

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP011972.D
 Acq On : 06 Oct 2022 16:15
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 06 23:07:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 05 23:18:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	241403	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	967585	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	565620	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	1152913	20.000	ng/ul	0.00
79) Chrysene-d12	21.369	240	1177779	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	1207455	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	49941	9.124	ng/uL	0.00
4) Pyridine-d5	3.722	84	332204	20.720	ng/ul	0.00
7) Phenol-d5	7.046	99	396807	19.040	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	223086	19.312	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	328440	19.964	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	307256	17.835	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	154807	21.005	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	161940	20.538	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	304135	20.853	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	423588	19.051	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	800844	19.799	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	974612	21.136	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	158387	18.910	ng/ul	0.00
60) Fluorene-d10	15.522	176	716307	20.392	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	124785	17.882	ng/ul	0.00
73) Anthracene-d10	17.381	188	1103594	21.014	ng/ul	0.00
81) Pyrene-d10	19.616	212	1275213	21.379	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	1279341	21.166	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	52401	8.864	ng/uL	99
5) Pyridine	3.740	79	324141	20.830	ng/ul	100
6) Benzaldehyde	7.022	77	197302	21.612	ng/ul	99
8) Phenol	7.069	94	412599	19.088	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.305	93	327932	19.066	ng/ul	100
12) 2-Chlorophenol	7.440	128	355230	20.197	ng/ul	99
13) 2-Methylphenol	8.328	108	312981	18.378	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.405	45	326221	19.239	ng/ul	96
16) Acetophenone	8.710	105	482700	18.377	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.693	70	217158	17.566	ng/ul	99
18) 4-Methylphenol	8.658	108	336429	17.930	ng/ul	100
19) Hexachloroethane	8.963	117	138932	21.179	ng/ul	98
22) Nitrobenzene	9.087	77	346419	21.856	ng/ul	99
23) Isophorone	9.616	82	611636	19.022	ng/ul	100
25) 2-Nitrophenol	9.799	139	187324	20.801	ng/ul	95
26) 2,4-Dimethylphenol	9.863	107	346858	20.503	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.099	93	409791	19.754	ng/ul	99
29) 2,4-Dichlorophenol	10.334	162	318852	21.099	ng/ul	98
30) Naphthalene	10.740	128	1104844	21.259	ng/ul	99
32) 4-Chloroaniline	10.852	127	439899	19.339	ng/ul	100
33) Hexachlorobutadiene	11.022	225	193036	21.581	ng/ul	98
34) Caprolactam	11.640	113	107153	20.035	ng/ul	90
35) 4-Chloro-3-methylphenol	11.981	107	309063	19.288	ng/ul	99
36) 2-Methylnaphthalene	12.351	142	721151	19.870	ng/ul	99

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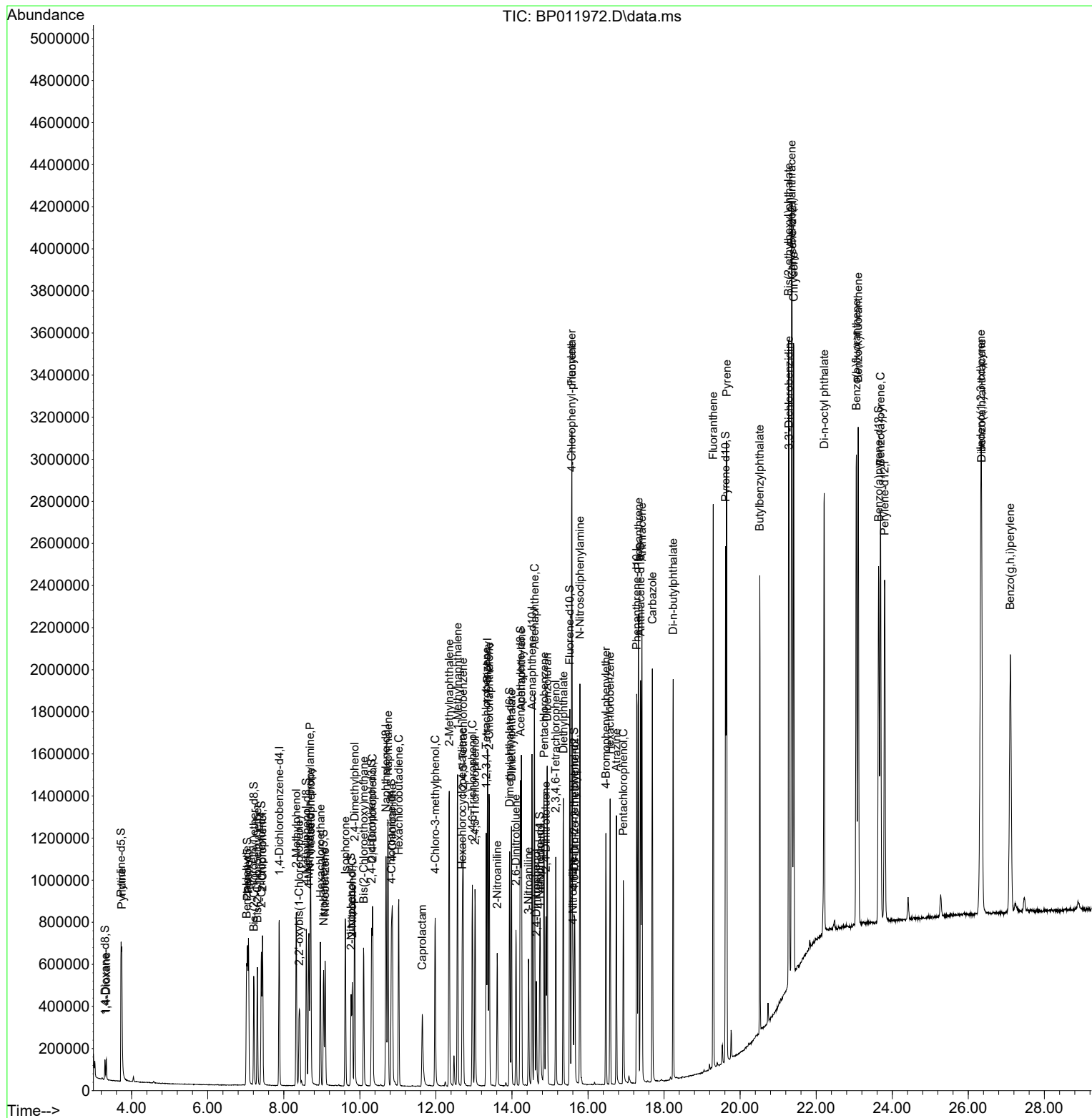
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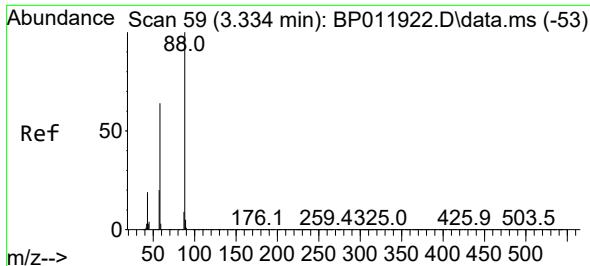
Quant Time: Oct 06 23:07:03 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	718672	19.734	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.716	216	368723	22.479	ng/ul	99
40) Hexachlorocyclopentadiene	12.693	237	196208	20.938	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	235338	21.433	ng/ul	98
42) 2,4,5-Trichlorophenol	13.028	196	255893	21.395	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	908230	21.709	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	727880	22.006	ng/ul	98
45) 2-Nitroaniline	13.610	65	172457	21.360	ng/ul	98
47) Dimethylphthalate	13.987	163	840968	19.839	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	161105	19.501	ng/ul	93
50) Acenaphthylene	14.245	152	1096284	21.407	ng/ul	100
51) 3-Nitroaniline	14.434	138	177972	18.587	ng/ul	99
52) Acenaphthene	14.592	153	769720	21.304	ng/ul	99
53) 2,4-Dinitrophenol	14.640	184	116092	20.727	ng/ul	98
55) 4-Nitrophenol	14.745	109	110063	19.466	ng/ul	96
56) Dibenzofuran	14.928	168	1041617	21.048	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	238758	19.772	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.151	232	212774	20.478	ng/ul	98
59) Diethylphthalate	15.351	149	812134	19.124	ng/ul	100
61) Fluorene	15.575	166	847172	20.901	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.569	204	406625	20.265	ng/ul	98
63) 4-Nitroaniline	15.604	138	177500	19.426	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.651	198	136155	18.417	ng/ul#	93
67) N-Nitrosodiphenylamine	15.787	169	715340	21.033	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	240477	20.506	ng/ul	98
69) Hexachlorobenzene	16.581	284	280425	21.013	ng/ul	97
70) Atrazine	16.745	200	238290	19.418	ng/ul	99
71) Pentachlorophenol	16.928	266	169905	19.358	ng/ul	99
72) Phenanthrene	17.328	178	1348731	21.287	ng/ul	99
74) Anthracene	17.416	178	1368004	21.459	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	363837	22.864	ng/uL	99
76) Pentachlorobenzene	14.845	250	369771	21.746	ng/uL	99
77) Carbazole	17.692	167	1249692	21.696	ng/ul	100
78) Di-n-butylphthalate	18.239	149	1375860	19.506	ng/ul	99
80) Fluoranthene	19.292	202	1559423	21.363	ng/ul	100
82) Pyrene	19.645	202	1654244	21.766	ng/ul	99
83) Butylbenzylphthalate	20.516	149	642769	19.568	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.286	252	527870	19.469	ng/ul	99
85) Benzo(a)anthracene	21.351	228	1638866	21.278	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.275	149	920274	18.599	ng/ul	99
87) Chrysene	21.410	228	1539410	21.298	ng/ul	98
89) Di-n-octyl phthalate	22.210	149	1568466	20.360	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	1659109	21.528	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	1621531	21.849	ng/ul	99
93) Benzo(a)pyrene	23.692	252	1479220	21.508	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.327	276	1796623	20.523	ng/ul	100
95) Dibenzo(a,h)anthracene	26.351	278	1623751	20.880	ng/ul	99
96) Benzo(g,h,i)perylene	27.104	276	1594046	20.539	ng/ul	99

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

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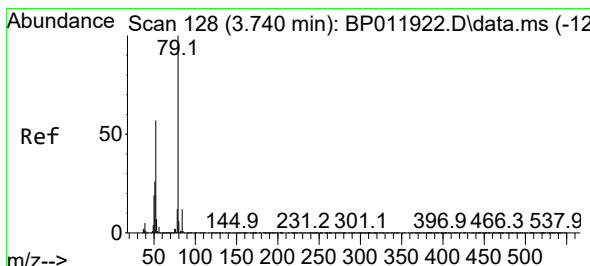
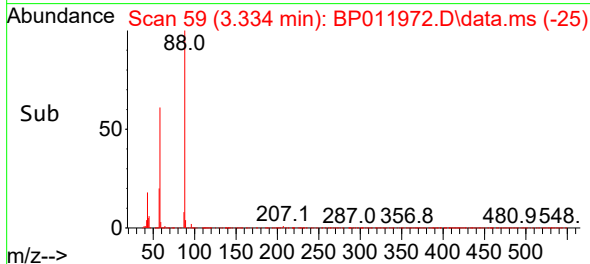
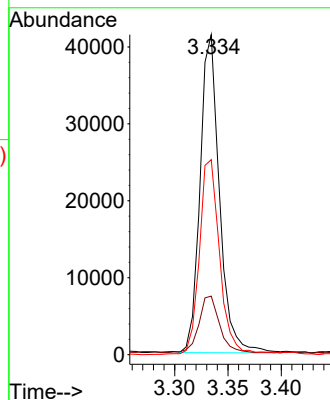
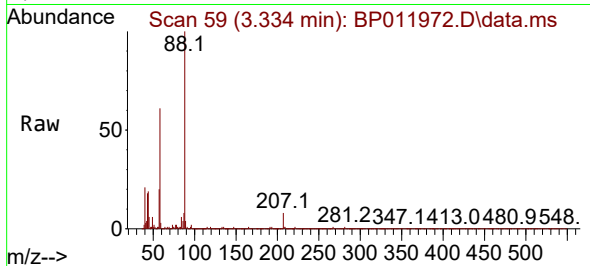




#2
 1,4-Dioxane
 Concen: 8.864 ng/uL
 RT: 3.334 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BP011972.D
 Acq: 06 Oct 2022 16:15

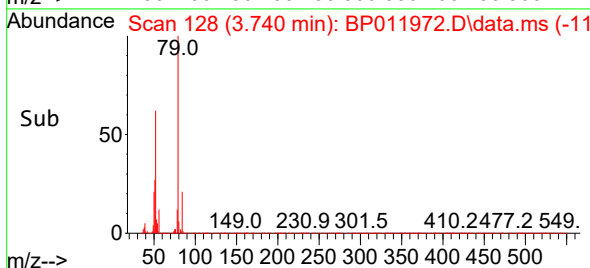
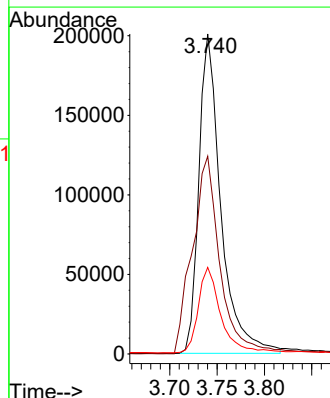
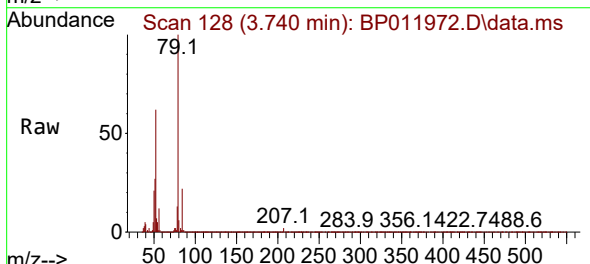
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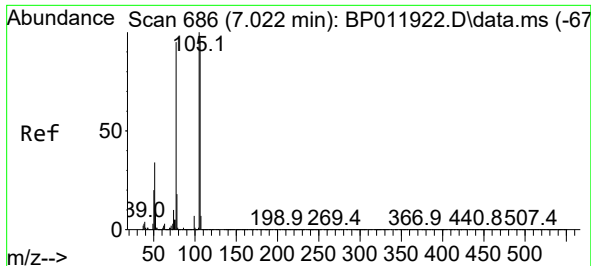
Tgt Ion: 88 Resp: 52401
 Ion Ratio Lower Upper
 88 100
 43 18.3 15.6 23.4
 58 61.0 48.6 72.8



#5
 Pyridine
 Concen: 20.830 ng/uL
 RT: 3.740 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: BP011972.D
 Acq: 06 Oct 2022 16:15

Tgt Ion: 79 Resp: 324141
 Ion Ratio Lower Upper
 79 100
 52 61.8 49.7 74.5
 51 27.1 21.6 32.4

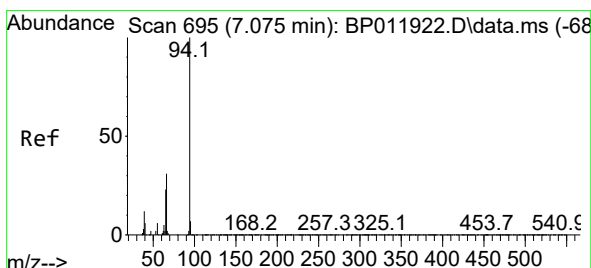
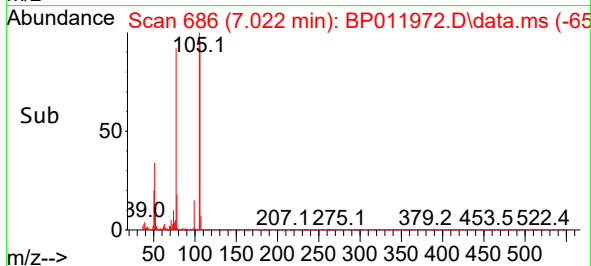
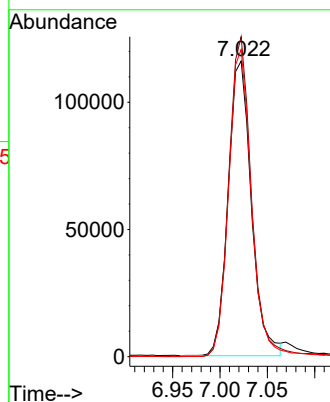
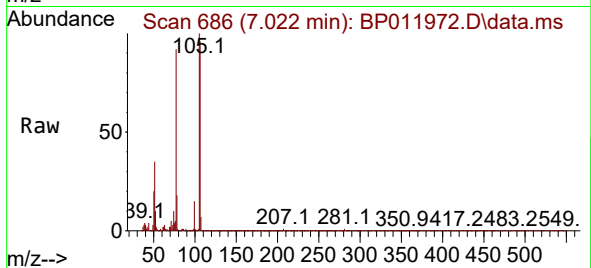




#6
Benzaldehyde
Concen: 21.612 ng/ul
RT: 7.022 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

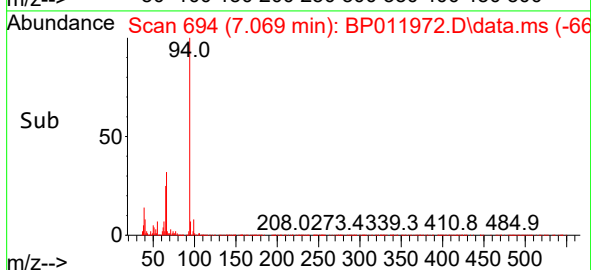
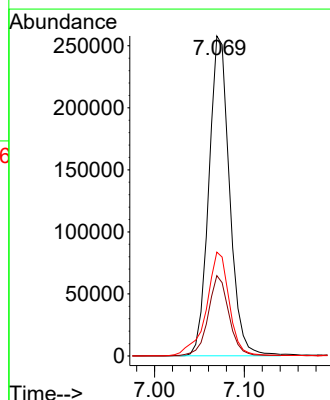
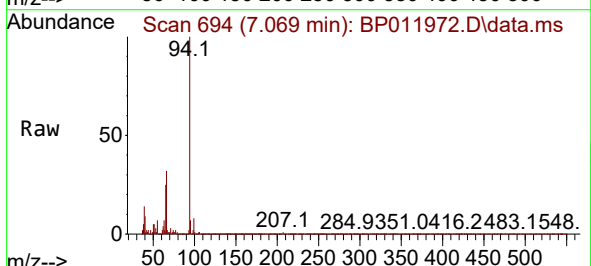
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ClientSampleId :

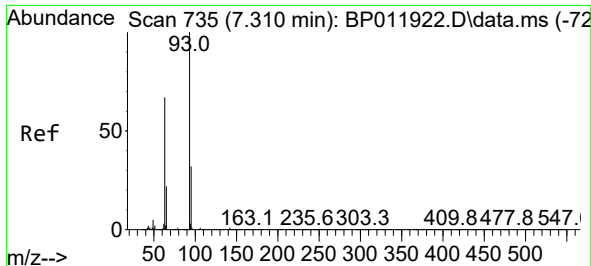
Tgt Ion: 77 Resp: 197302
Ion Ratio Lower Upper
77 100
105 108.2 87.0 130.6
106 103.9 83.8 125.6



#8
Phenol
Concen: 19.088 ng/ul
RT: 7.069 min Scan# 694
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

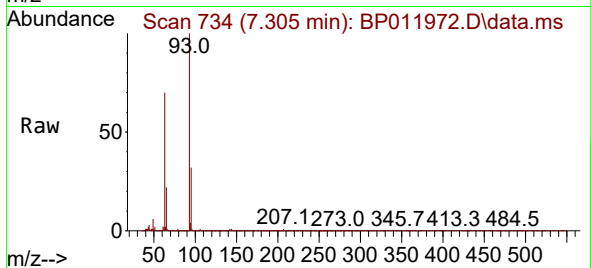
Tgt Ion: 94 Resp: 412599
Ion Ratio Lower Upper
94 100
65 25.1 19.5 29.3
66 32.4 25.0 37.4



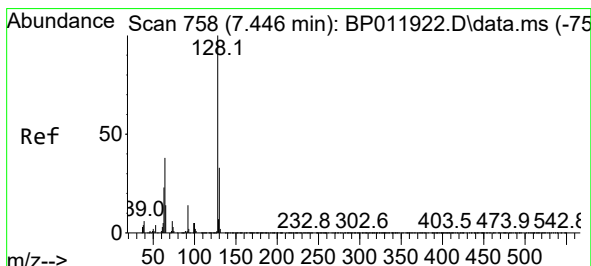
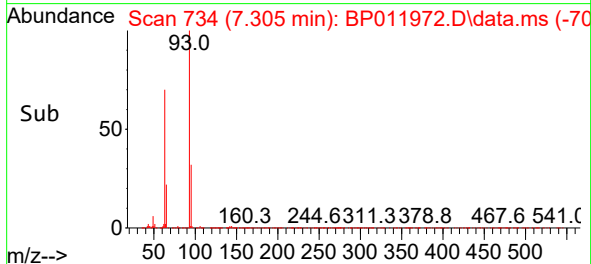
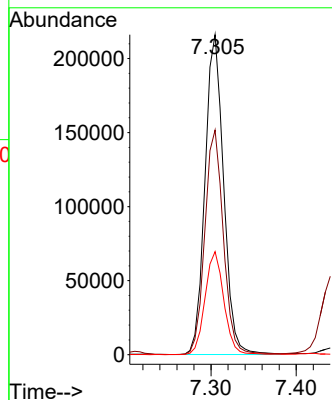


#10
Bis(2-Chloroethyl)ether
Concen: 19.066 ng/ul
RT: 7.305 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Instrument :
BNA_P
ClientSampleId :

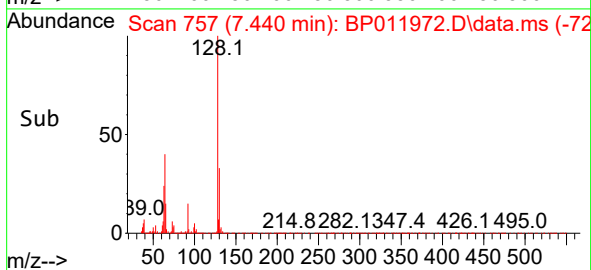
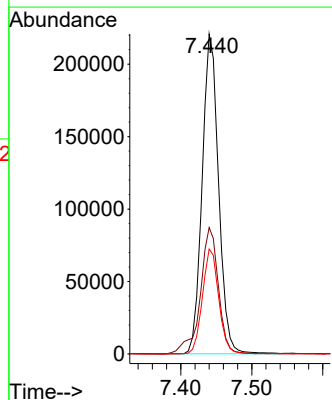
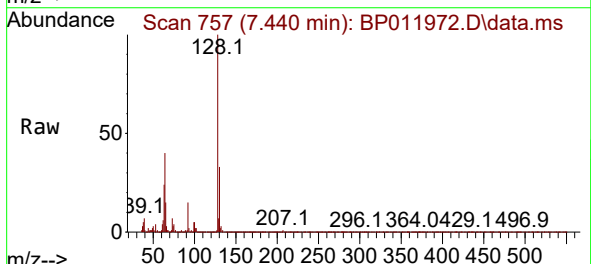


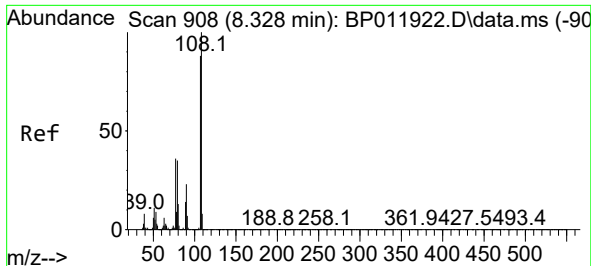
Tgt Ion: 93 Resp: 327932
Ion Ratio Lower Upper
93 100
63 70.2 56.2 84.4
95 32.2 25.9 38.9



#12
2-Chlorophenol
Concen: 20.197 ng/ul
RT: 7.440 min Scan# 757
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:128 Resp: 355230
Ion Ratio Lower Upper
128 100
64 39.5 31.1 46.7
130 32.8 25.5 38.3

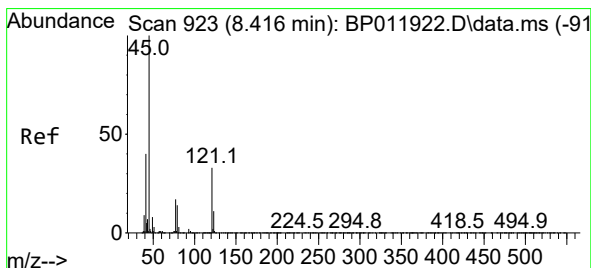
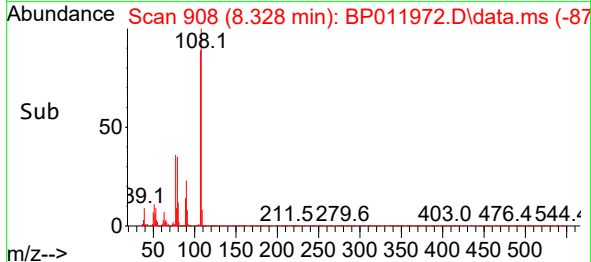
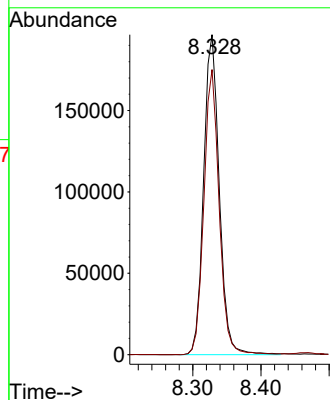
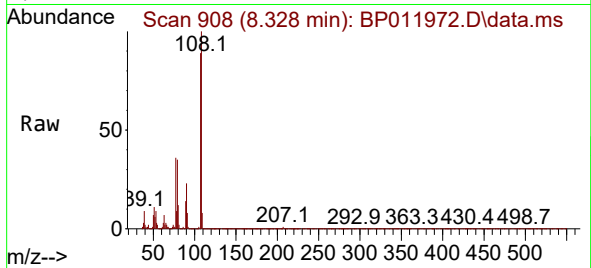




#13
2-Methylphenol
Concen: 18.378 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

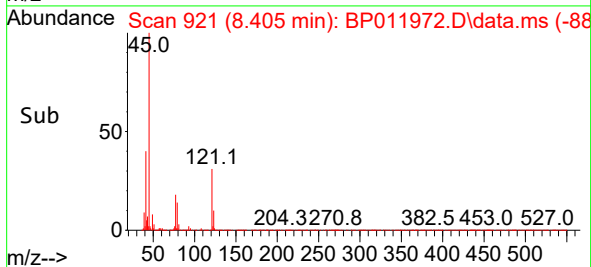
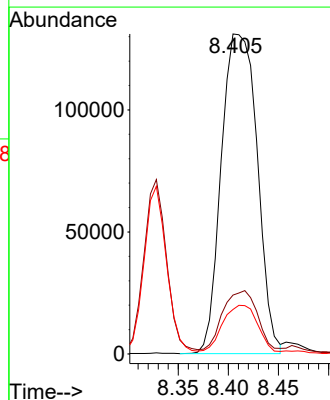
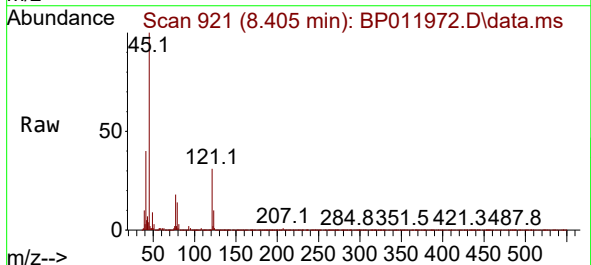
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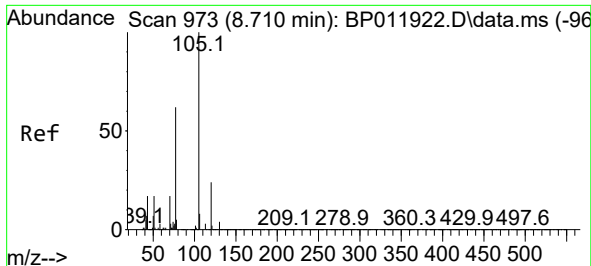
Tgt Ion:108 Resp: 312981
Ion Ratio Lower Upper
108 100
107 89.1 70.2 105.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.239 ng/ul
RT: 8.405 min Scan# 921
Delta R.T. -0.012 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion: 45 Resp: 326221
Ion Ratio Lower Upper
45 100
77 18.4 16.0 24.0
79 13.9 12.5 18.7

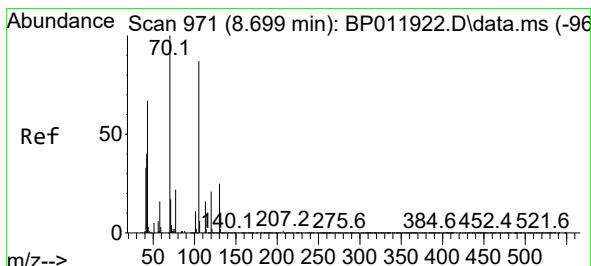
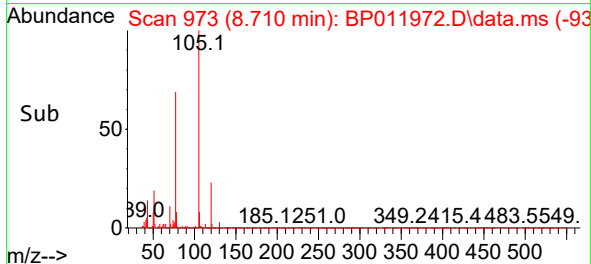
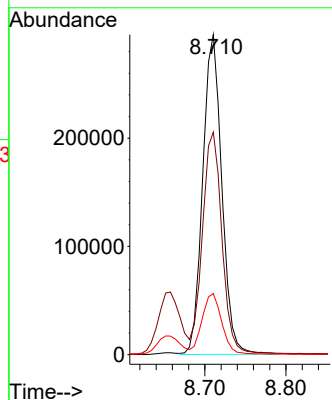
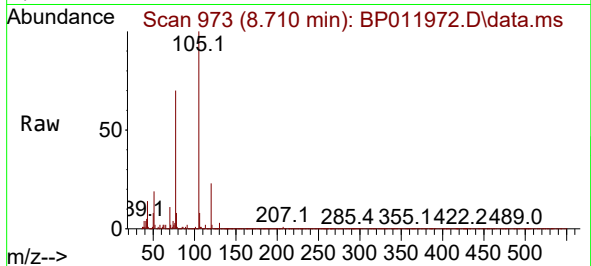




#16
 Acetophenone
 Concen: 18.377 ng/ul
 RT: 8.710 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BP011972.D
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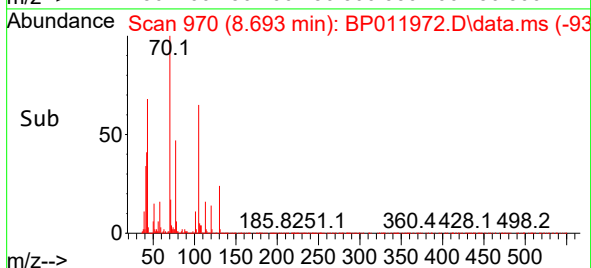
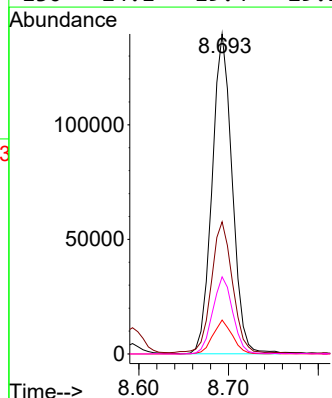
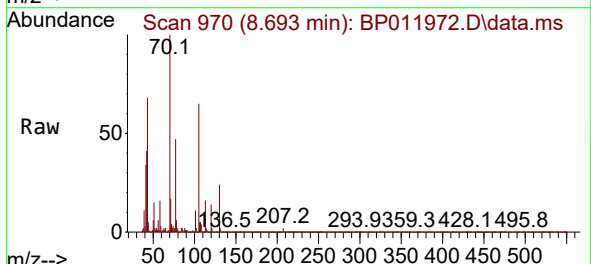
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 ClientSampleId :

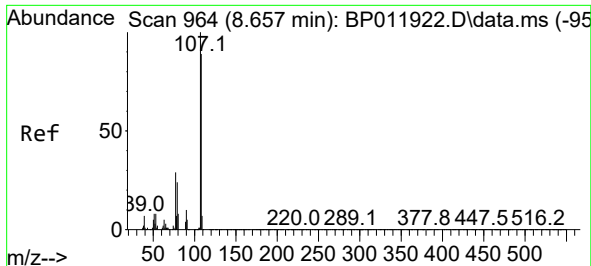
Tgt Ion:105 Resp: 482700
 Ion Ratio Lower Upper
 105 100
 77 69.6 55.4 83.0
 51 19.1 15.2 22.8



#17
 N-Nitroso-di-n-propylamine
 Concen: 17.566 ng/ul
 RT: 8.693 min Scan# 970
 Delta R.T. -0.006 min
 Lab File: BP011972.D
 Acq: 06 Oct 2022 16:15

Tgt Ion: 70 Resp: 217158
 Ion Ratio Lower Upper
 70 100
 42 41.3 32.7 49.1
 101 10.6 8.4 12.6
 130 24.1 19.4 29.2

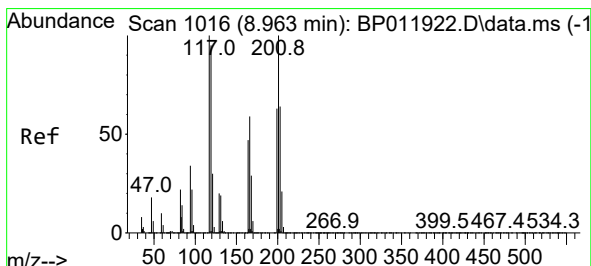
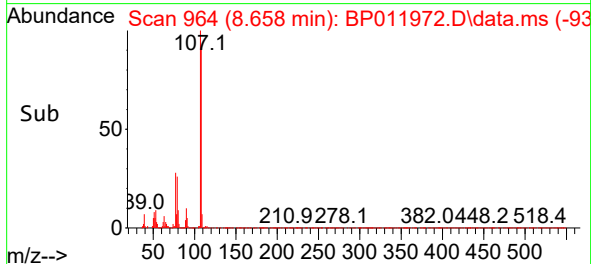
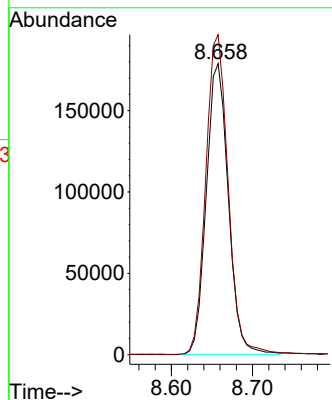
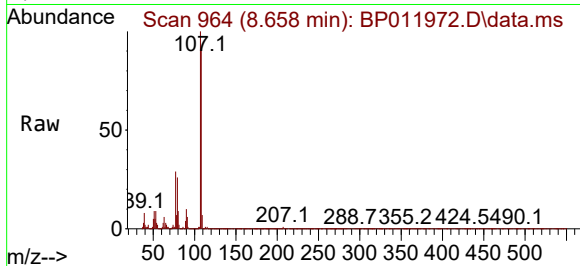




#18
4-Methylphenol
Concen: 17.930 ng/ul
RT: 8.658 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

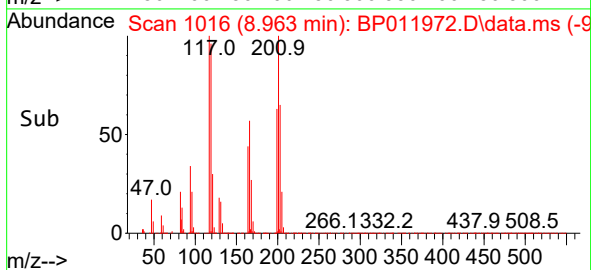
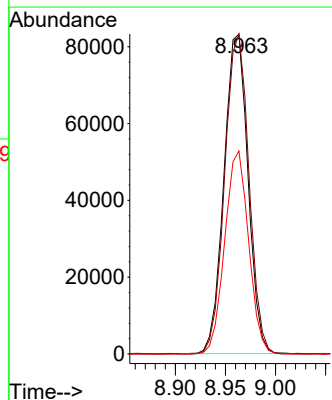
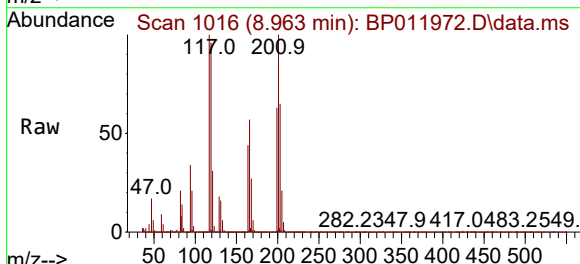
Instrument :
BNA_P
ClientSampleId :

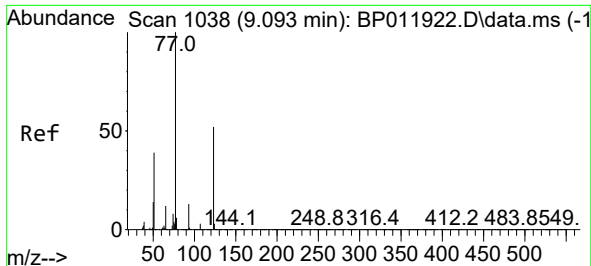
Tgt Ion:108 Resp: 336429
Ion Ratio Lower Upper
108 100
107 109.9 88.0 132.0



#19
Hexachloroethane
Concen: 21.179 ng/ul
RT: 8.963 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:117 Resp: 138932
Ion Ratio Lower Upper
117 100
201 100.1 82.4 123.6
199 63.5 51.6 77.4

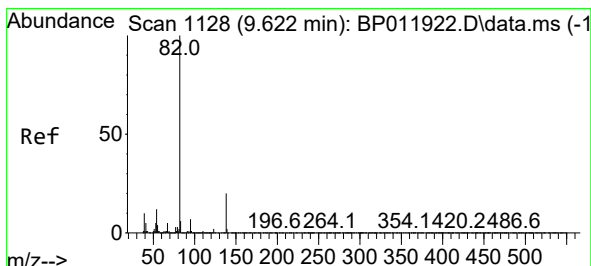
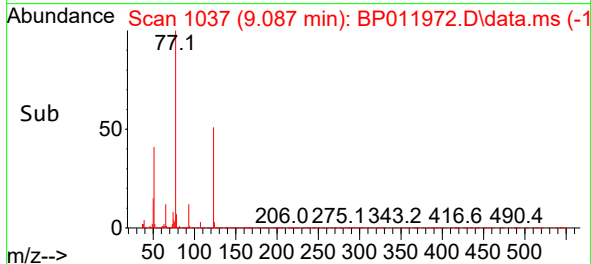
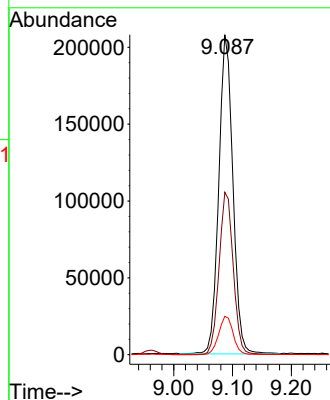
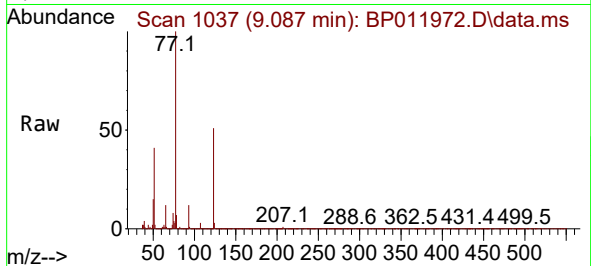




#22
Nitrobenzene
Concen: 21.856 ng/ul
RT: 9.087 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

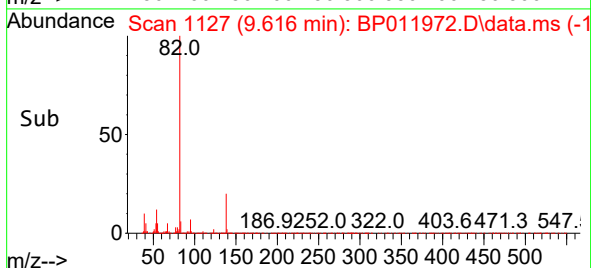
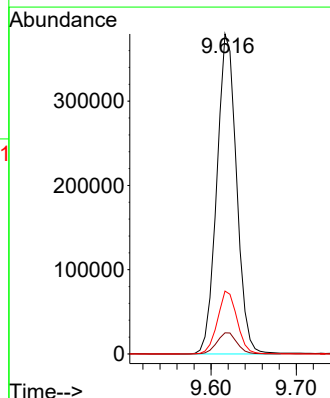
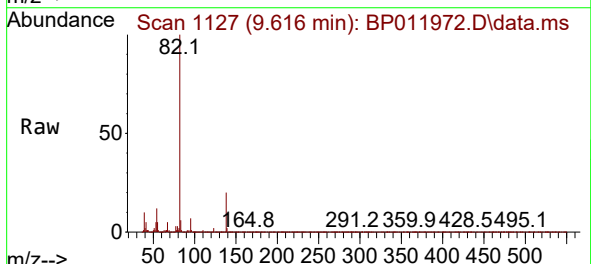
Instrument :
BNA_P
ClientSampleId :

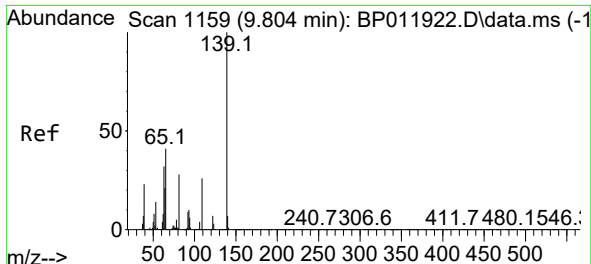
Tgt Ion: 77 Resp: 346419
Ion Ratio Lower Upper
77 100
123 50.8 41.6 62.4
65 12.0 9.7 14.5



#23
Isophorone
Concen: 19.022 ng/ul
RT: 9.616 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion: 82 Resp: 611636
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 19.6 15.8 23.8

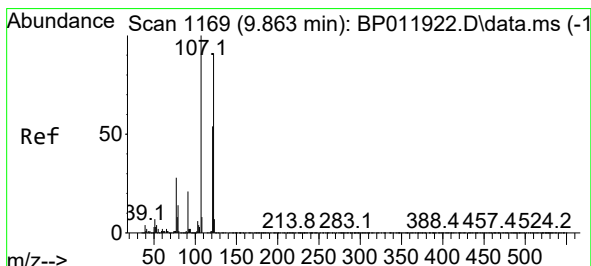
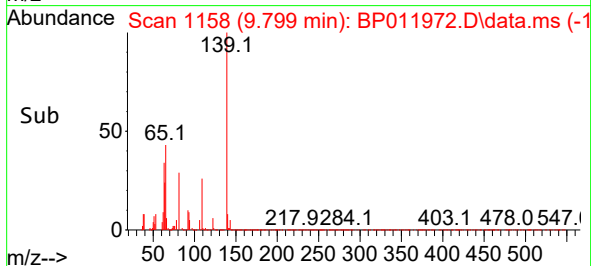
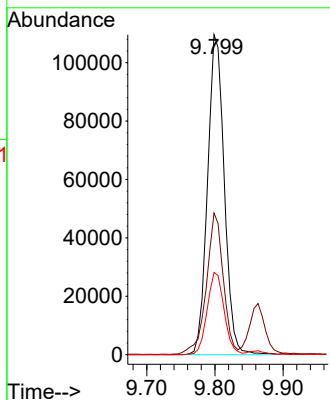
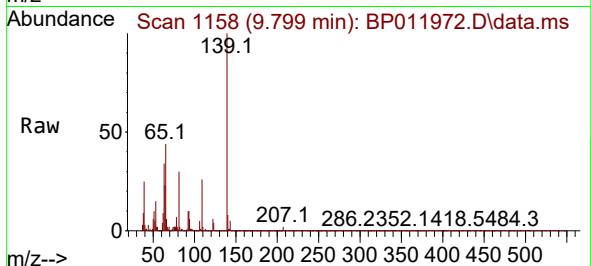




#25
2-Nitrophenol
Concen: 20.801 ng/ul
RT: 9.799 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

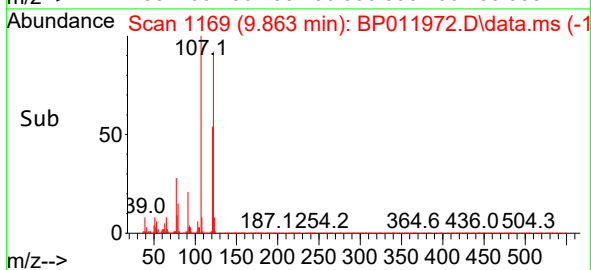
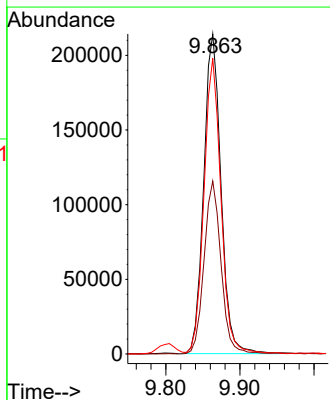
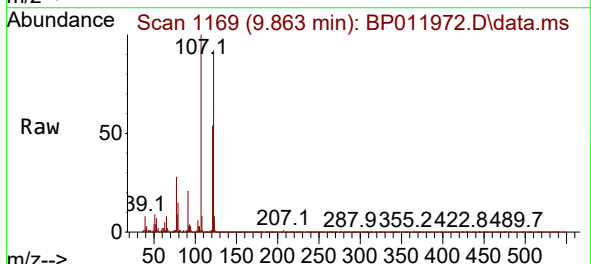
Instrument :
BNA_P
ClientSampleId :

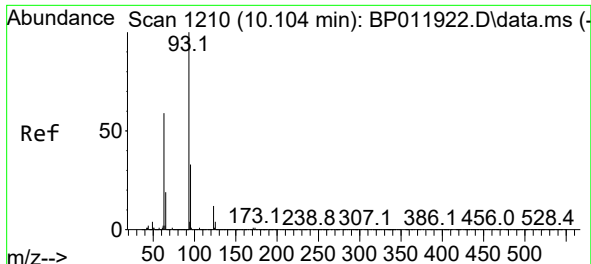
Tgt Ion:139 Resp: 187324
Ion Ratio Lower Upper
139 100
65 44.3 32.2 48.4
109 25.7 19.6 29.4



#26
2,4-Dimethylphenol
Concen: 20.503 ng/ul
RT: 9.863 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:107 Resp: 346858
Ion Ratio Lower Upper
107 100
121 54.1 43.0 64.6
122 92.4 74.9 112.3





#27

Bis(2-Chloroethoxy)methane

Concen: 19.754 ng/ul

RT: 10.099 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

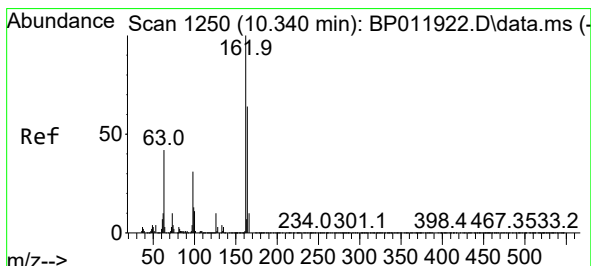
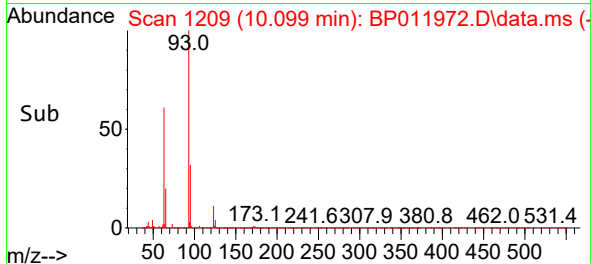
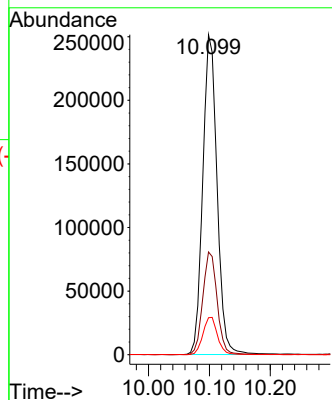
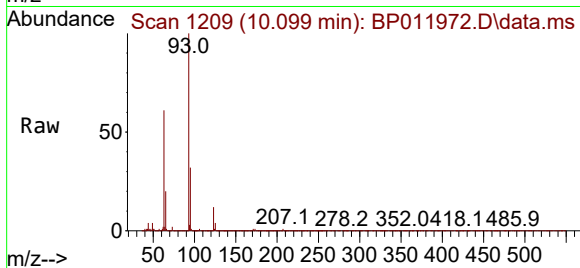
Tgt Ion: 93 Resp: 409791

Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

123 11.5 9.5 14.3



#29

2,4-Dichlorophenol

Concen: 21.099 ng/ul

RT: 10.334 min Scan# 1249

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

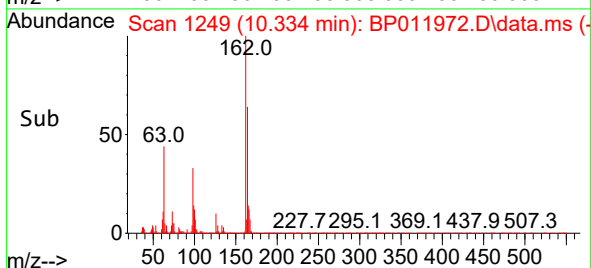
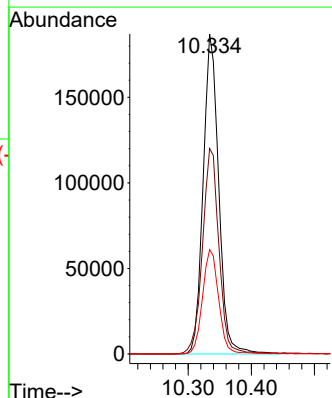
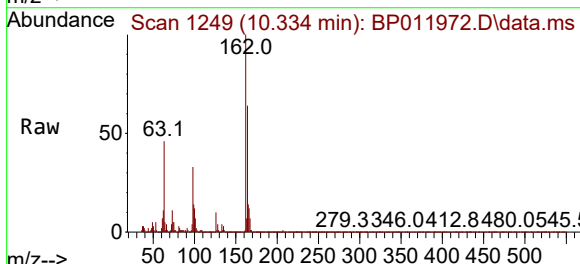
Tgt Ion:162 Resp: 318852

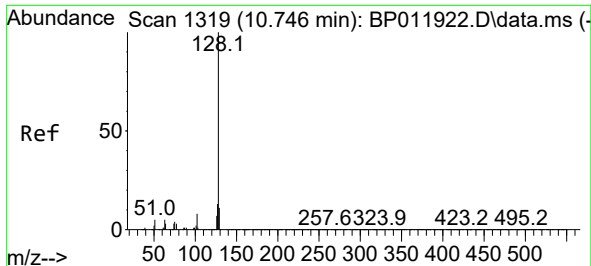
Ion Ratio Lower Upper

162 100

164 64.2 52.2 78.4

98 32.6 27.0 40.4

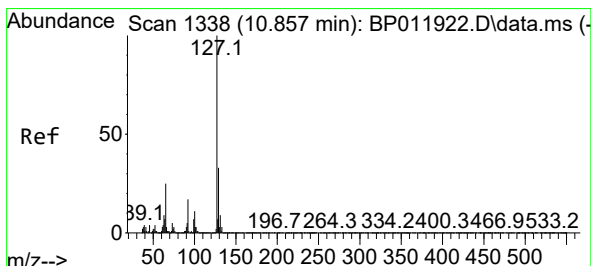
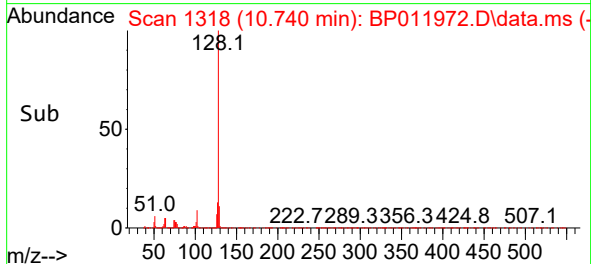
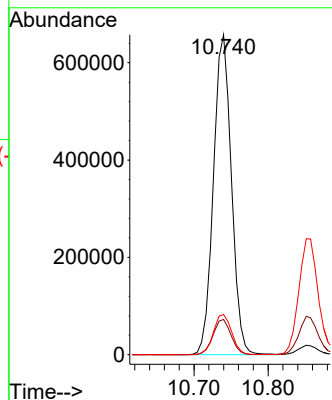
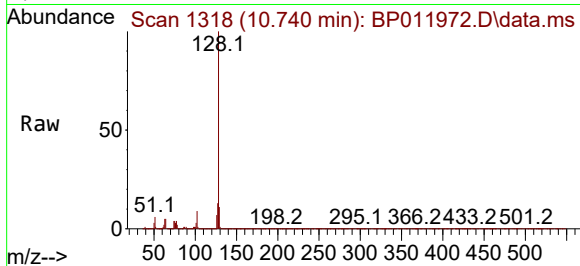




#30
Naphthalene
Concen: 21.259 ng/ul
RT: 10.740 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

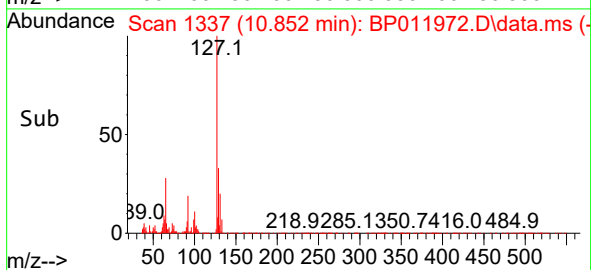
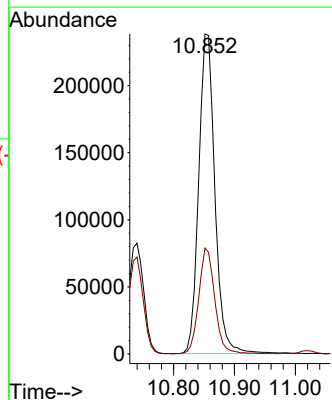
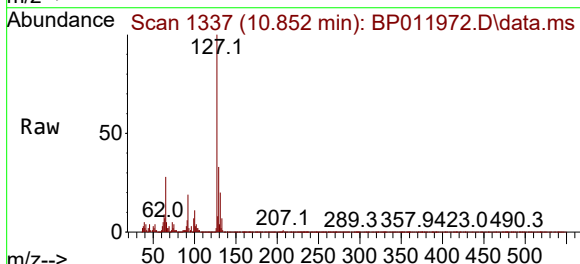
Instrument :
BNA_P
ClientSampleId :

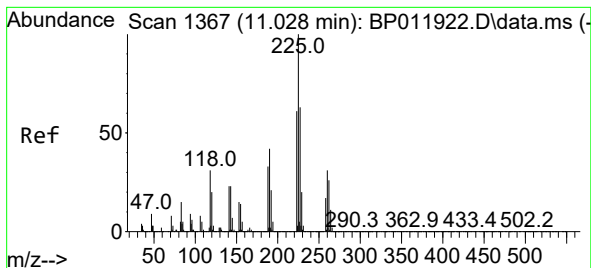
Tgt Ion:128 Resp: 1104844
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.5 10.5 15.7



#32
4-Chloroaniline
Concen: 19.339 ng/ul
RT: 10.852 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:127 Resp: 439899
Ion Ratio Lower Upper
127 100
129 33.1 26.6 39.8





#33

Hexachlorobutadiene

Concen: 21.581 ng/ul

RT: 11.022 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

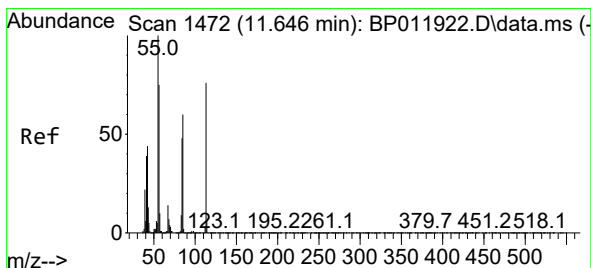
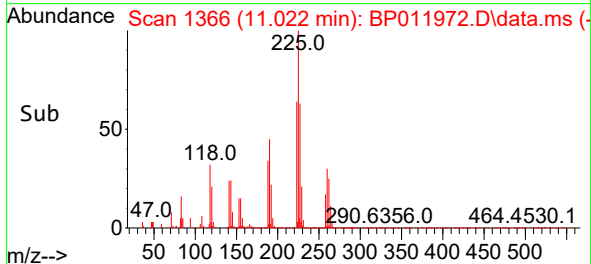
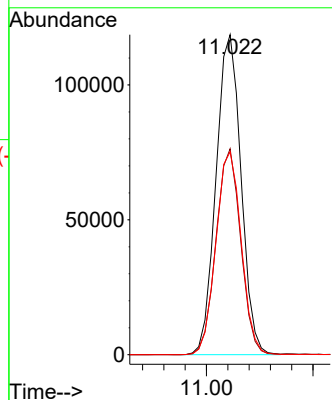
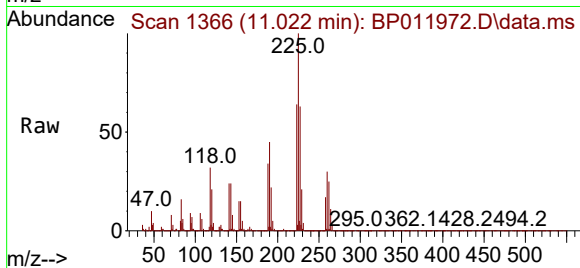
Tgt Ion:225 Resp: 193036

Ion Ratio Lower Upper

225 100

223 64.4 52.1 78.1

227 63.4 52.3 78.5



#34

Caprolactam

Concen: 20.035 ng/ul

RT: 11.640 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

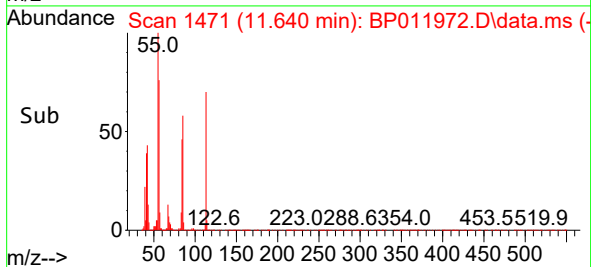
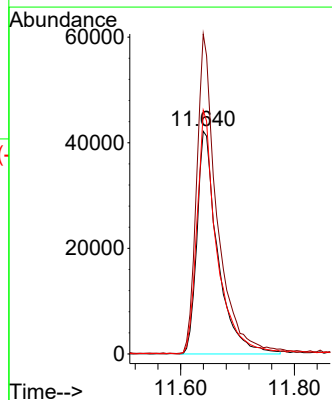
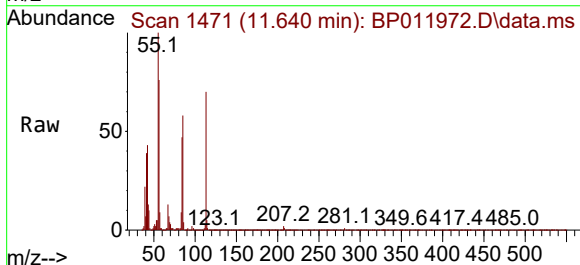
Tgt Ion:113 Resp: 107153

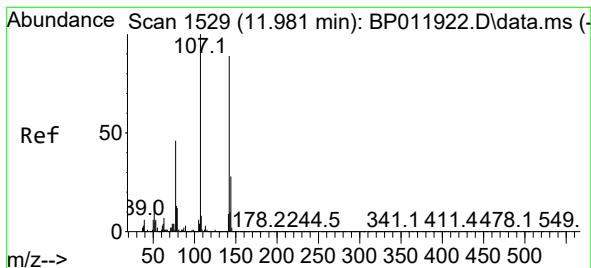
Ion Ratio Lower Upper

113 100

55 143.7 106.0 159.0

56 109.4 78.7 118.1

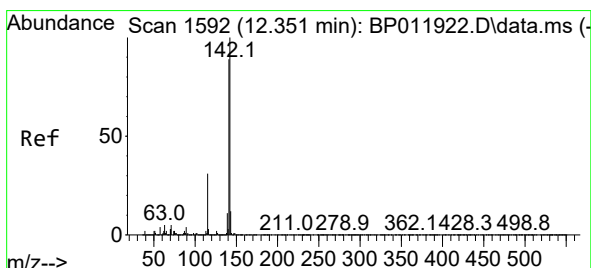
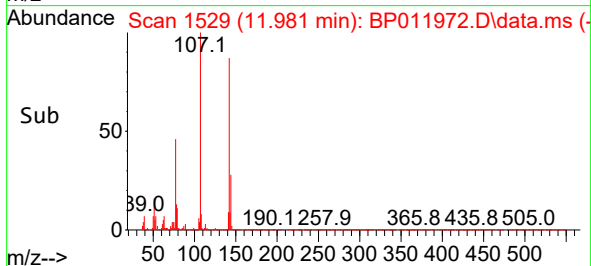
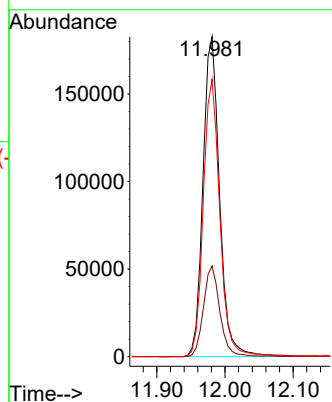
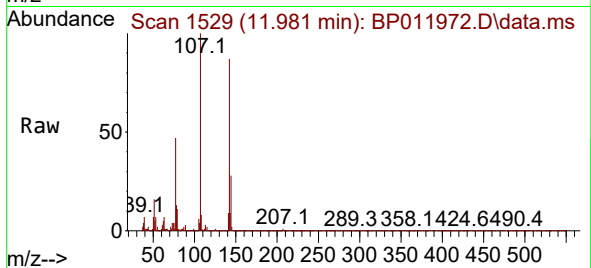




#35
4-Chloro-3-methylphenol
Concen: 19.288 ng/ul
RT: 11.981 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

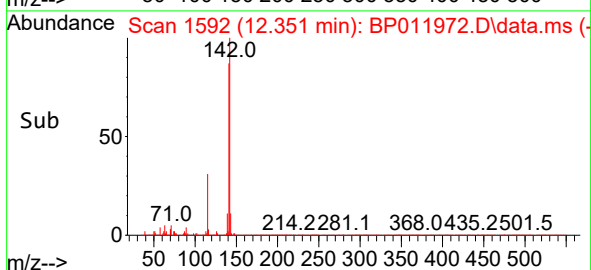
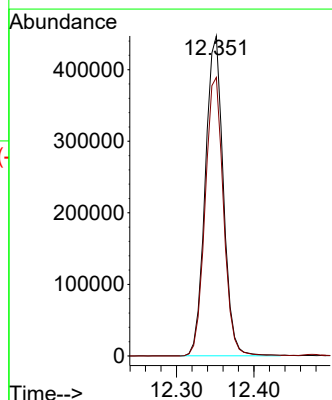
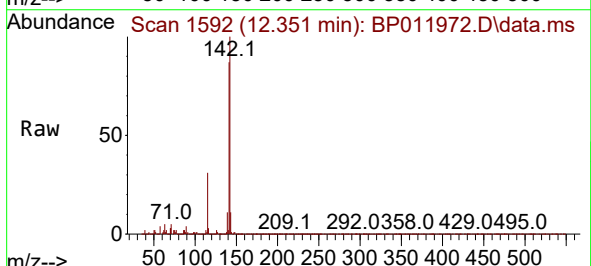
Instrument :
BNA_P
ClientSampleId :

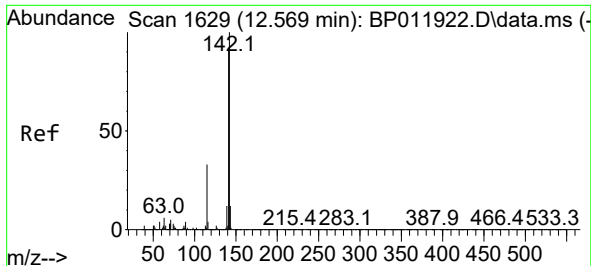
Tgt Ion:107 Resp: 309063
Ion Ratio Lower Upper
107 100
144 28.4 22.5 33.7
142 86.7 70.0 105.0



#36
2-Methylnaphthalene
Concen: 19.870 ng/ul
RT: 12.351 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:142 Resp: 721151
Ion Ratio Lower Upper
142 100
141 87.0 70.6 106.0





#37

1-Methylnaphthalene

Concen: 19.734 ng/ul

RT: 12.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

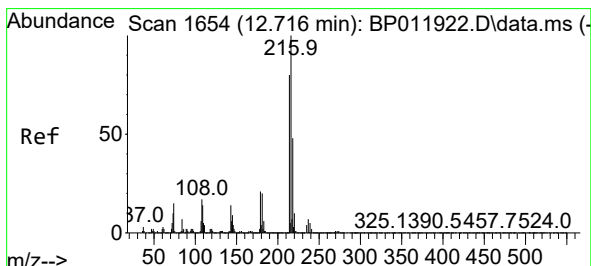
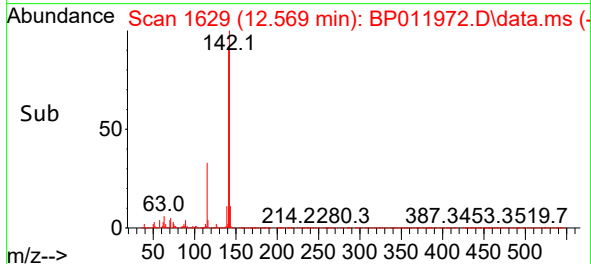
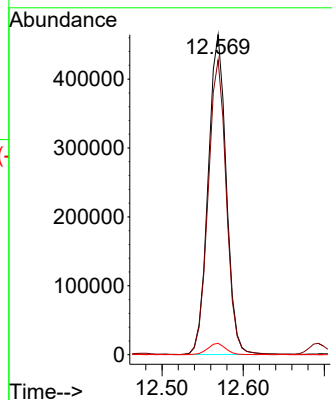
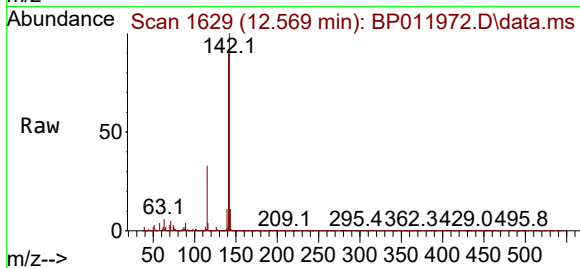
Tgt Ion:142 Resp: 718672

Ion Ratio Lower Upper

142 100

141 92.1 74.8 112.2

116 3.6 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.479 ng/ul

RT: 12.716 min Scan# 1654

Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Tgt Ion:216 Resp: 368723

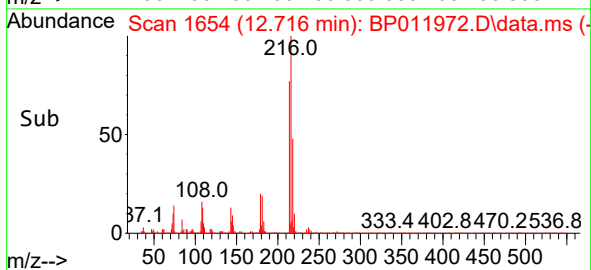
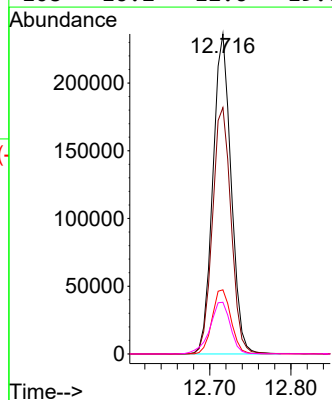
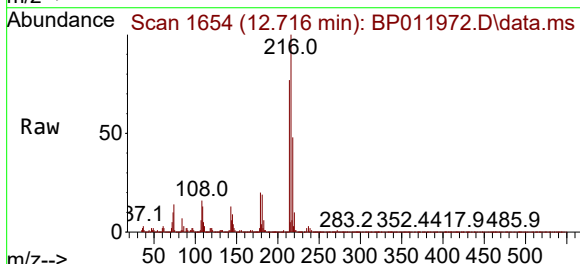
Ion Ratio Lower Upper

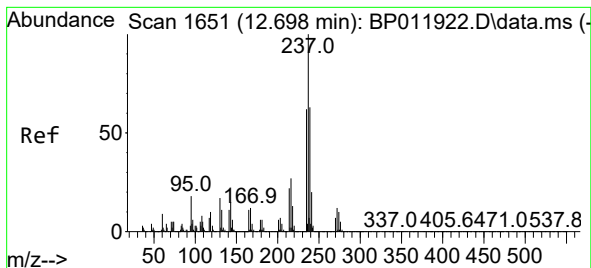
216 100

214 77.0 62.6 94.0

179 20.1 16.6 24.8

108 16.2 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 20.938 ng/ul

RT: 12.693 min Scan# 1650

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

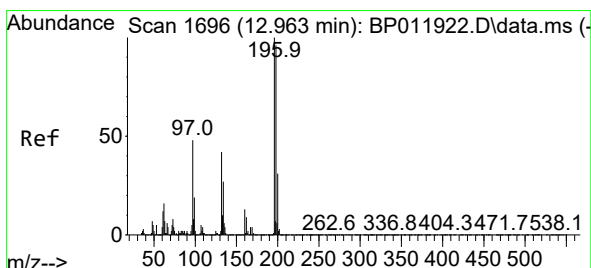
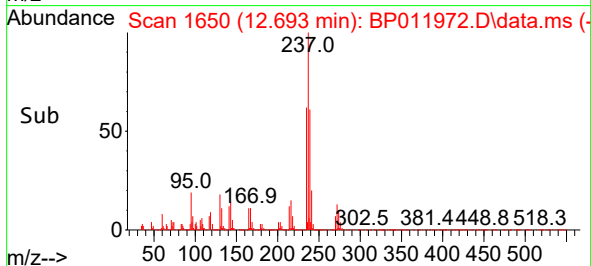
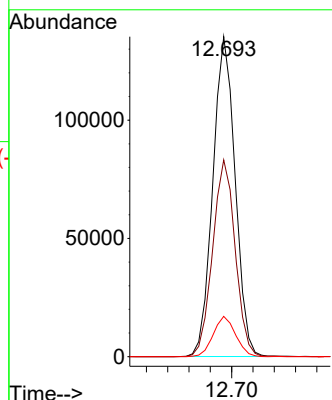
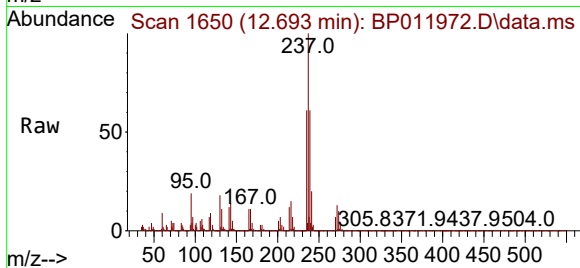
Tgt Ion:237 Resp: 196208

Ion Ratio Lower Upper

237 100

235 61.5 51.0 76.6

272 12.6 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 21.433 ng/ul

RT: 12.957 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

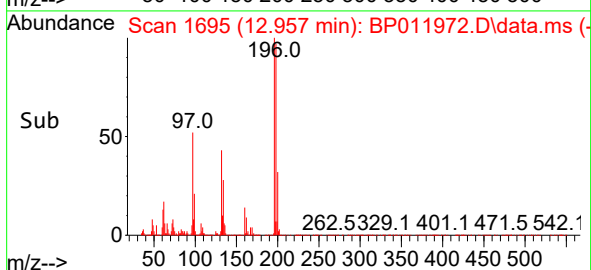
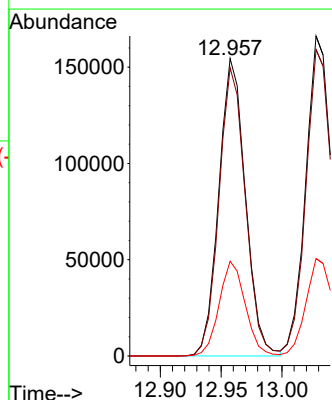
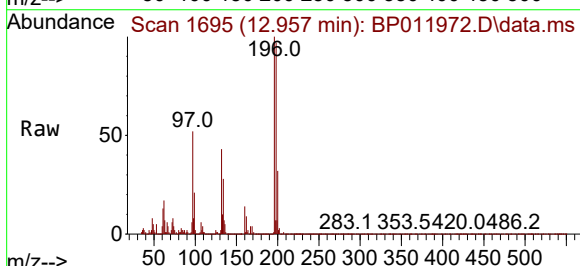
Tgt Ion:196 Resp: 235338

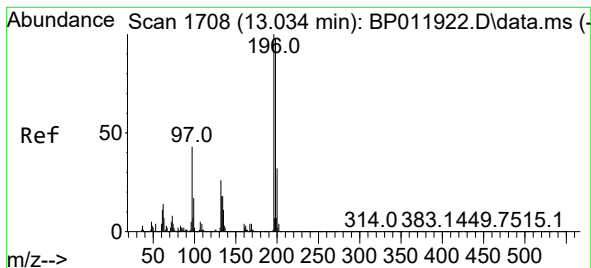
Ion Ratio Lower Upper

196 100

198 96.9 78.7 118.1

200 31.9 24.5 36.7





#42

2,4,5-Trichlorophenol

Concen: 21.395 ng/ul

RT: 13.028 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

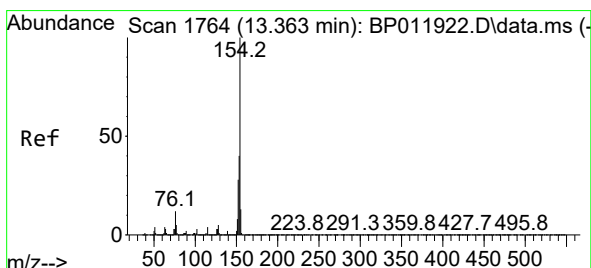
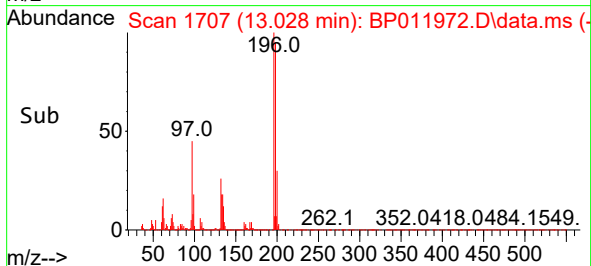
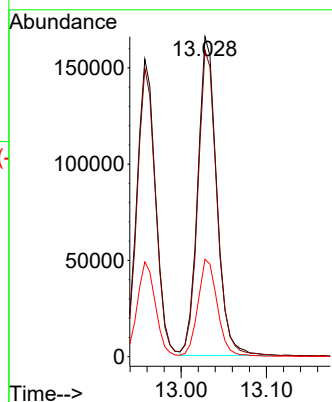
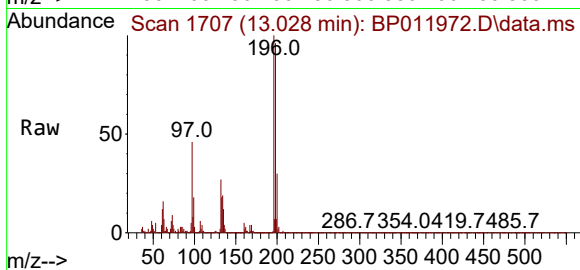
Tgt Ion:196 Resp: 255893

Ion Ratio Lower Upper

196 100

198 95.8 76.6 114.8

200 30.4 25.6 38.4



#43

1,1'-Biphenyl

Concen: 21.709 ng/ul

RT: 13.357 min Scan# 1763

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

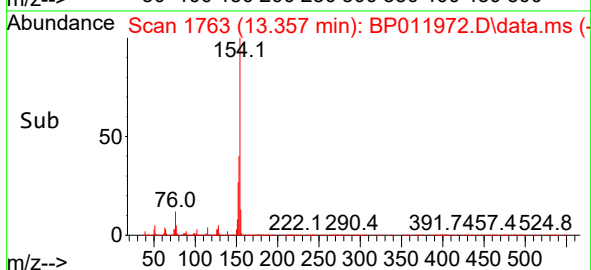
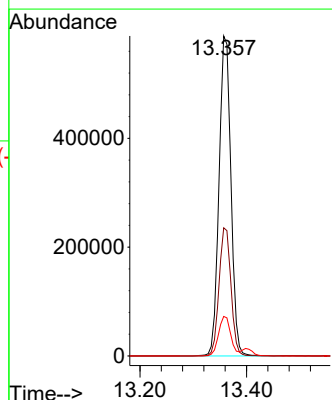
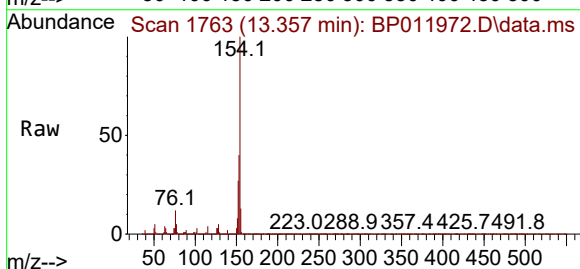
Tgt Ion:154 Resp: 908230

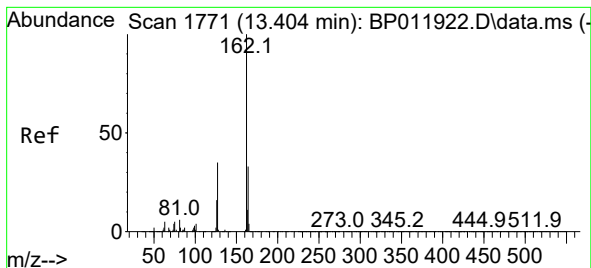
Ion Ratio Lower Upper

154 100

153 40.0 31.8 47.6

76 12.4 9.5 14.3





#44

2-Chloronaphthalene

Concen: 22.006 ng/ul

RT: 13.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

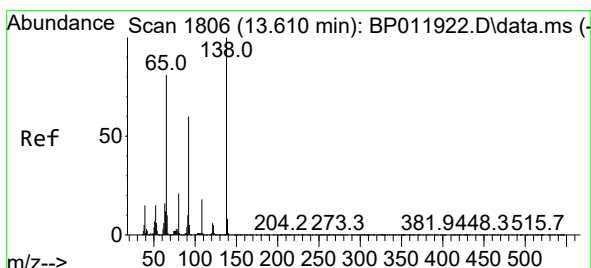
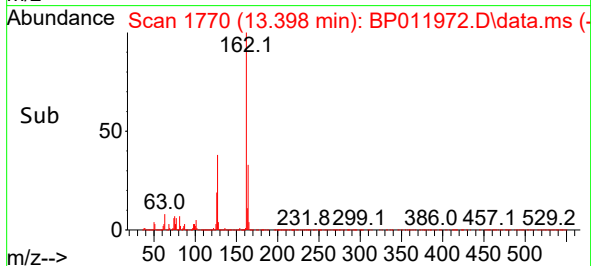
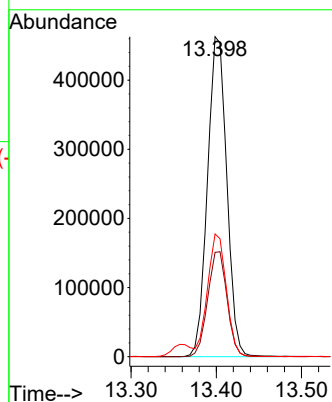
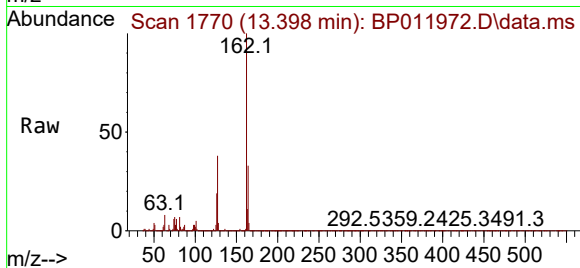
Tgt Ion:162 Resp: 727880

Ion Ratio Lower Upper

162 100

164 32.6 26.5 39.7

127 38.4 29.7 44.5



#45

2-Nitroaniline

Concen: 21.360 ng/ul

RT: 13.610 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

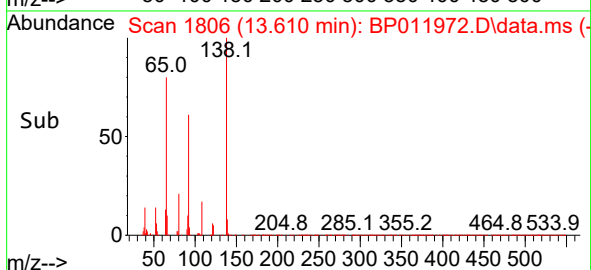
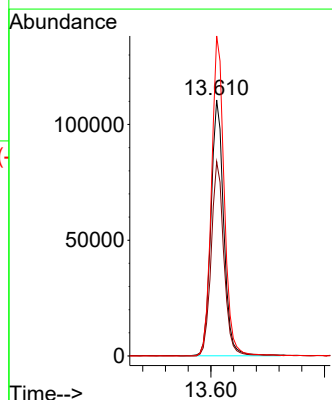
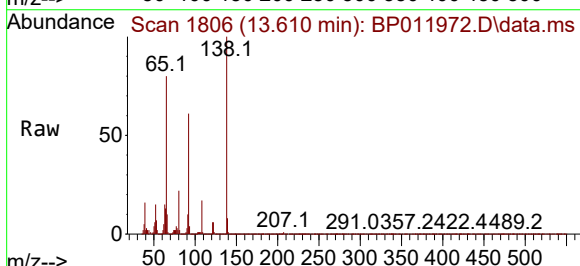
Tgt Ion: 65 Resp: 172457

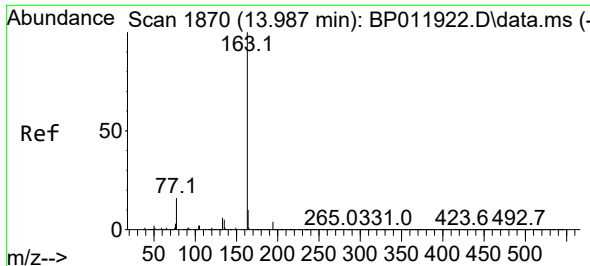
Ion Ratio Lower Upper

65 100

92 75.9 61.2 91.8

138 125.0 103.0 154.4

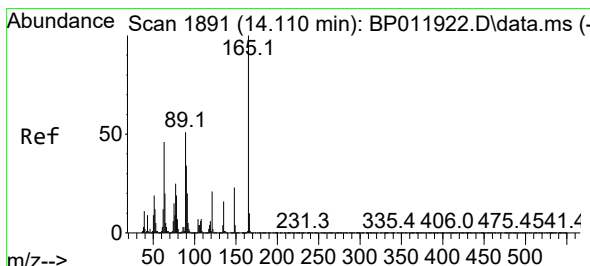
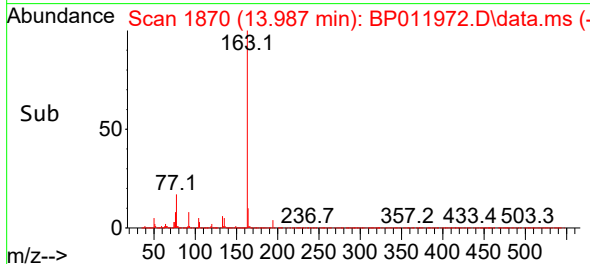
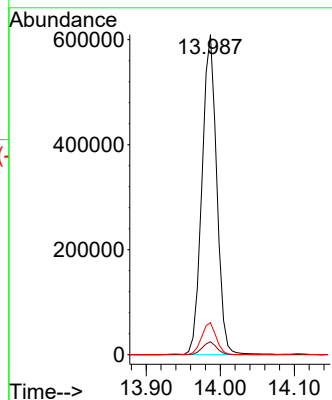
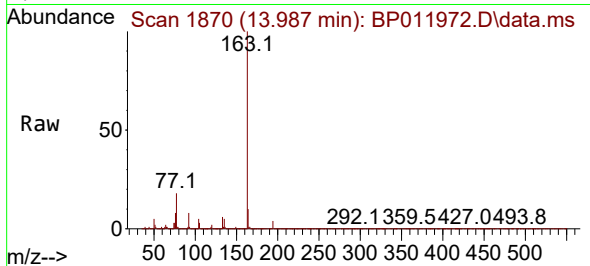




#47
Dimethylphthalate
Concen: 19.839 ng/ul
RT: 13.987 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

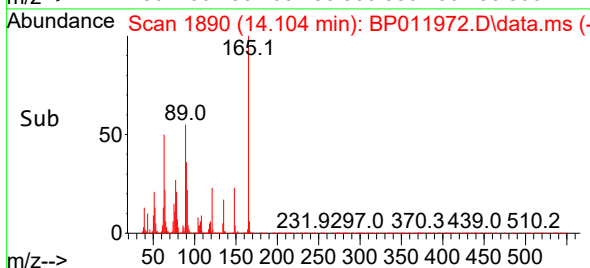
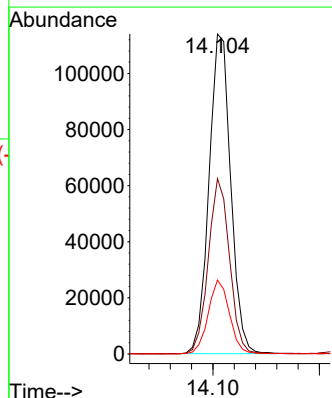
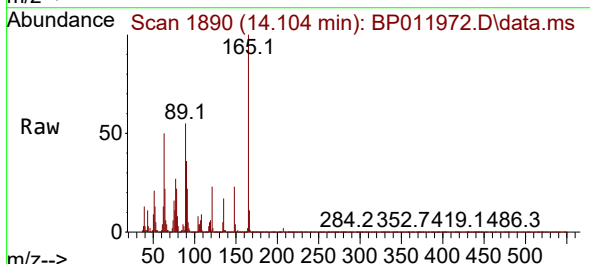
Instrument :
BNA_P
ClientSampleId :

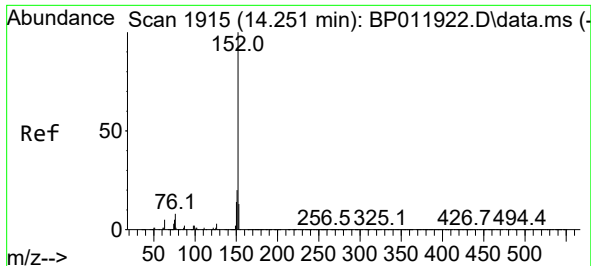
Tgt Ion:163 Resp: 840968
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.5 12.7



#48
2,6-Dinitrotoluene
Concen: 19.501 ng/ul
RT: 14.104 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:165 Resp: 161105
Ion Ratio Lower Upper
165 100
89 54.8 39.1 58.7
121 23.1 16.7 25.1

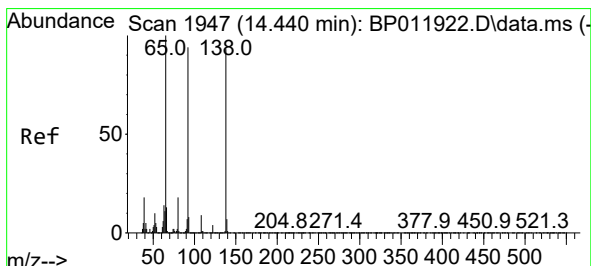
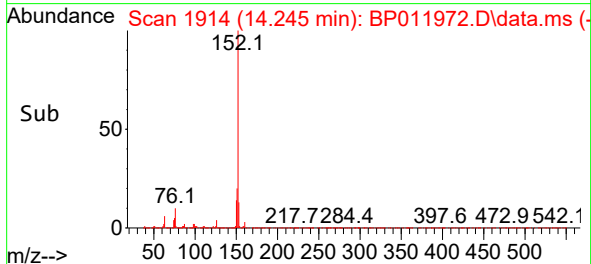
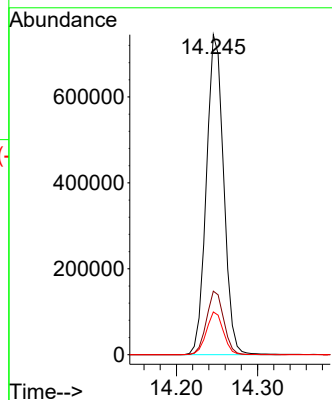
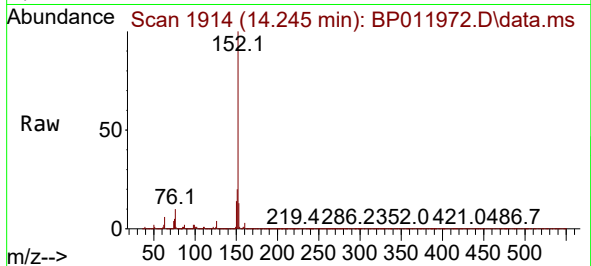




#50
Acenaphthylene
Concen: 21.407 ng/ul
RT: 14.245 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

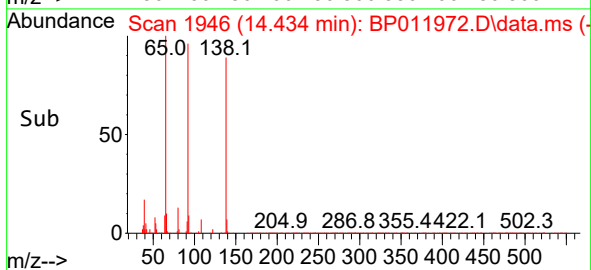
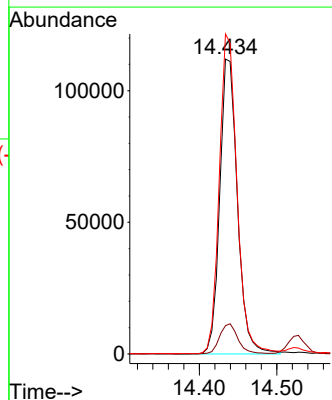
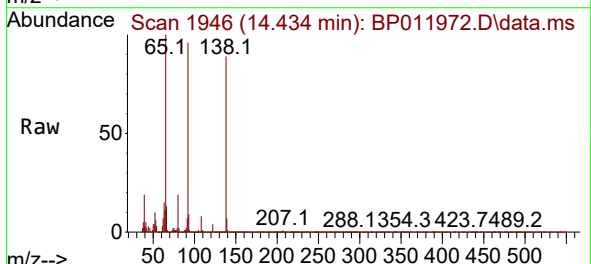
Instrument :
BNA_P
ClientSampleId :

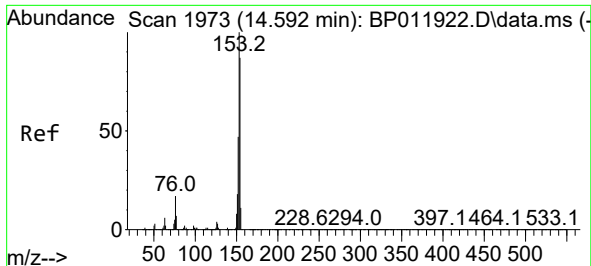
Tgt Ion:152 Resp: 1096284
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.3 10.8 16.2



#51
3-Nitroaniline
Concen: 18.587 ng/ul
RT: 14.434 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:138 Resp: 177972
Ion Ratio Lower Upper
138 100
108 9.6 8.2 12.4
92 108.5 85.6 128.4

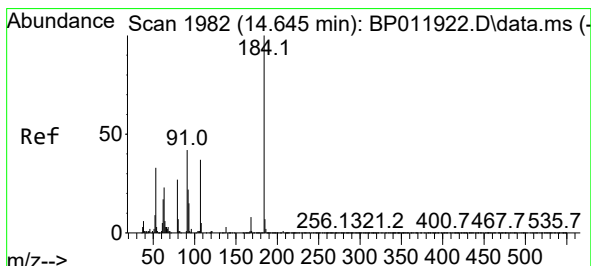
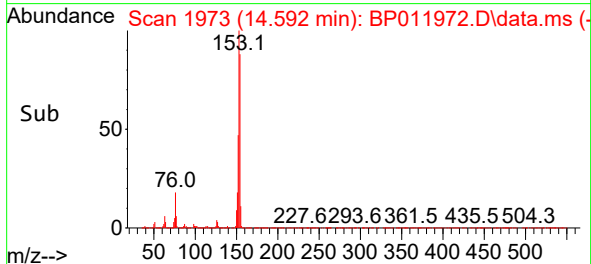
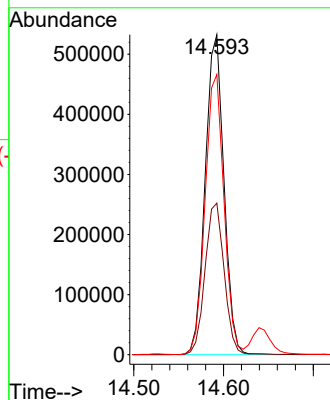
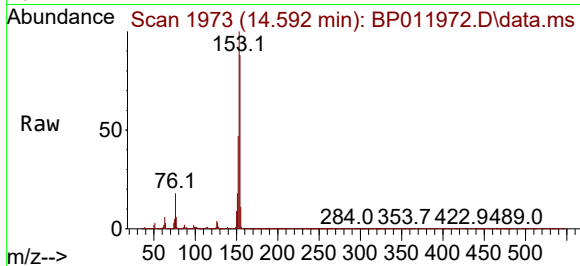




#52
Acenaphthene
Concen: 21.304 ng/ul
RT: 14.592 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

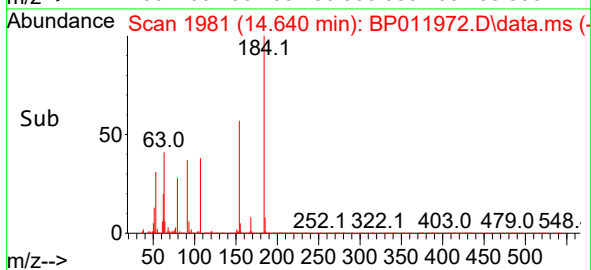
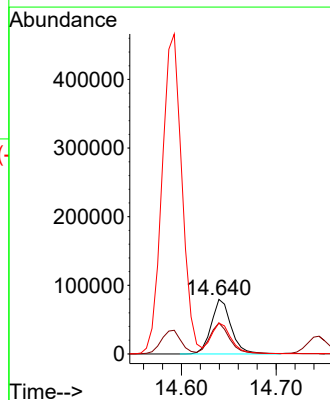
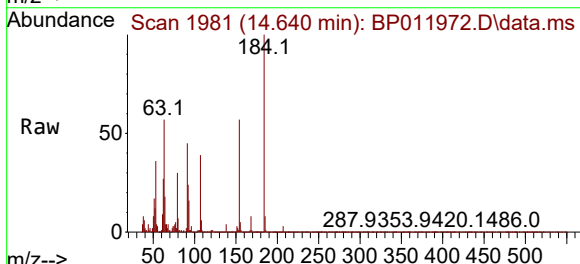
Instrument :
BNA_P
ClientSampleId :

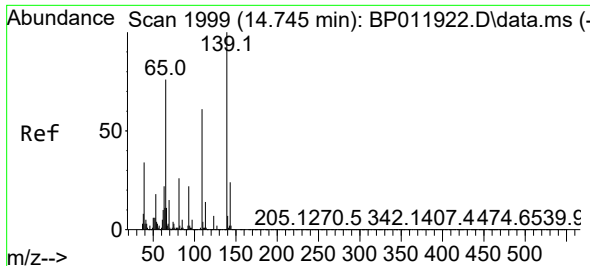
Tgt Ion:153 Resp: 769720
Ion Ratio Lower Upper
153 100
152 47.3 38.4 57.6
154 87.6 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 20.727 ng/ul
RT: 14.640 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:184 Resp: 116092
Ion Ratio Lower Upper
184 100
63 57.0 44.2 66.4
154 56.7 45.8 68.6

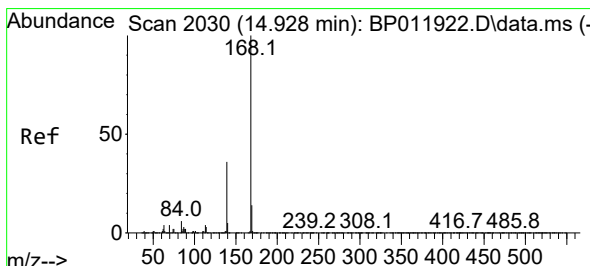
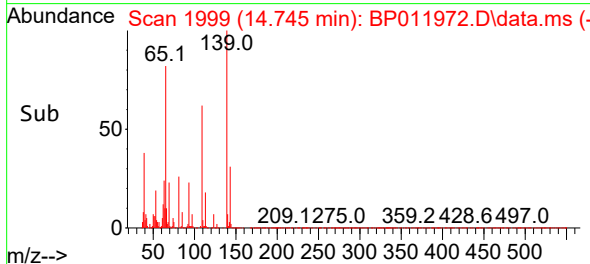
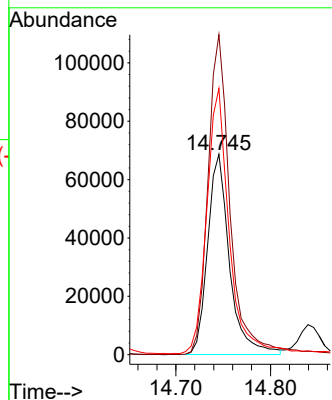
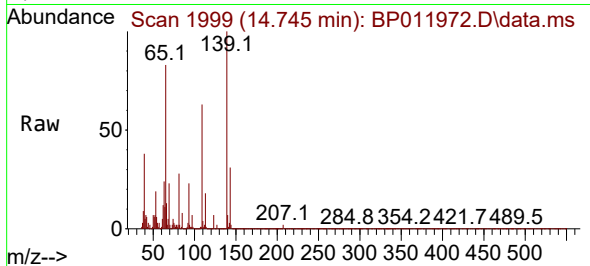




#55
4-Nitrophenol
Concen: 19.466 ng/ul
RT: 14.745 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

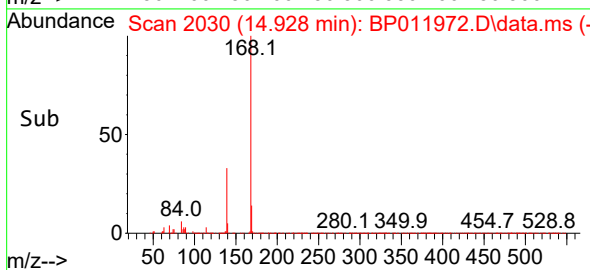
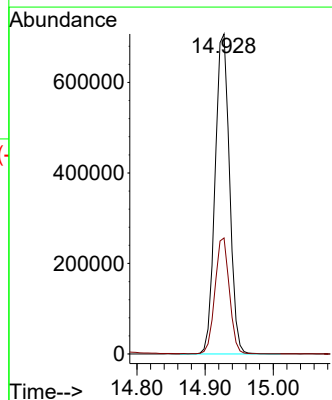
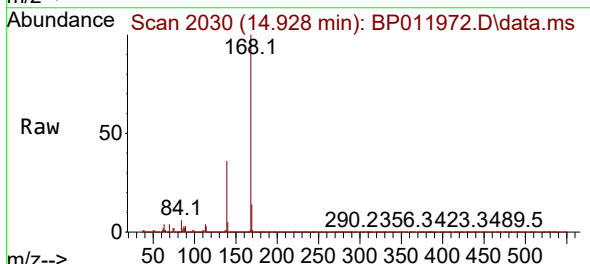
Instrument :
BNA_P
ClientSampleId :

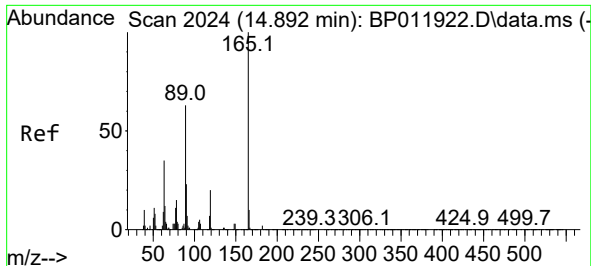
Tgt Ion:109 Resp: 110063
Ion Ratio Lower Upper
109 100
139 159.7 125.0 187.6
65 132.9 101.9 152.9



#56
Dibenzofuran
Concen: 21.048 ng/ul
RT: 14.928 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:168 Resp: 1041617
Ion Ratio Lower Upper
168 100
139 36.2 29.4 44.2





#57

2,4-Dinitrotoluene

Concen: 19.772 ng/ul

RT: 14.892 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

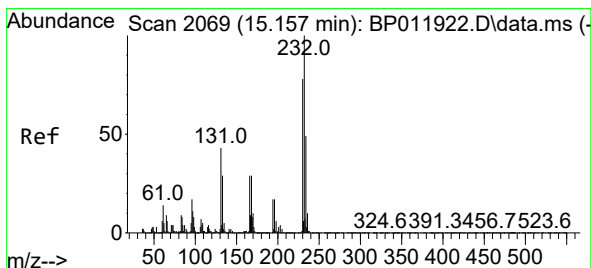
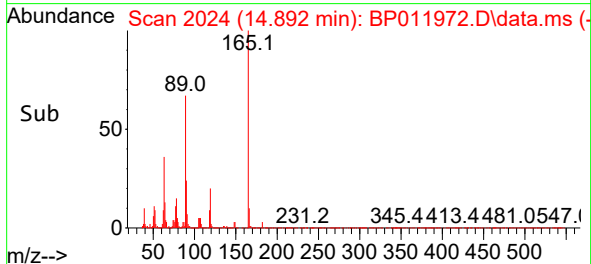
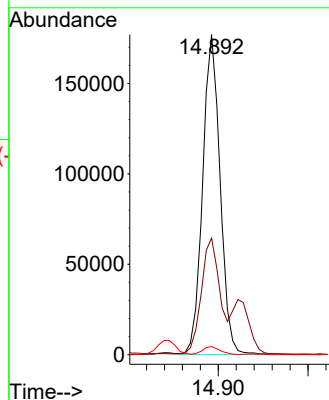
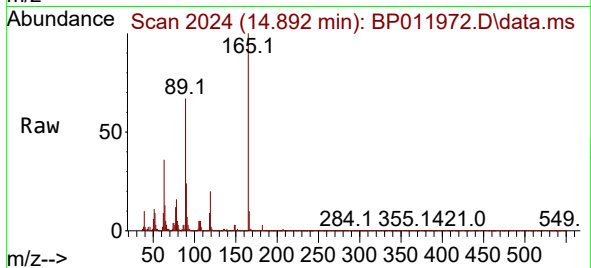
Tgt Ion:165 Resp: 238758

Ion Ratio Lower Upper

165 100

63 36.5 28.2 42.2

182 2.5 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.478 ng/ul

RT: 15.151 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Tgt Ion:232 Resp: 212774

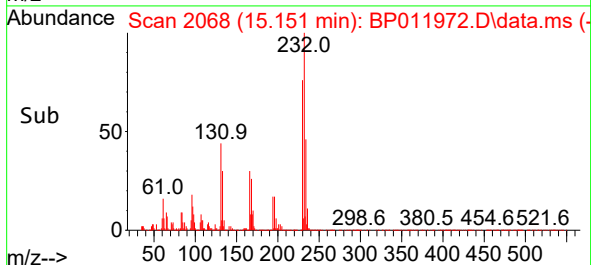
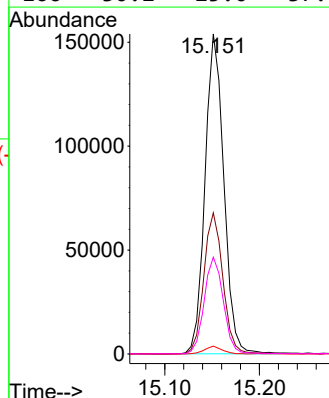
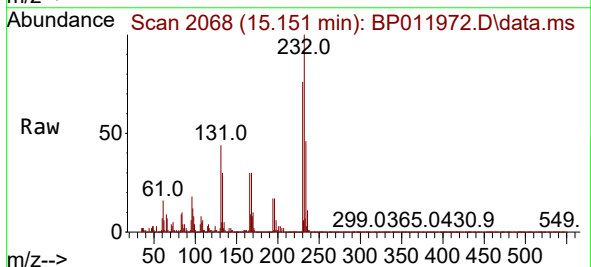
Ion Ratio Lower Upper

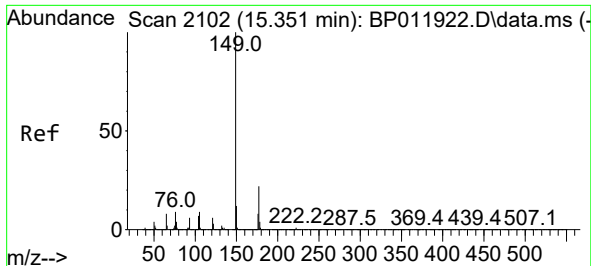
232 100

131 44.1 36.2 54.2

130 2.5 1.7 2.5

166 30.2 25.0 37.4

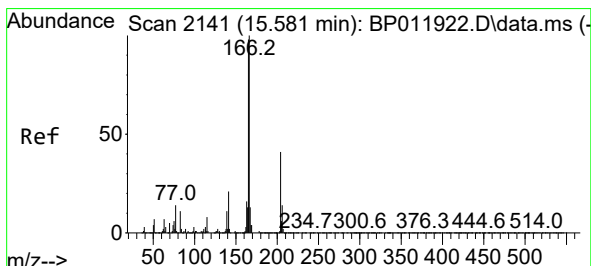
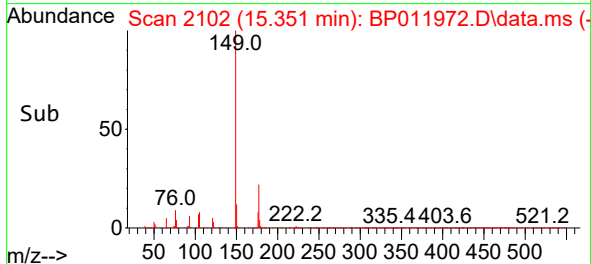
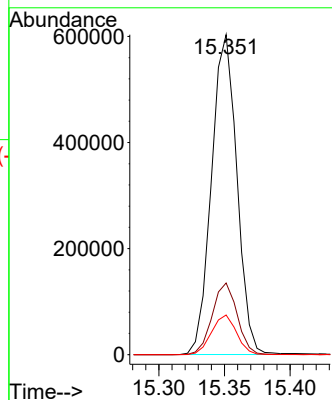
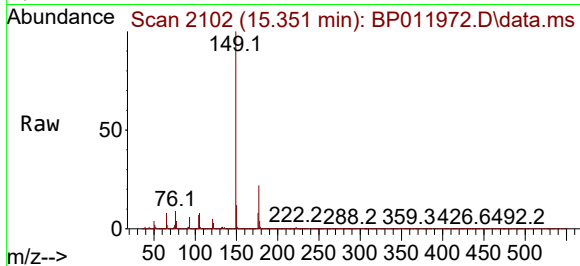




#59
Diethylphthalate
Concen: 19.124 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

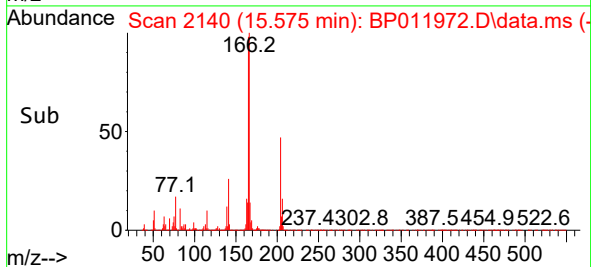
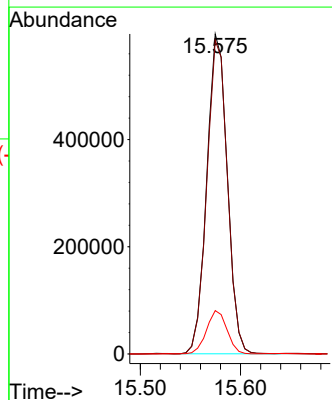
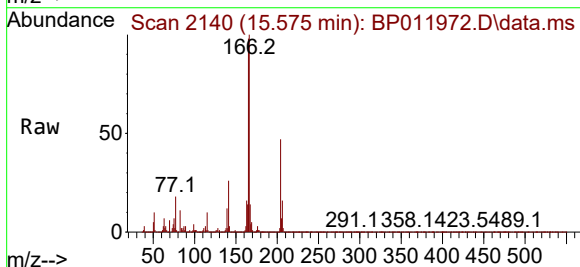
Instrument :
BNA_P
ClientSampleId :

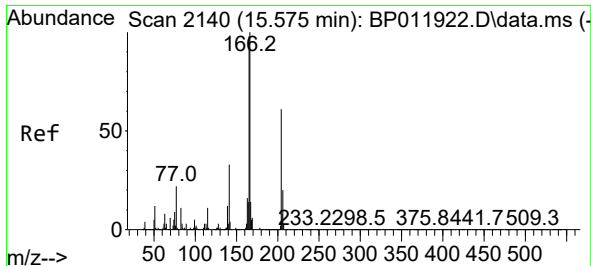
Tgt Ion:149 Resp: 812134
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.4 9.9 14.9



#61
Fluorene
Concen: 20.901 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:166 Resp: 847172
Ion Ratio Lower Upper
166 100
165 98.0 77.2 115.8
167 13.6 10.7 16.1

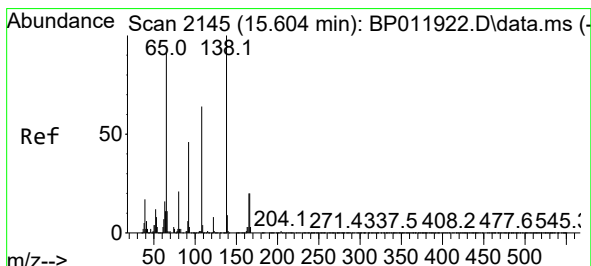
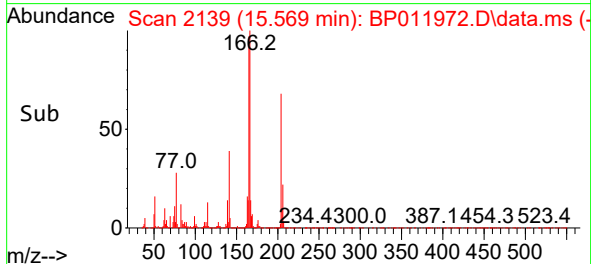
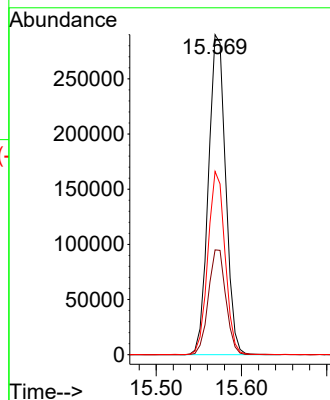
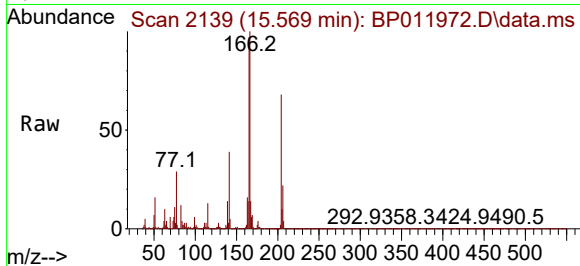




#62
4-Chlorophenyl-phenylether
Concen: 20.265 ng/ul
RT: 15.569 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

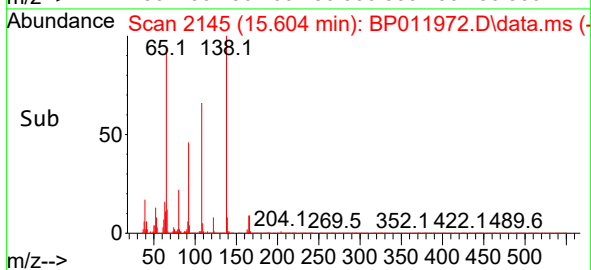
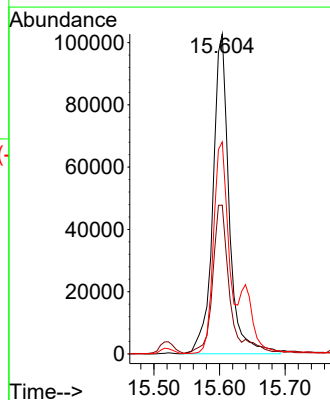
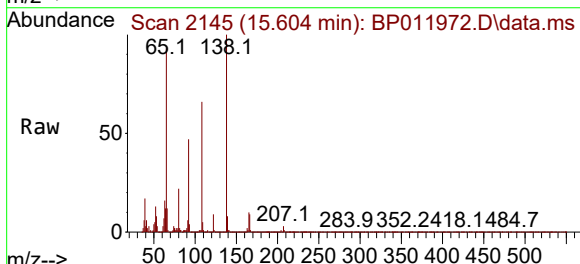
Instrument :
BNA_P
ClientSampleId :

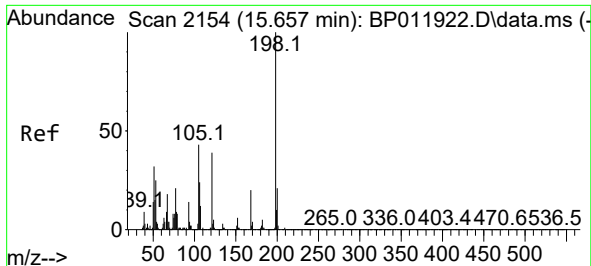
Tgt Ion:204 Resp: 406625
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 57.2 44.5 66.7



#63
4-Nitroaniline
Concen: 19.426 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:138 Resp: 177500
Ion Ratio Lower Upper
138 100
92 46.5 35.9 53.9
108 66.2 51.6 77.4

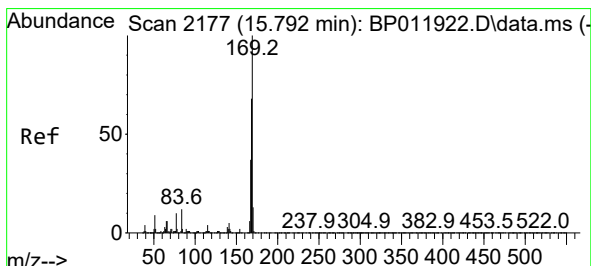
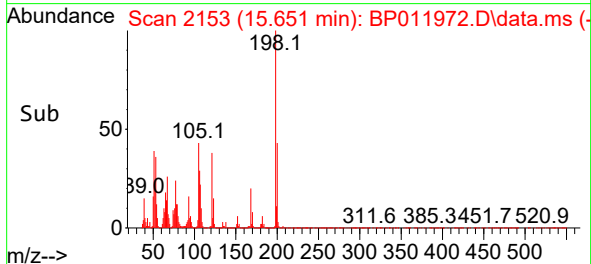
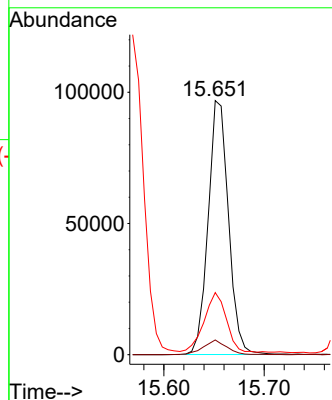
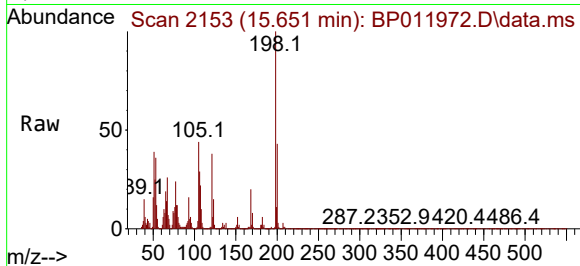




#66
4,6-Dinitro-2-methylphenol
Concen: 18.417 ng/ul
RT: 15.651 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

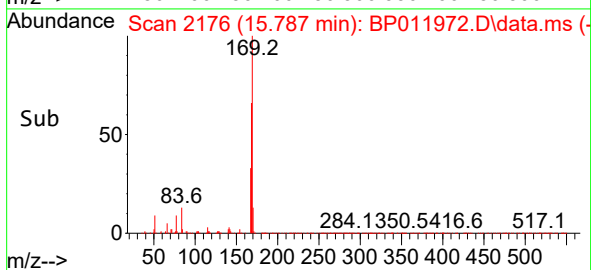
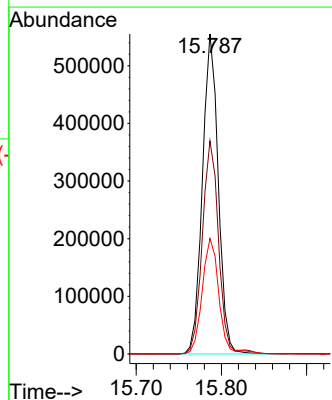
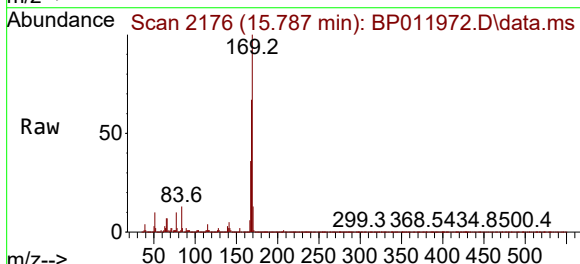
Instrument :
BNA_P
ClientSampleId :

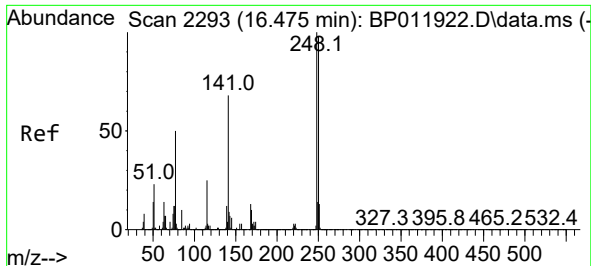
Tgt Ion:198 Resp: 136155
Ion Ratio Lower Upper
198 100
182 5.8 3.7 5.5#
77 24.5 16.6 24.8



#67
N-Nitrosodiphenylamine
Concen: 21.033 ng/ul
RT: 15.787 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:169 Resp: 715340
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 36.1 29.9 44.9

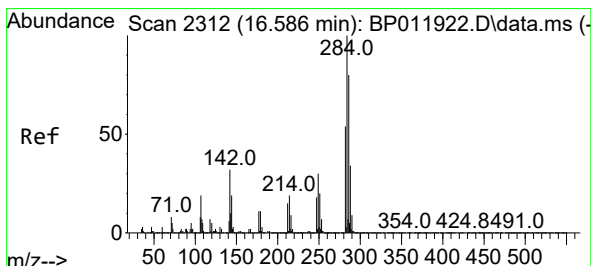
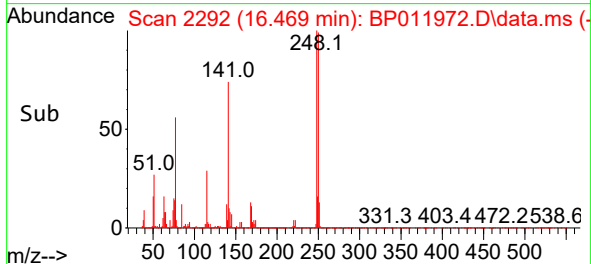
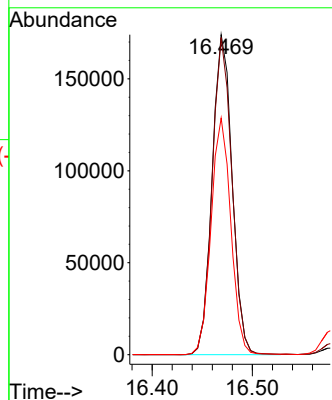
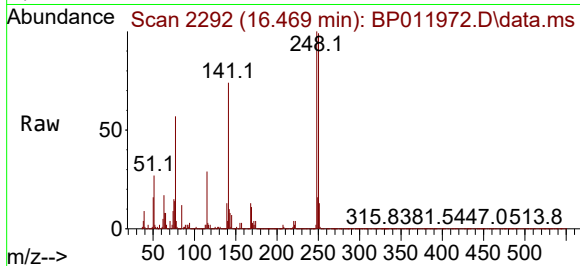




#68
4-Bromophenyl-phenylether
Concen: 20.506 ng/ul
RT: 16.469 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

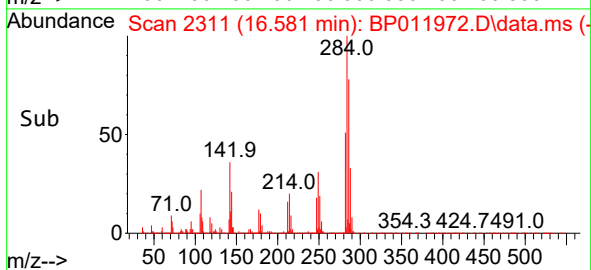
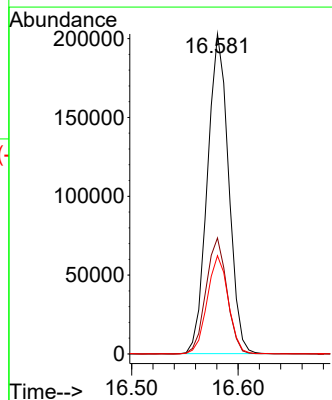
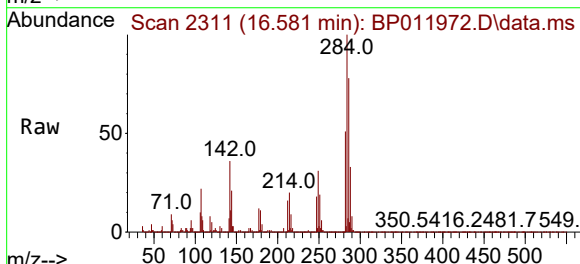
Instrument :
BNA_P
ClientSampleId :

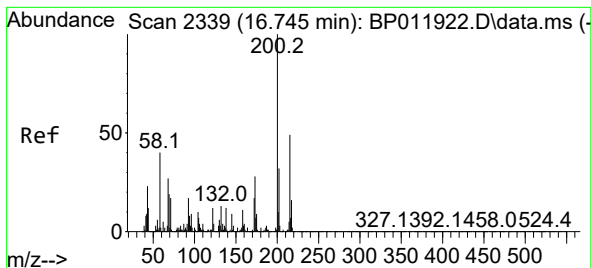
Tgt Ion:248 Resp: 240477
Ion Ratio Lower Upper
248 100
250 99.1 78.6 118.0
141 74.0 56.0 84.0



#69
Hexachlorobenzene
Concen: 21.013 ng/ul
RT: 16.581 min Scan# 2311
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:284 Resp: 280425
Ion Ratio Lower Upper
284 100
142 36.3 27.3 40.9
249 30.7 25.2 37.8





#70

Atrazine

Concen: 19.418 ng/ul

RT: 16.745 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

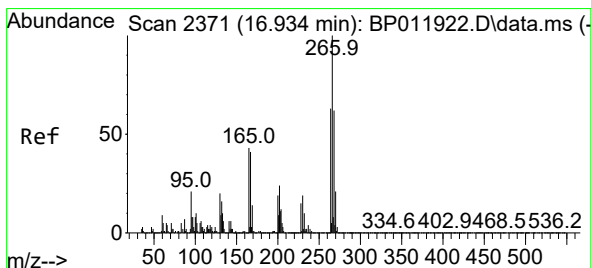
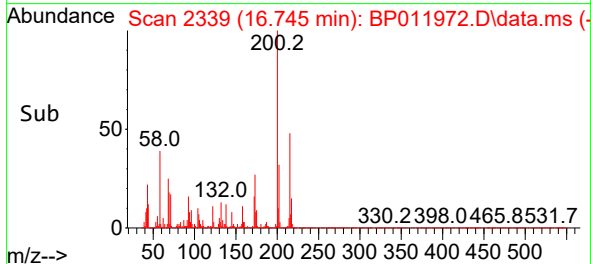
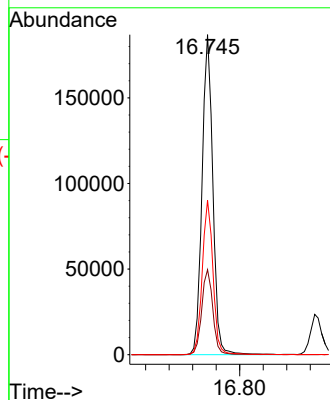
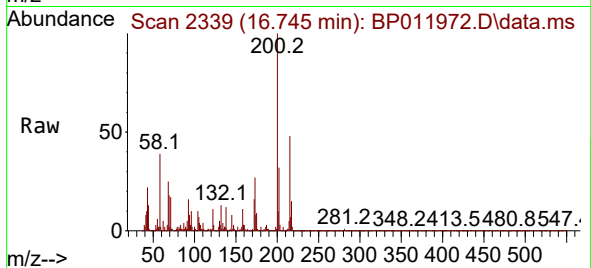
Tgt Ion:200 Resp: 238290

Ion Ratio Lower Upper

200 100

173 26.5 21.6 32.4

215 48.3 38.9 58.3



#71

Pentachlorophenol

Concen: 19.358 ng/ul

RT: 16.928 min Scan# 2370

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

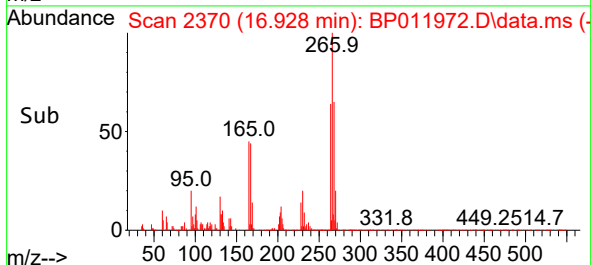
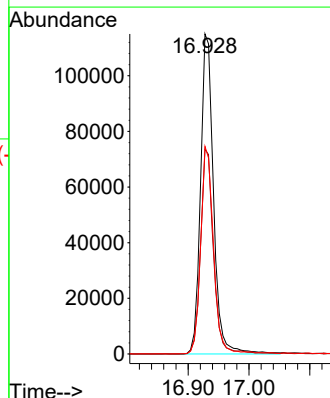
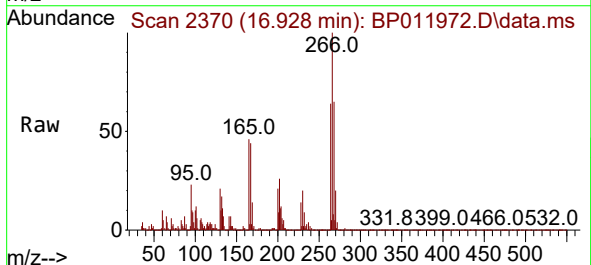
Tgt Ion:266 Resp: 169905

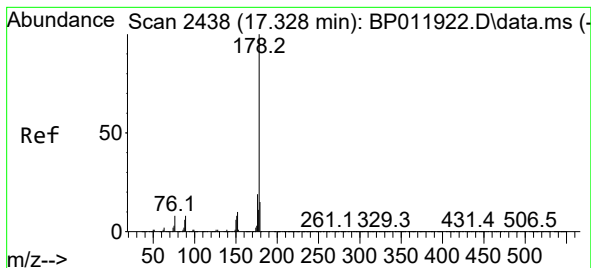
Ion Ratio Lower Upper

266 100

264 64.0 49.8 74.8

268 64.9 51.9 77.9





#72

Phenanthrene

Concen: 21.287 ng/ul

RT: 17.328 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

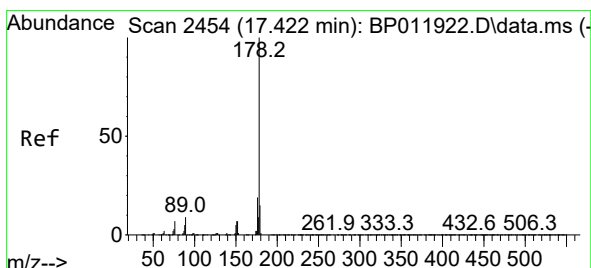
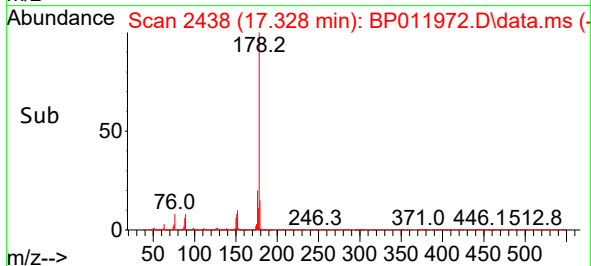
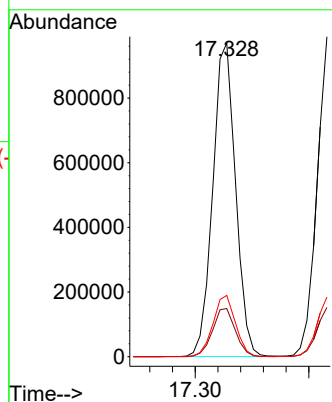
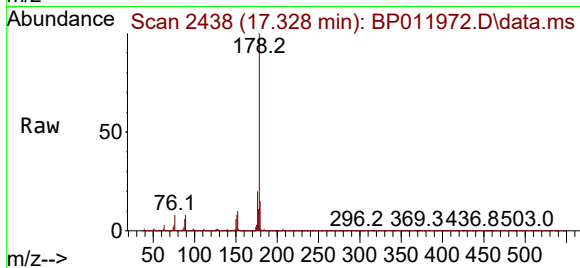
Tgt Ion:178 Resp: 1348731

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.5 15.4 23.2



#74

Anthracene

Concen: 21.459 ng/ul

RT: 17.416 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

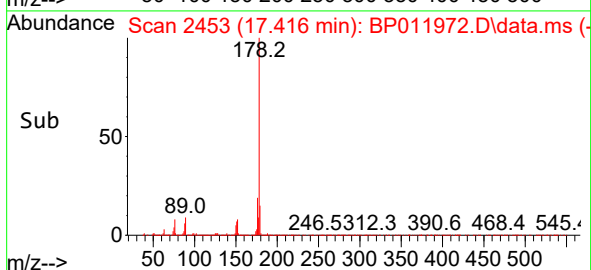
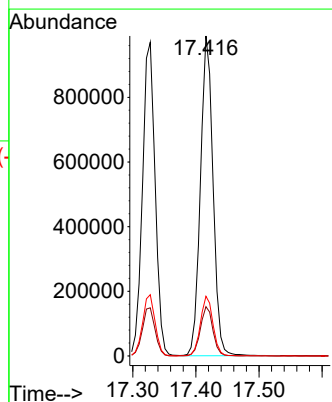
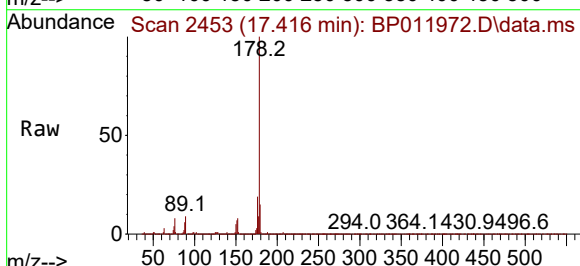
Tgt Ion:178 Resp: 1368004

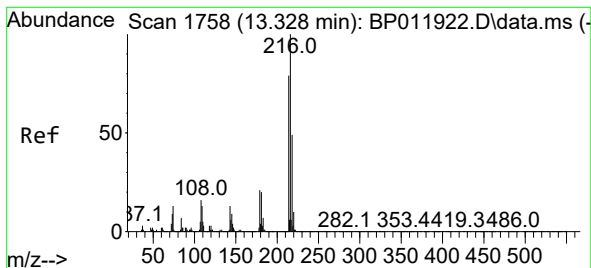
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.7 15.4 23.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 22.864 ng/uL

RT: 13.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

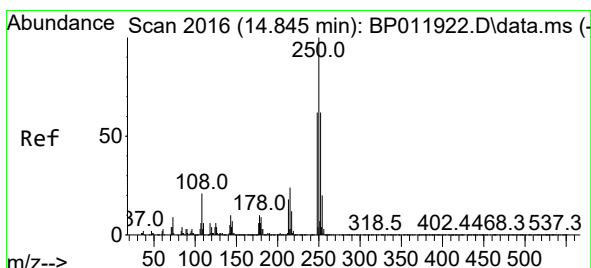
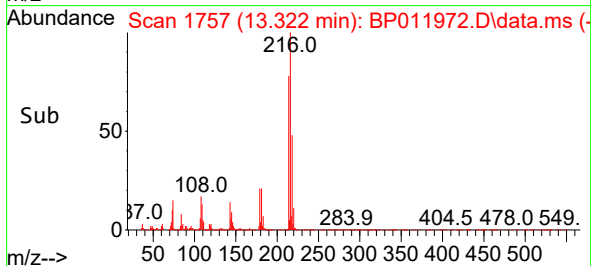
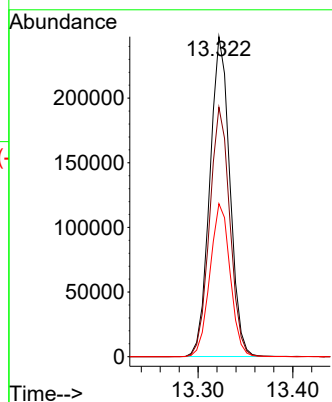
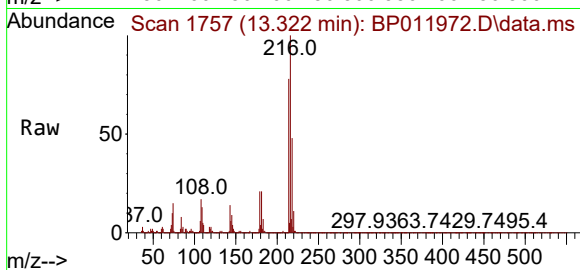
Tgt Ion:216 Resp: 363837

Ion Ratio Lower Upper

216 100

214 77.9 62.6 93.8

218 47.8 37.4 56.0



#76

Pentachlorobenzene

Concen: 21.746 ng/uL

RT: 14.845 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

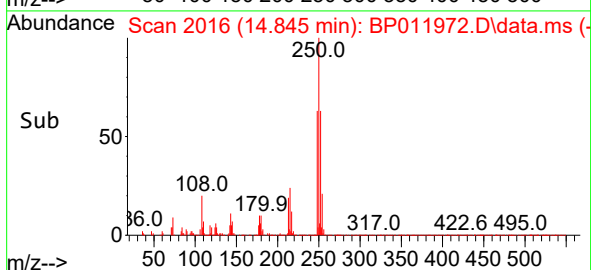
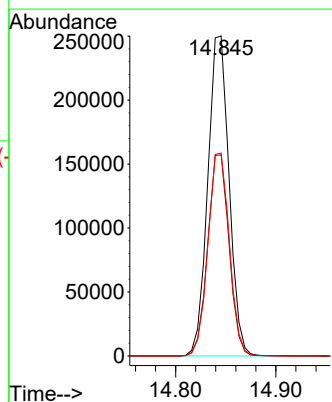
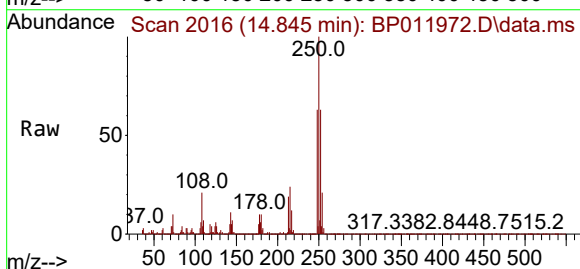
Tgt Ion:250 Resp: 369771

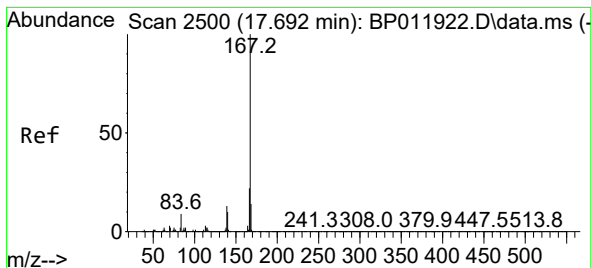
Ion Ratio Lower Upper

250 100

248 62.9 51.4 77.0

252 63.4 51.5 77.3





#77

Carbazole

Concen: 21.696 ng/ul

RT: 17.692 min Scan# 2500

Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

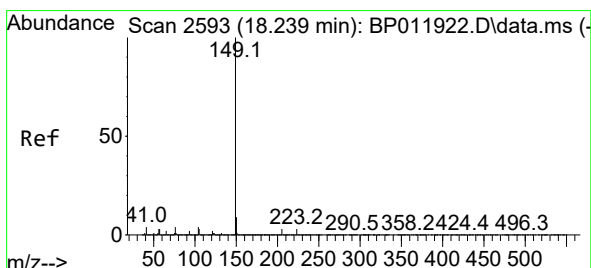
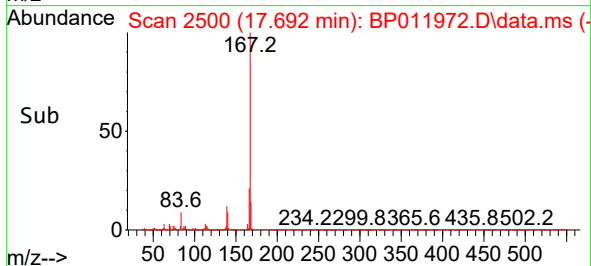
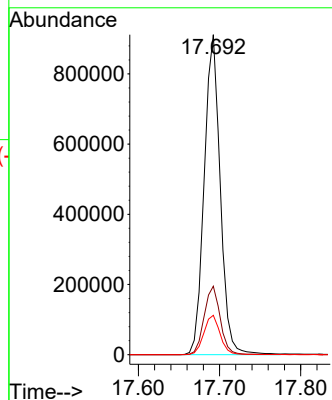
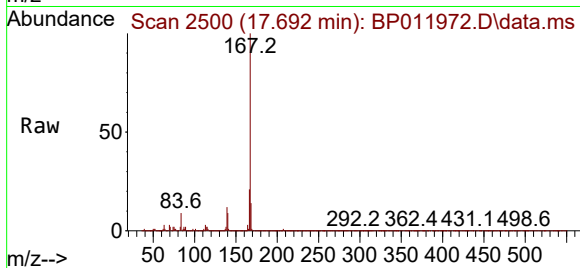
Tgt Ion:167 Resp: 1249692

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 12.3 10.1 15.1



#78

Di-n-butylphthalate

Concen: 19.506 ng/ul

RT: 18.239 min Scan# 2593

Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

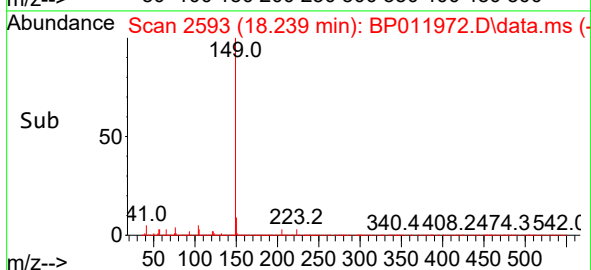
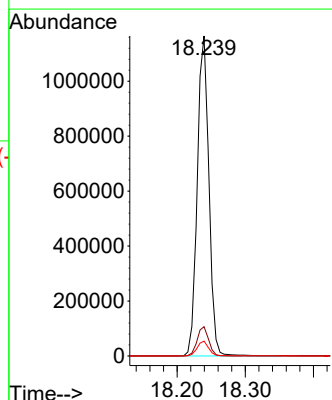
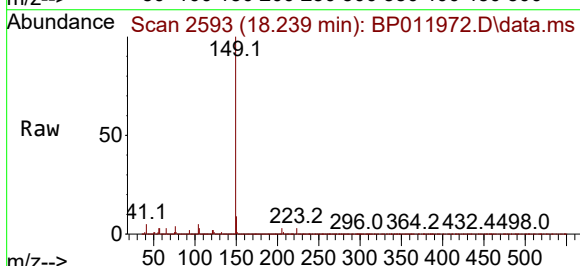
Tgt Ion:149 Resp: 1375860

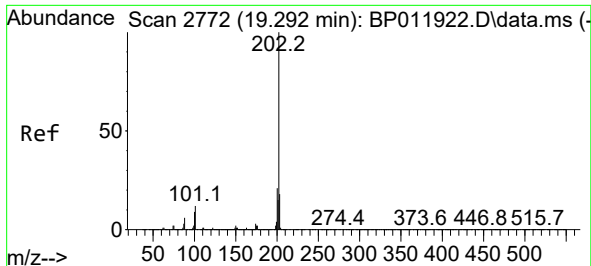
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.6 3.6 5.4

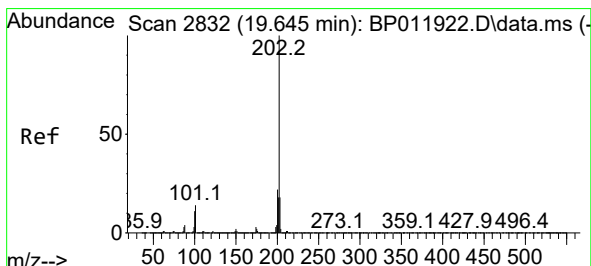
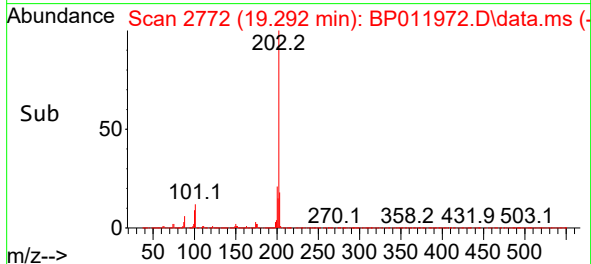
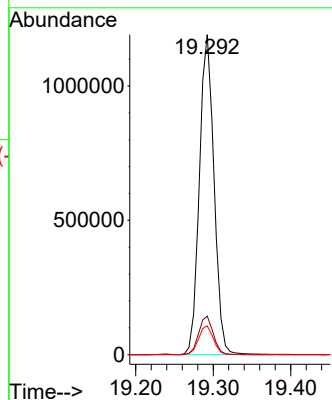
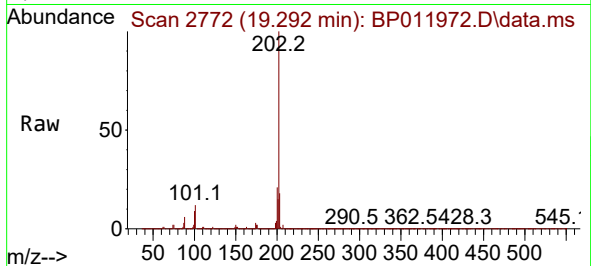




#80
Fluoranthene
Concen: 21.363 ng/ul
RT: 19.292 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

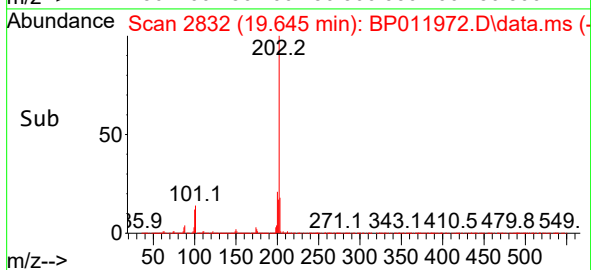
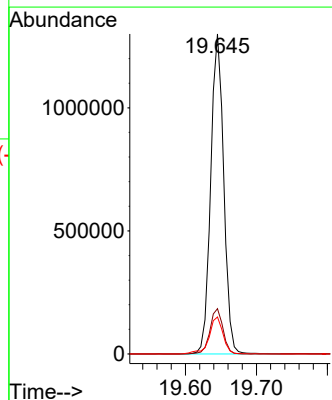
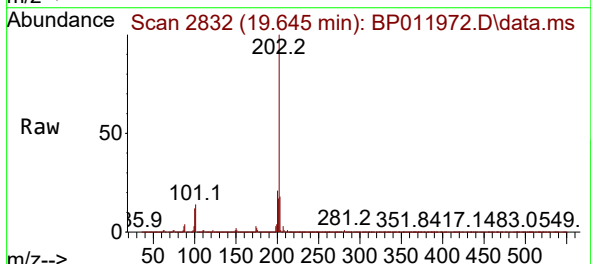
Instrument :
BNA_P
ClientSampleId :

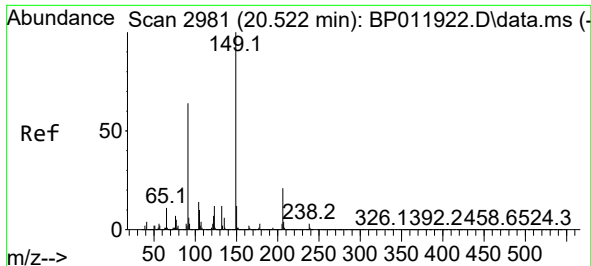
Tgt Ion:202 Resp: 1559423
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
100 9.0 7.4 11.0



#82
Pyrene
Concen: 21.766 ng/ul
RT: 19.645 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:202 Resp: 1654244
Ion Ratio Lower Upper
202 100
101 14.1 11.6 17.4
100 11.5 9.4 14.0

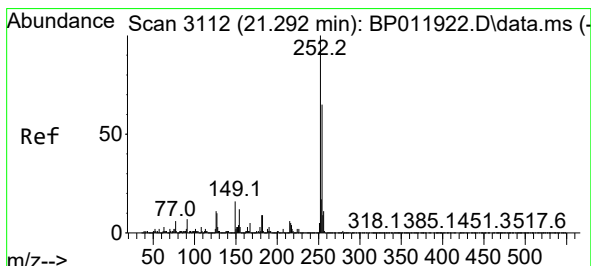
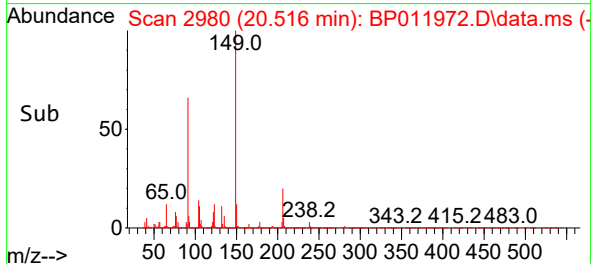
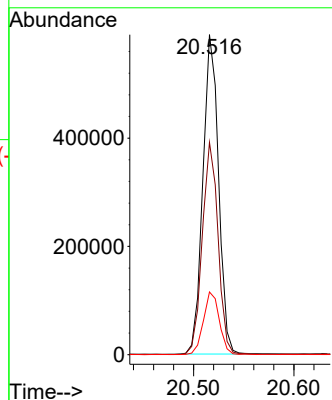
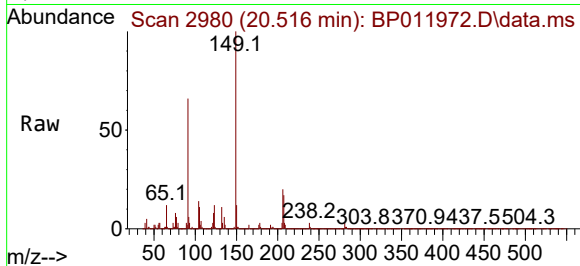




#83
Butylbenzylphthalate
Concen: 19.568 ng/ul
RT: 20.516 min Scan# 2981
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

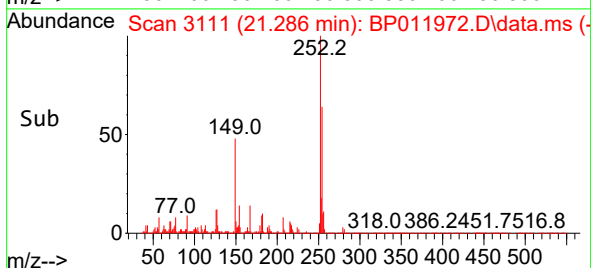
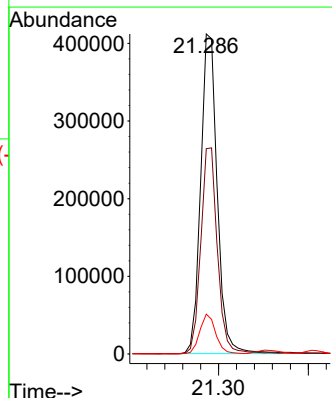
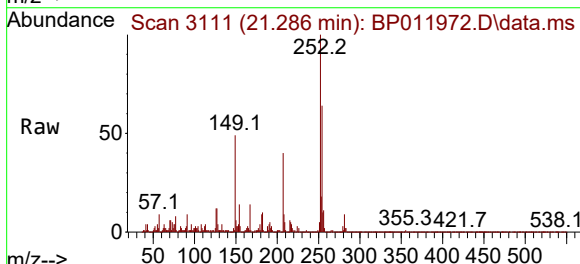
Instrument :
BNA_P
ClientSampleId :

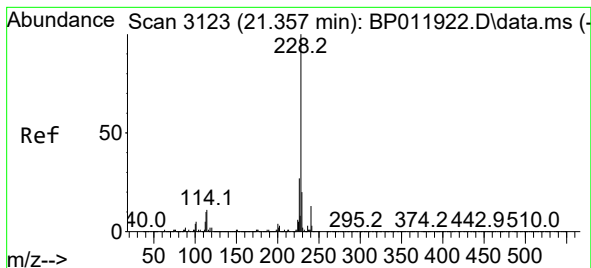
Tgt Ion:149 Resp: 642769
Ion Ratio Lower Upper
149 100
91 66.4 50.2 75.4
206 19.6 16.9 25.3



#84
3,3'-Dichlorobenzidine
Concen: 19.469 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:252 Resp: 527870
Ion Ratio Lower Upper
252 100
254 64.1 51.4 77.0
126 12.5 8.9 13.3





#85

Benzo(a)anthracene

Concen: 21.278 ng/ul

RT: 21.351 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

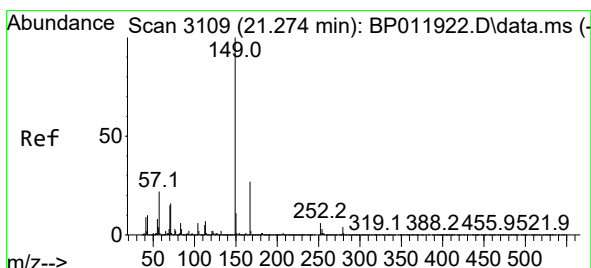
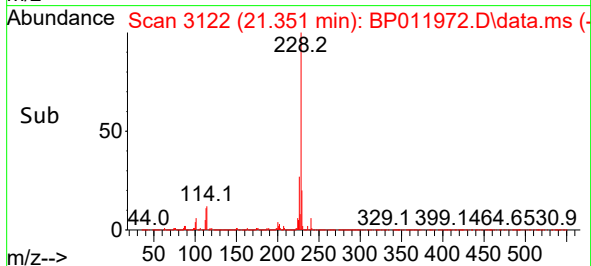
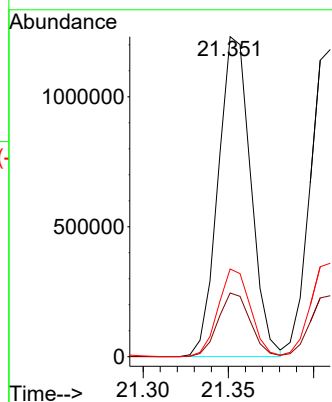
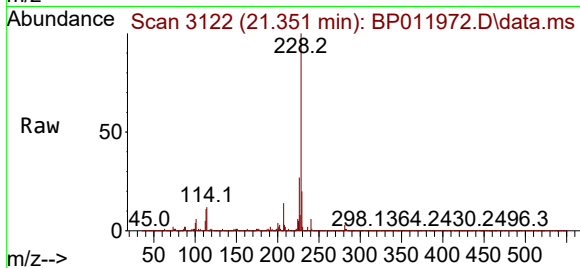
Tgt Ion:228 Resp: 1638866

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

226 27.4 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.599 ng/ul

RT: 21.275 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

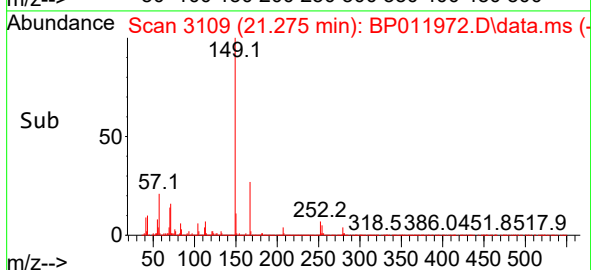
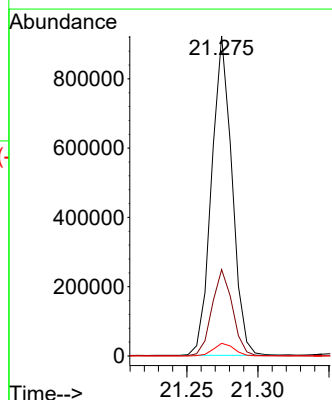
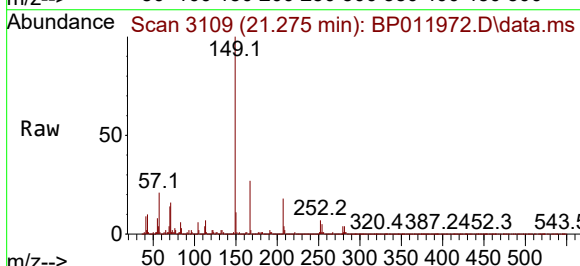
Tgt Ion:149 Resp: 920274

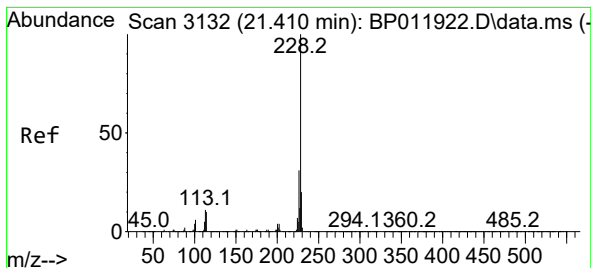
Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

279 3.9 2.9 4.3





#87

Chrysene

Concen: 21.298 ng/ul

RT: 21.410 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

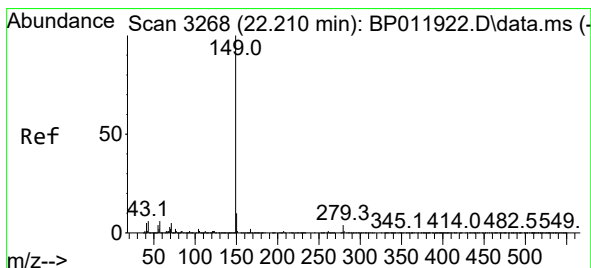
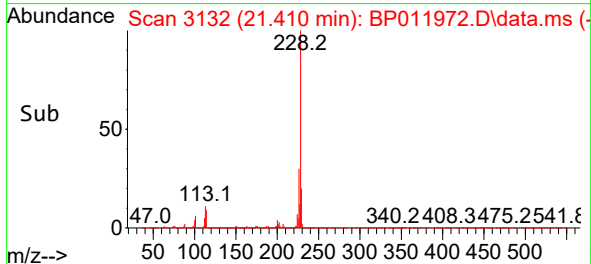
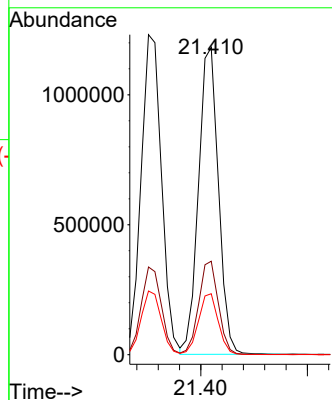
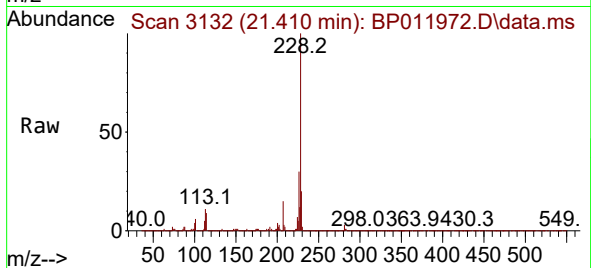
Tgt Ion:228 Resp: 1539410

Ion Ratio Lower Upper

228 100

226 30.4 25.3 37.9

229 19.8 16.2 24.2



#89

Di-n-octyl phthalate

Concen: 20.360 ng/ul

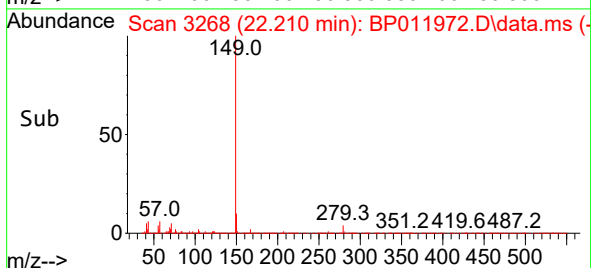
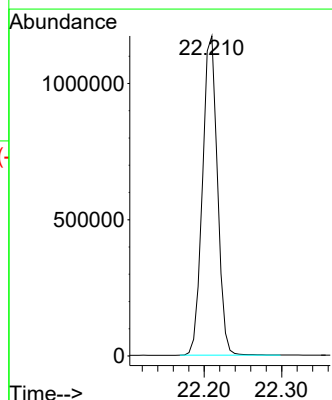
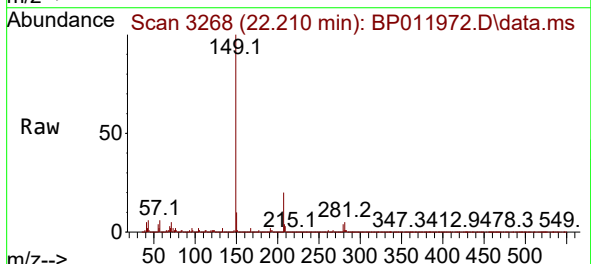
RT: 22.210 min Scan# 3268

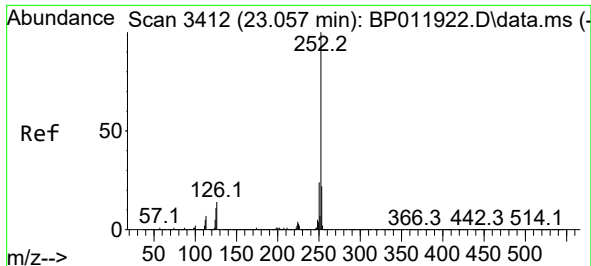
Delta R.T. 0.000 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Tgt Ion:149 Resp: 1568466

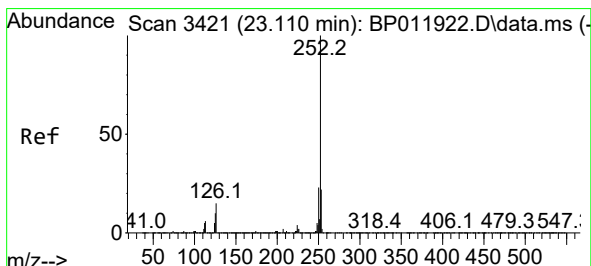
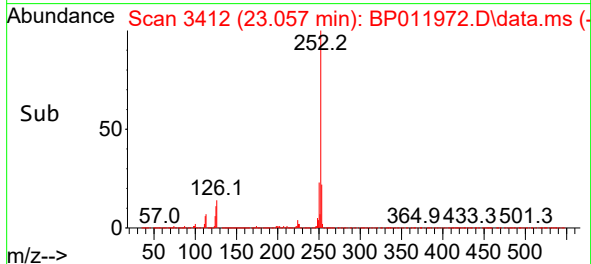
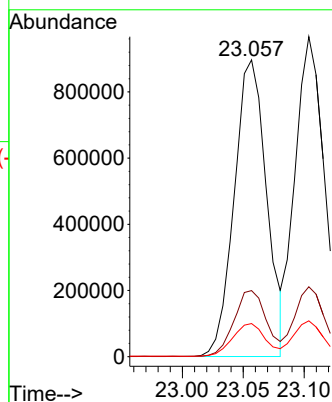
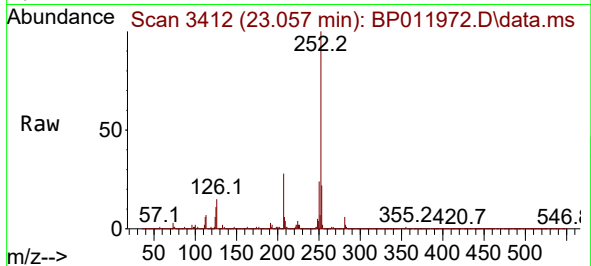




#90
Benzo(b)fluoranthene
Concen: 21.528 ng/ul
RT: 23.057 min Scan# 3412
Delta R.T. 0.000 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

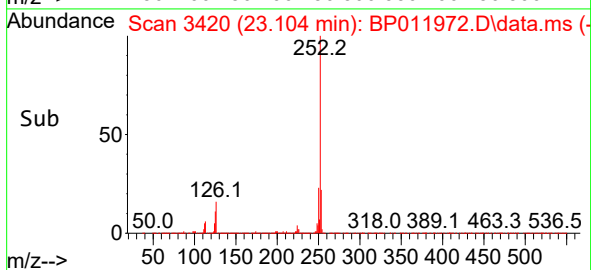
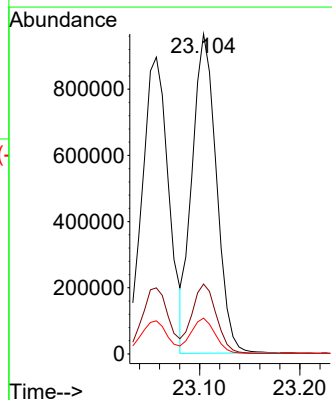
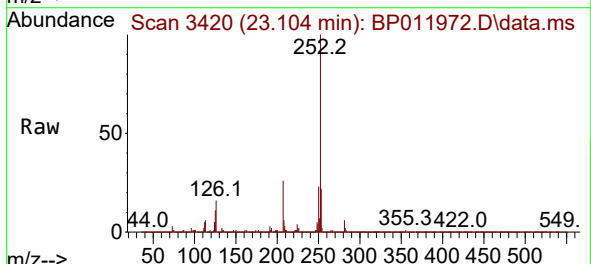
Instrument :
BNA_P
ClientSampleId :

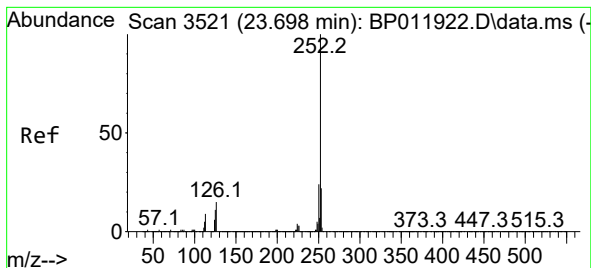
Tgt Ion:252 Resp: 1659109
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.2 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 21.849 ng/ul
RT: 23.104 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BP011972.D
Acq: 06 Oct 2022 16:15

Tgt Ion:252 Resp: 1621531
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 11.2 9.2 13.8





#93

Benzo(a)pyrene

Concen: 21.508 ng/ul

RT: 23.692 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

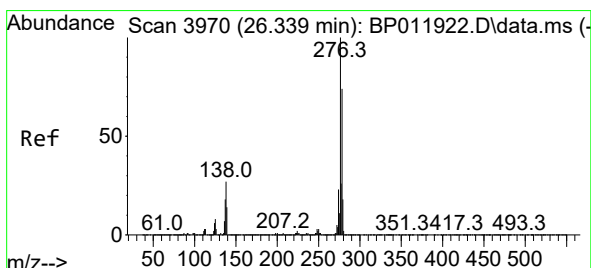
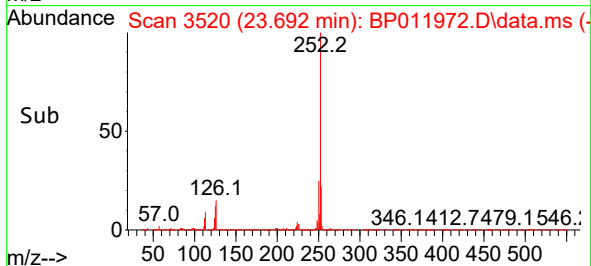
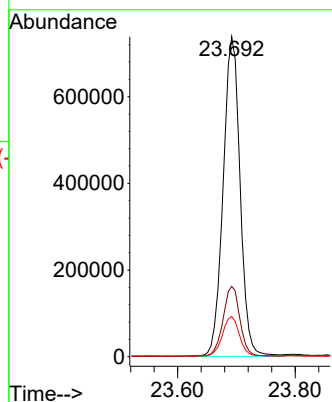
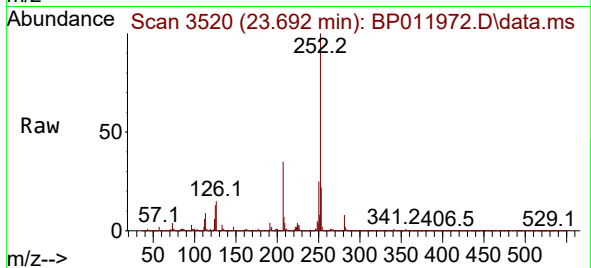
Tgt Ion:252 Resp: 1479220

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 12.6 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.523 ng/ul

RT: 26.327 min Scan# 3968

Delta R.T. -0.012 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

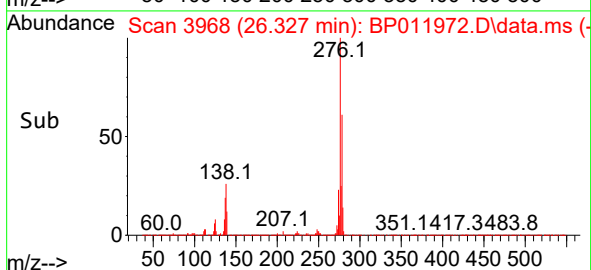
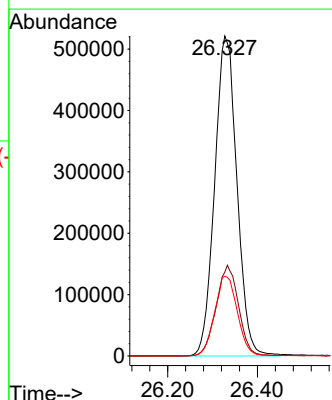
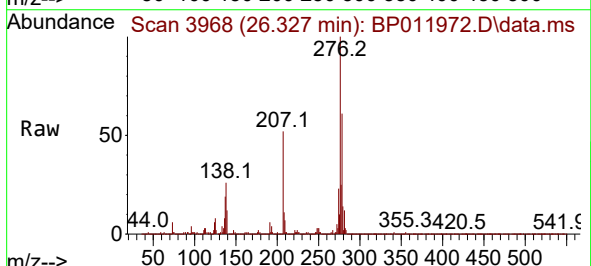
Tgt Ion:276 Resp: 1796623

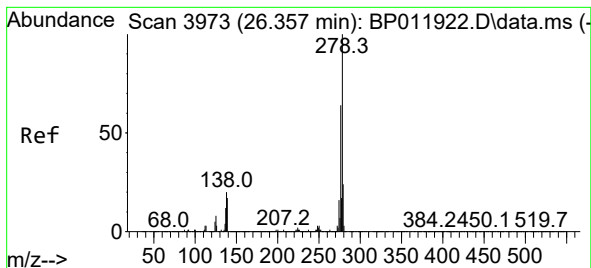
Ion Ratio Lower Upper

276 100

138 26.2 21.4 32.0

277 24.9 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 20.880 ng/ul

RT: 26.351 min Scan# 3973

Delta R.T. -0.006 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Instrument :

BNA_P

ClientSampleId :

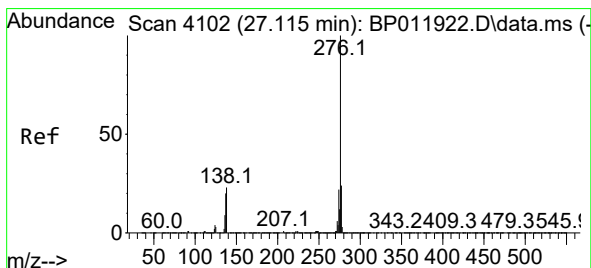
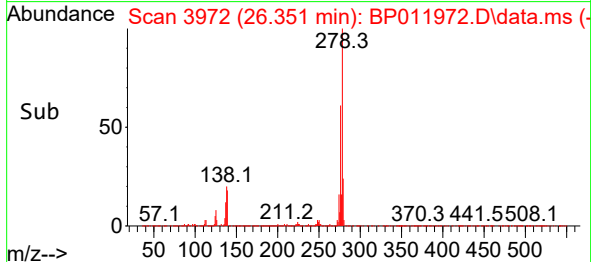
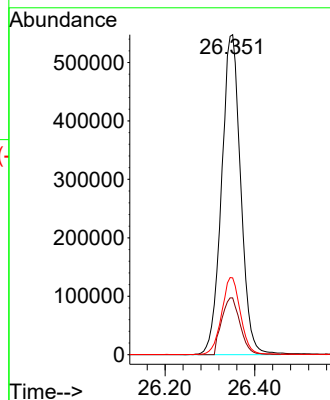
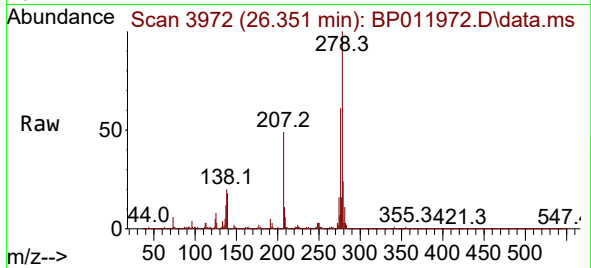
Tgt Ion:278 Resp: 1623751

Ion Ratio Lower Upper

278 100

139 17.8 15.0 22.6

279 24.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 20.539 ng/ul

RT: 27.104 min Scan# 4100

Delta R.T. -0.012 min

Lab File: BP011972.D

Acq: 06 Oct 2022 16:15

Tgt Ion:276 Resp: 1594046

Ion Ratio Lower Upper

276 100

138 24.2 19.8 29.6

277 23.7 18.6 27.8

