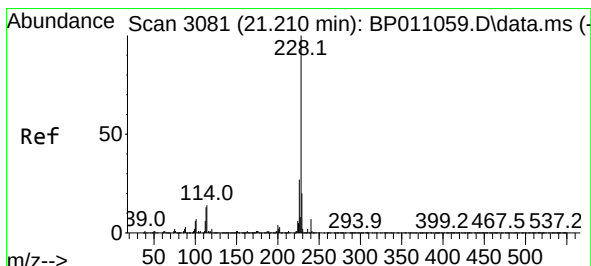
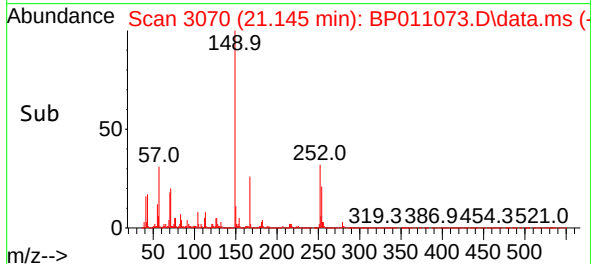
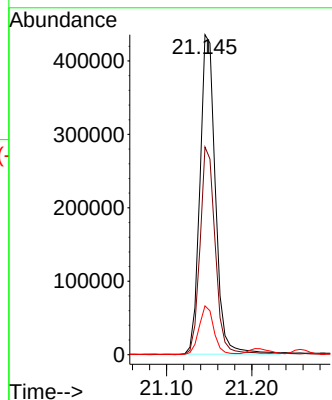
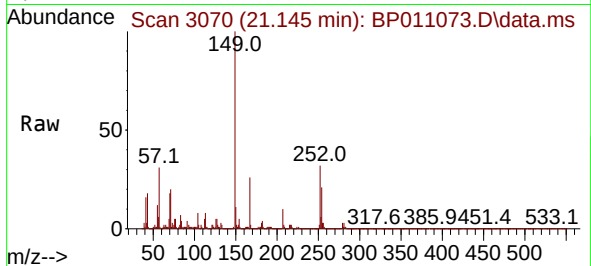




#84
3,3'-Dichlorobenzidine
Concen: 22.276 ng/ul
RT: 21.145 min Scan# 3070
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

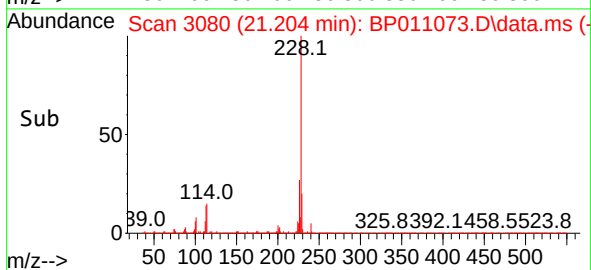
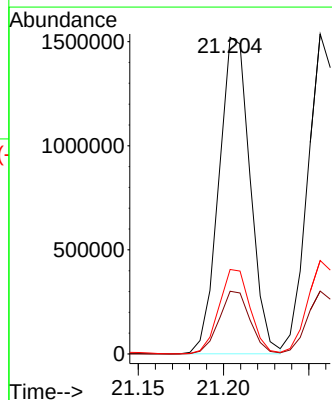
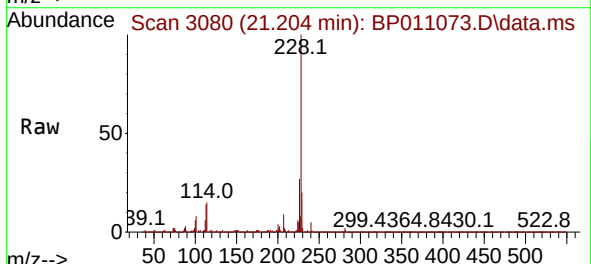
Instrument :
BNA_P
ClientSampleId :

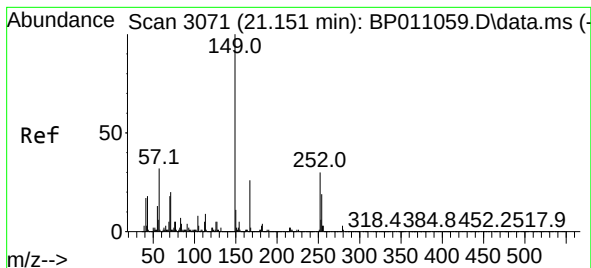
Tgt Ion:252 Resp: 550882
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.4
126 15.3 8.6 12.8#



#85
Benzo(a)anthracene
Concen: 22.818 ng/ul
RT: 21.204 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:228 Resp: 1940814
Ion Ratio Lower Upper
228 100
229 19.8 15.0 22.4
226 26.7 20.6 31.0

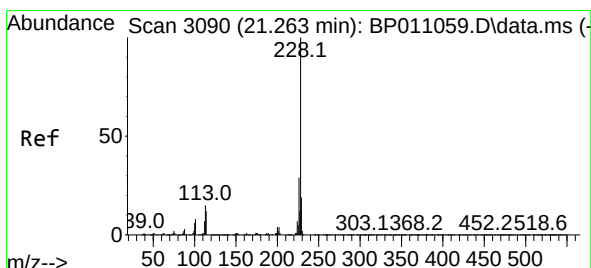
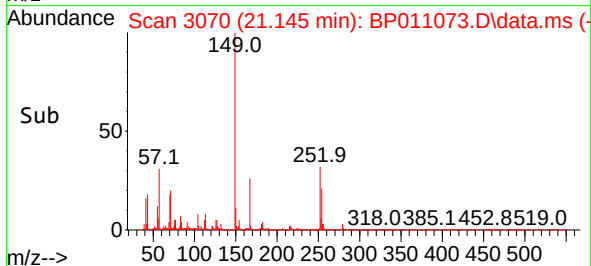
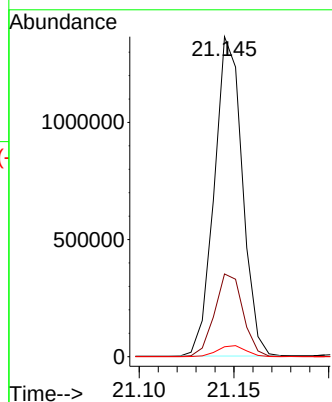
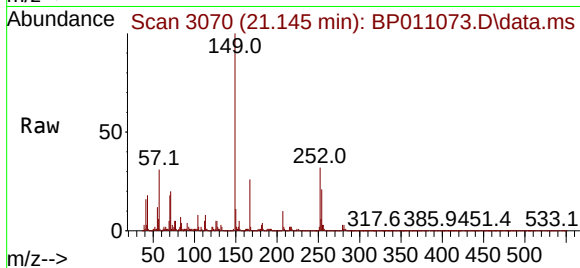




#86
Bis(2-ethylhexyl)phthalate
Concen: 23.866 ng/ul
RT: 21.145 min Scan# 3070
Delta R.T. -0.012 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

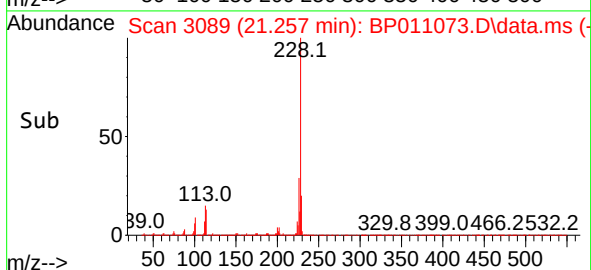
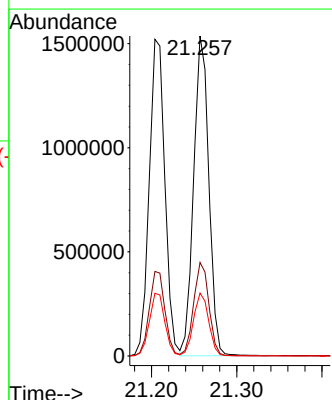
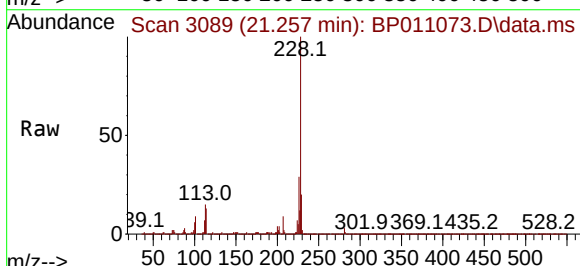
Instrument :
BNA_P
ClientSampleId :

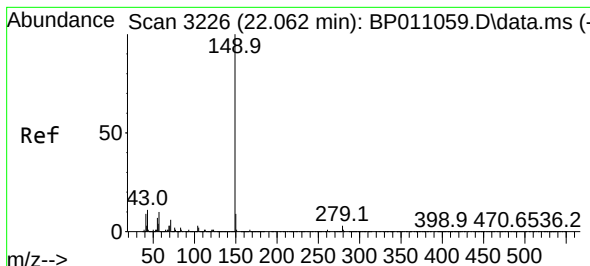
Tgt Ion:149 Resp: 1406084
Ion Ratio Lower Upper
149 100
167 25.9 22.6 33.8
279 3.1 4.2 6.4#



#87
Chrysene
Concen: 22.733 ng/ul
RT: 21.257 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:228 Resp: 1898672
Ion Ratio Lower Upper
228 100
226 29.2 23.6 35.4
229 19.7 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 23.144 ng/ul

RT: 22.057 min Scan# 331

Delta R.T. -0.012 min

Lab File: BP011073.D

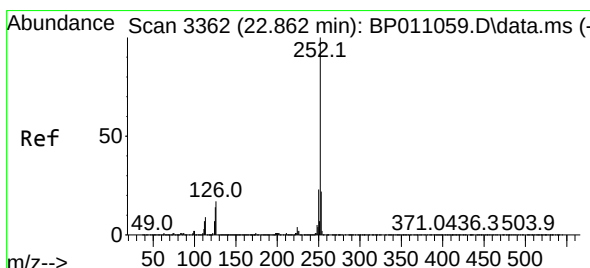
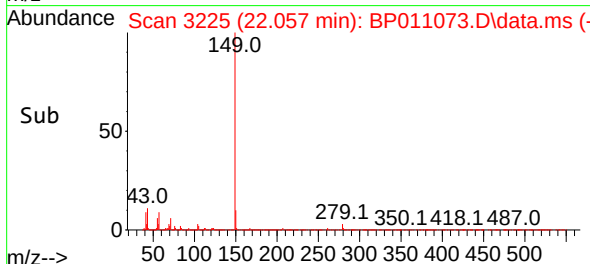
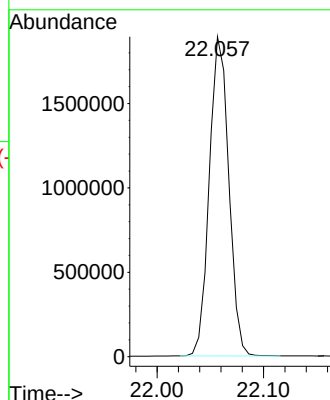
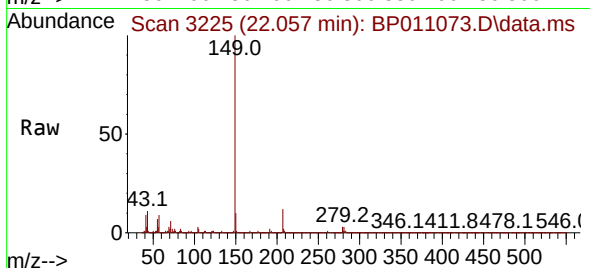
Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 2408305



#90

Benzo(b)fluoranthene

Concen: 22.717 ng/ul

RT: 22.857 min Scan# 3361

Delta R.T. -0.006 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

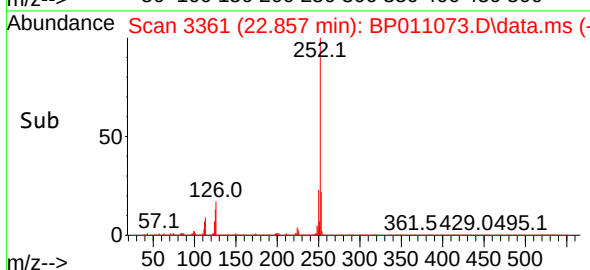
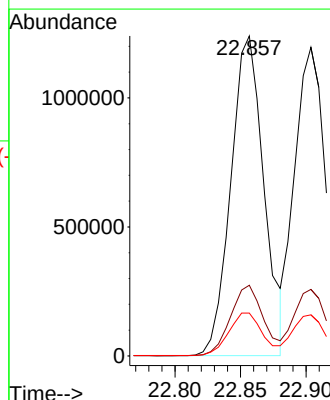
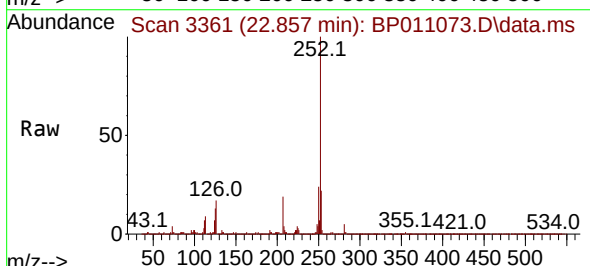
Tgt Ion:252 Resp: 2176335

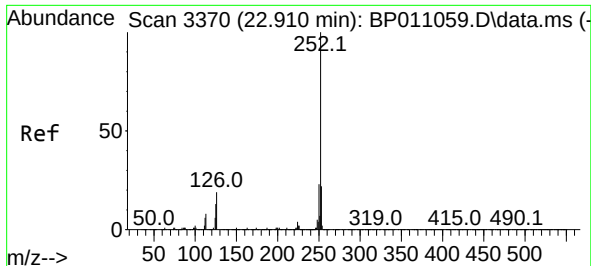
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

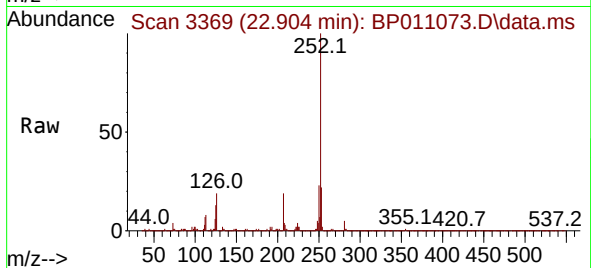
125 13.4 6.2 9.2#



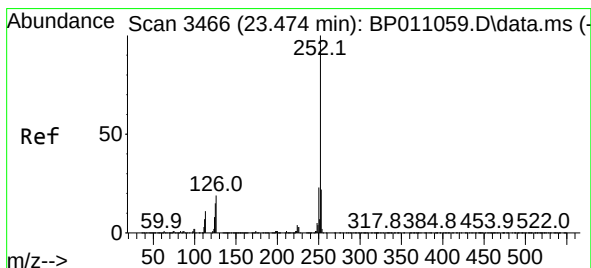
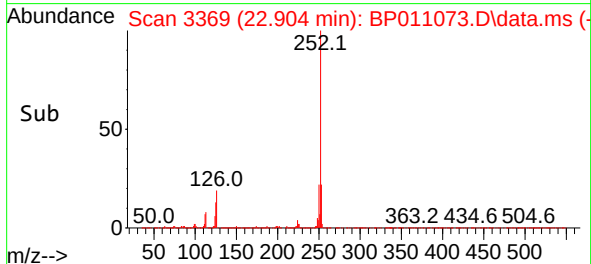
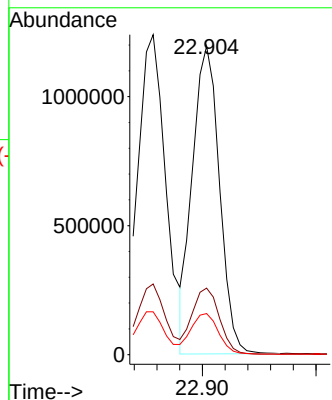


#91
Benzo(k)fluoranthene
Concen: 21.914 ng/ul
RT: 22.904 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Instrument :
BNA_P
ClientSampleId :

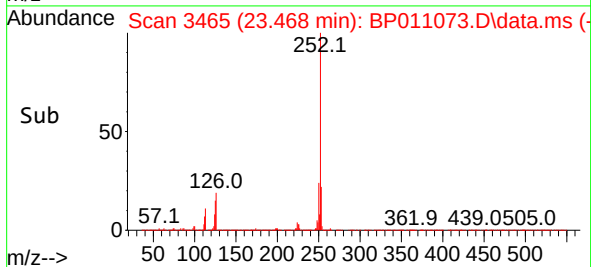
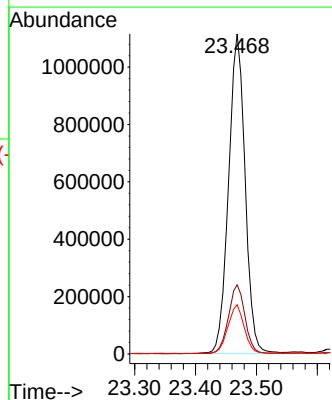
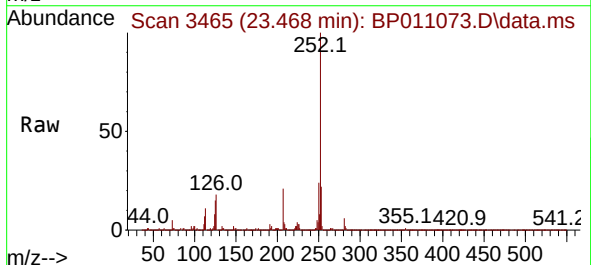


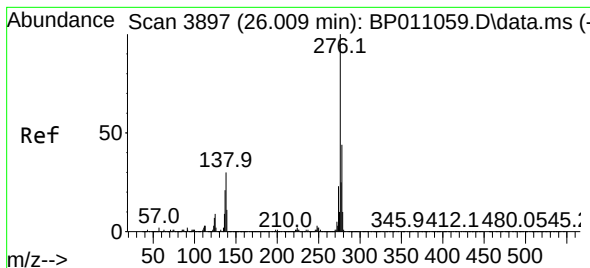
Tgt Ion:252 Resp: 1971994
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 13.3 6.2 9.4#



#93
Benzo(a)pyrene
Concen: 22.897 ng/ul
RT: 23.468 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP011073.D
Acq: 21 Jul 2022 21:22

Tgt Ion:252 Resp: 2106637
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 15.4 6.6 10.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 23.580 ng/ul

RT: 26.004 min Scan# 3896

Delta R.T. -0.012 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

ClientSampleId :

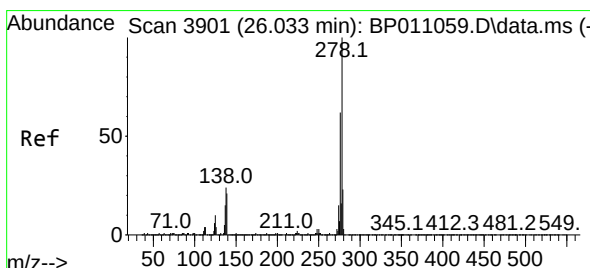
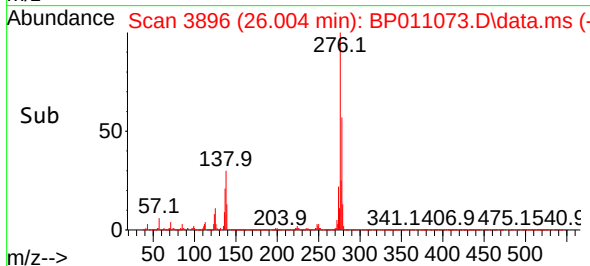
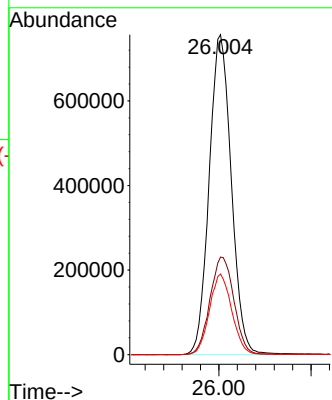
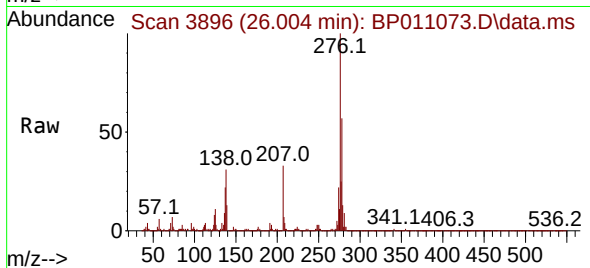
Tgt Ion:276 Resp: 2521139

Ion Ratio Lower Upper

276 100

138 30.5 14.6 22.0#

277 25.2 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 23.186 ng/ul

RT: 26.021 min Scan# 3899

Delta R.T. -0.018 min

Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

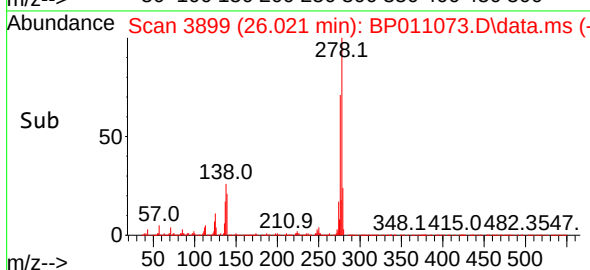
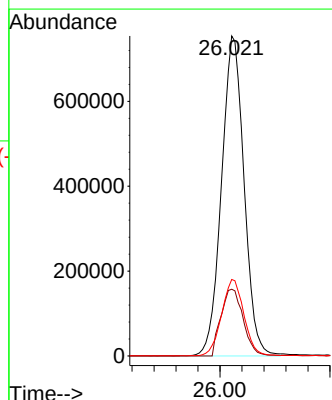
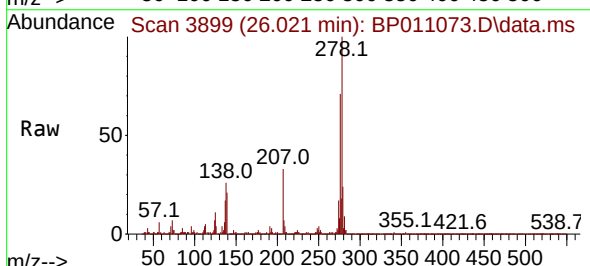
Tgt Ion:278 Resp: 2145169

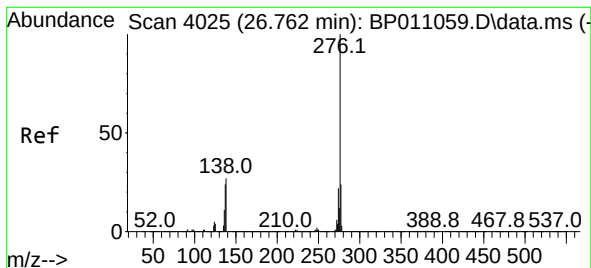
Ion Ratio Lower Upper

278 100

139 20.9 9.4 14.2#

279 23.9 18.9 28.3





#96

Benzo(g,h,i)perylene

Concen: 23.510 ng/ul

RT: 26.751 min Scan# 40

Delta R.T. -0.012 min

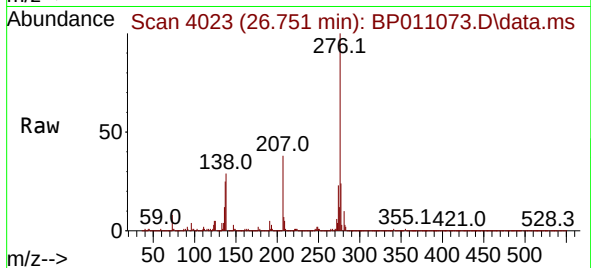
Lab File: BP011073.D

Acq: 21 Jul 2022 21:22

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 2140917

Ion Ratio Lower Upper

276 100

138 29.1 12.7 19.1#

277 23.7 18.2 27.4

