

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP011981.D
 Acq On : 06 Oct 2022 21:28
 Operator : CG/JU
 Sample : PB148077BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 06 23:08:59 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	7.875	152	262766	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	1081533	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	643375	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1321695	20.000	ng/u1	0.00
79) Chrysene-d12	21.369	240	1324539	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	1357393	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	29673	4.980	ng/uL	0.00
4) Pyridine-d5	3.717	84	382887	21.940	ng/u1	0.00
7) Phenol-d5	7.040	99	516053	22.749	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	295154	23.473	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.405	132	425221	23.746	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	397617	21.204	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	198698	24.120	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	207603	23.555	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	394811	24.218	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	533777	21.477	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	1077674	23.424	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1284373	24.488	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	223991	23.510	ng/u1	0.00
60) Fluorene-d10	15.516	176	964938	24.150	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	175651	21.957	ng/u1	0.00
73) Anthracene-d10	17.381	188	1494997	24.831	ng/u1	0.00
81) Pyrene-d10	19.616	212	1719077	25.627	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	1735232	25.537	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	65668	10.205	ng/uL	93
5) Pyridine	3.740	79	400906	23.669	ng/u1	98
6) Benzaldehyde	7.016	77	308979	31.094	ng/u1	97
8) Phenol	7.069	94	550452	23.395	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.299	93	432791	23.117	ng/u1	99
12) 2-Chlorophenol	7.440	128	459292	23.991	ng/u1	98
13) 2-Methylphenol	8.322	108	408044	22.012	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.411	45	439676	23.822	ng/u1	98
16) Acetophenone	8.705	105	624890	21.857	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.693	70	285134	21.189	ng/u1	98
18) 4-Methylphenol	8.652	108	437532	21.422	ng/u1	96
19) Hexachloroethane	8.958	117	179908	25.196	ng/u1	98
22) Nitrobenzene	9.087	77	453535	25.599	ng/u1	99
23) Isophorone	9.616	82	813007	22.621	ng/u1	100
25) 2-Nitrophenol	9.799	139	244705	24.309	ng/u1	98
26) 2,4-Dimethylphenol	9.857	107	436866	23.102	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.099	93	547707	23.620	ng/u1	100
29) 2,4-Dichlorophenol	10.334	162	416876	24.679	ng/u1	99
30) Naphthalene	10.734	128	1428820	24.597	ng/u1	99
32) 4-Chloroaniline	10.852	127	537591	21.143	ng/u1	98
33) Hexachlorobutadiene	11.016	225	248119	24.816	ng/u1	97
34) Caprolactam	11.646	113	117128	19.592	ng/u1	91
35) 4-Chloro-3-methylphenol	11.975	107	409972	22.890	ng/u1	100
36) 2-Methylnaphthalene	12.346	142	942002	23.220	ng/u1	98

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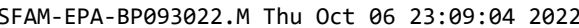
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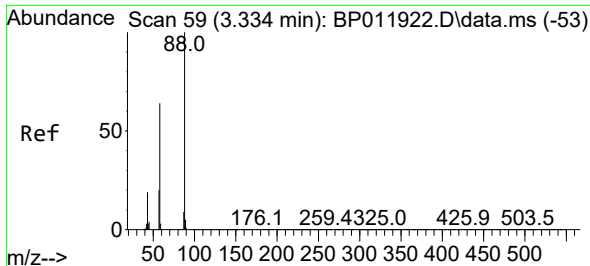
Quant Time: Oct 06 23:08:59 2022
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 QLast Update : Wed Oct 05 23:18:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	957688	23.527	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	478289	25.634	ng/ul	99
40) Hexachlorocyclopentadiene	12.693	237	237008	22.236	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	308782	24.723	ng/ul	97
42) 2,4,5-Trichlorophenol	13.028	196	342487	25.174	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1194347	25.098	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	961036	25.544	ng/ul	100
45) 2-Nitroaniline	13.610	65	233598	25.435	ng/ul	99
47) Dimethylphthalate	13.981	163	1149365	23.838	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	223810	23.818	ng/ul	96
50) Acenaphthylene	14.246	152	1459845	25.061	ng/ul	99
51) 3-Nitroaniline	14.434	138	256096	23.513	ng/ul	99
52) Acenaphthene	14.587	153	1022732	24.885	ng/ul	100
53) 2,4-Dinitrophenol	14.640	184	124419	19.529	ng/ul	98
55) 4-Nitrophenol	14.740	109	156945	24.403	ng/ul	95
56) Dibenzofuran	14.922	168	1404454	24.950	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	334534	24.356	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.151	232	285297	24.139	ng/ul	99
59) Diethylphthalate	15.345	149	1142358	23.649	ng/ul	99
61) Fluorene	15.575	166	1158648	25.131	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.569	204	554607	24.299	ng/ul	99
63) 4-Nitroaniline	15.598	138	265759	25.570	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.651	198	193973	22.888	ng/ul	95
67) N-Nitrosodiphenylamine	15.787	169	983884	25.235	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	324419	24.131	ng/ul	99
69) Hexachlorobenzene	16.581	284	369880	24.177	ng/ul	97
70) Atrazine	16.745	200	314472	22.354	ng/ul	99
71) Pentachlorophenol	16.928	266	229740	22.832	ng/ul	99
72) Phenanthrene	17.322	178	1863844	25.660	ng/ul	100
74) Anthracene	17.416	178	1875146	25.658	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	501518	27.491	ng/ul	99
76) Pentachlorobenzene	14.840	250	441479	22.647	ng/ul	99
77) Carbazole	17.686	167	1742673	26.392	ng/ul	99
78) Di-n-butylphthalate	18.239	149	1899935	23.496	ng/ul	99
80) Fluoranthene	19.292	202	2158137	26.289	ng/ul	99
82) Pyrene	19.645	202	2281567	26.693	ng/ul	98
83) Butylbenzylphthalate	20.516	149	875764	23.707	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.286	252	744805	24.426	ng/ul	99
85) Benzo(a)anthracene	21.351	228	2264837	26.148	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.275	149	1261616	22.673	ng/ul	98
87) Chrysene	21.404	228	2128499	26.185	ng/ul	98
89) Di-n-octyl phthalate	22.204	149	2136863	24.674	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	2338112	26.987	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	2214513	26.543	ng/ul	99
93) Benzo(a)pyrene	23.686	252	2021263	26.142	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.321	276	2461500	25.012	ng/ul	98
95) Dibenzo(a,h)anthracene	26.345	278	2226958	25.473	ng/ul	99
96) Benzo(g,h,i)perylene	27.104	276	2183443	25.026	ng/ul	98

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

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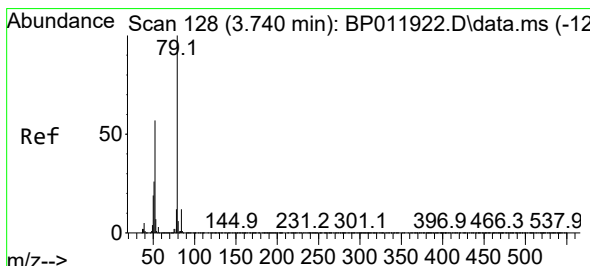
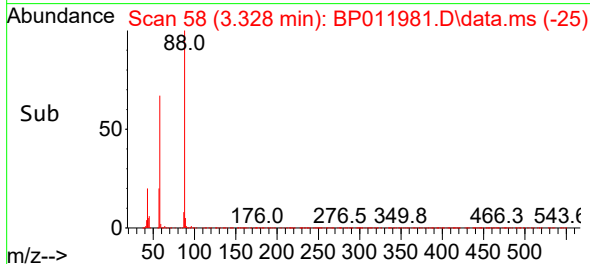
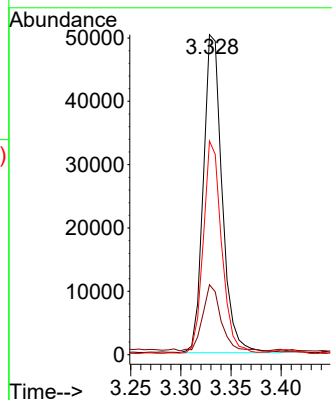
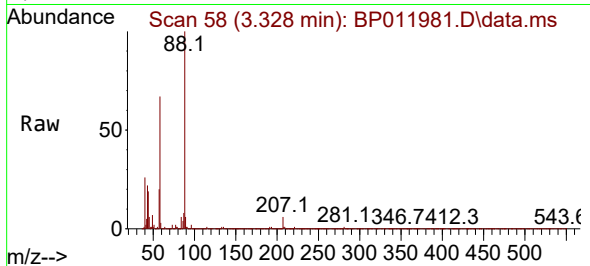




#2
 1,4-Dioxane
 Concen: 10.205 ng/uL
 RT: 3.328 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: BP011981.D
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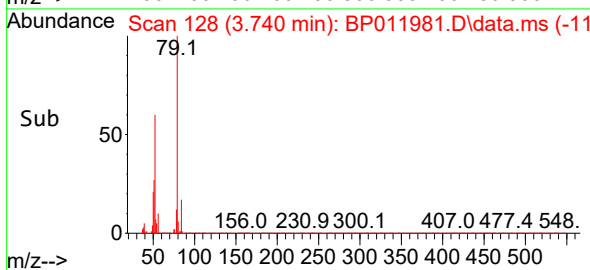
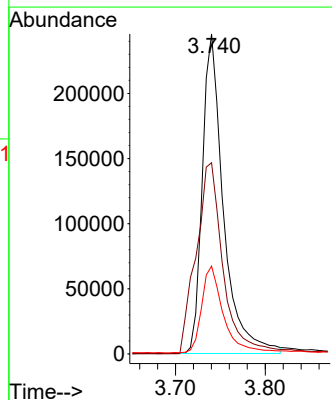
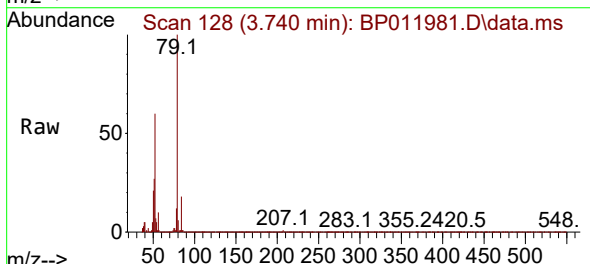
Instrument :
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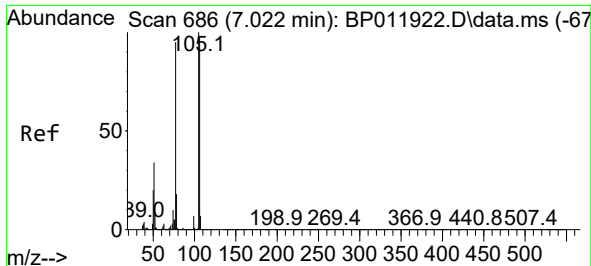
Tgt Ion: 88 Resp: 65668
 Ion Ratio Lower Upper
 88 100
 43 21.8 15.6 23.4
 58 66.7 48.6 72.8



#5
 Pyridine
 Concen: 23.669 ng/uL
 RT: 3.740 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: BP011981.D
 Acq: 06 Oct 2022 21:28

Tgt Ion: 79 Resp: 400906
 Ion Ratio Lower Upper
 79 100
 52 59.8 49.7 74.5
 51 27.4 21.6 32.4

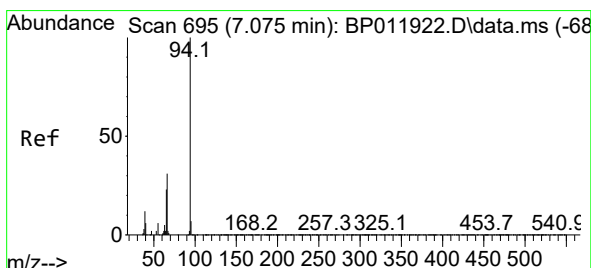
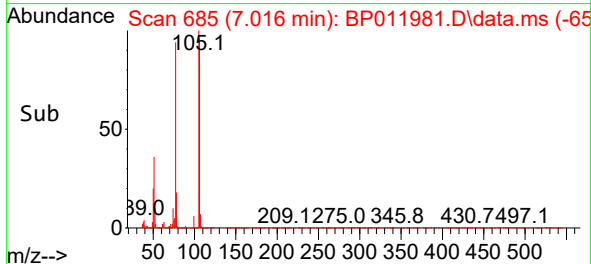
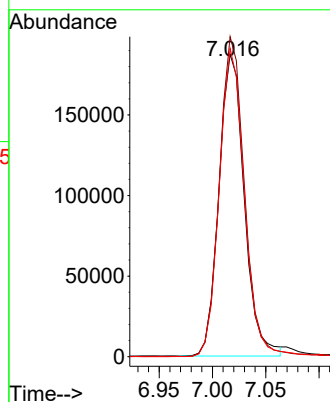
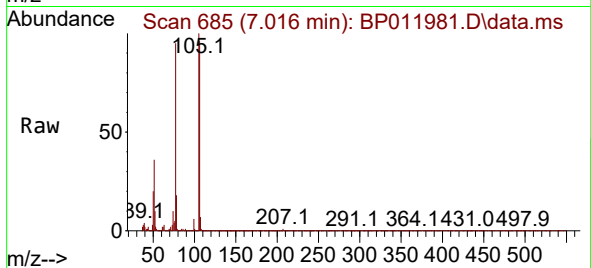




#6
Benzaldehyde
Concen: 31.094 ng/ul
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

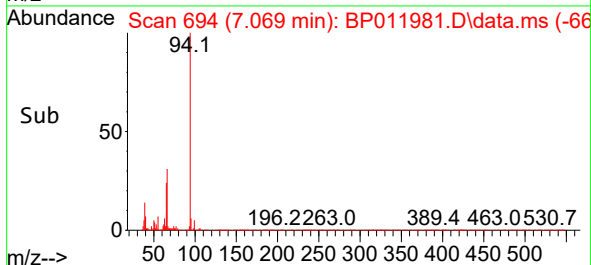
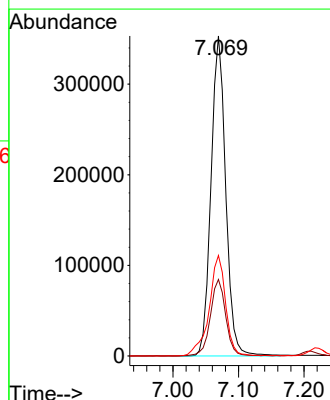
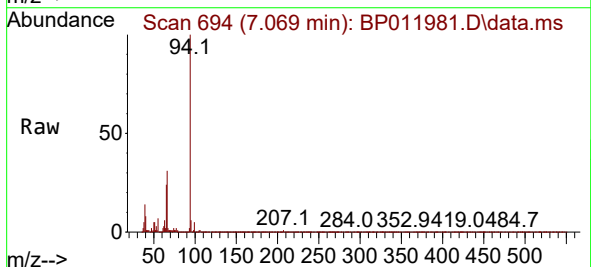
Instrument :
BNA_P
ClientSampleId :

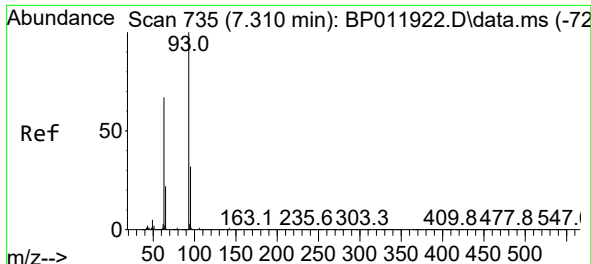
Tgt Ion: 77 Resp: 308979
Ion Ratio Lower Upper
77 100
105 105.8 87.0 130.6
106 101.9 83.8 125.6



#8
Phenol
Concen: 23.395 ng/ul
RT: 7.069 min Scan# 694
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

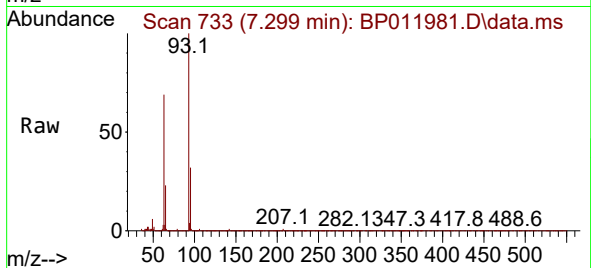
Tgt Ion: 94 Resp: 550452
Ion Ratio Lower Upper
94 100
65 23.9 19.5 29.3
66 31.4 25.0 37.4



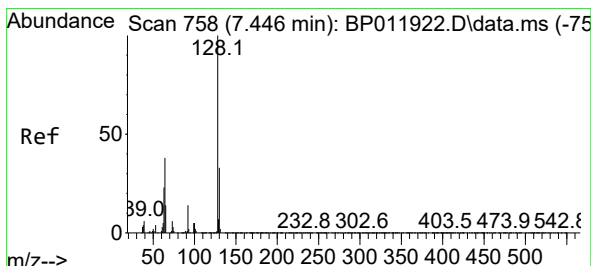
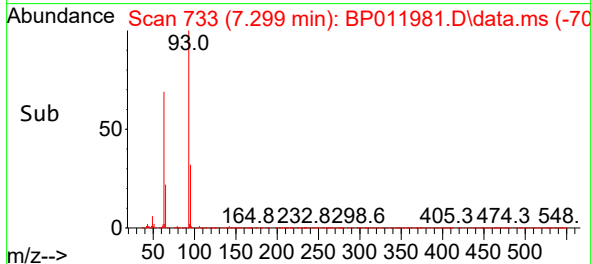
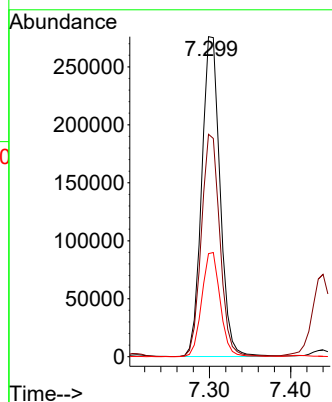


#10
Bis(2-Chloroethyl)ether
Concen: 23.117 ng/ul
RT: 7.299 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Instrument :
BNA_P
ClientSampleId :

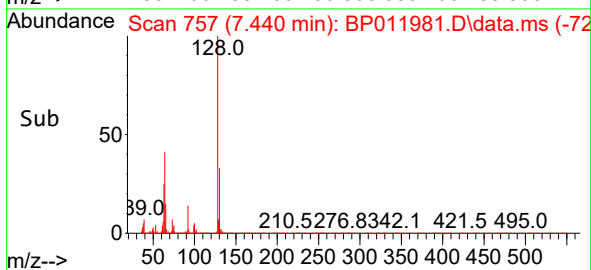
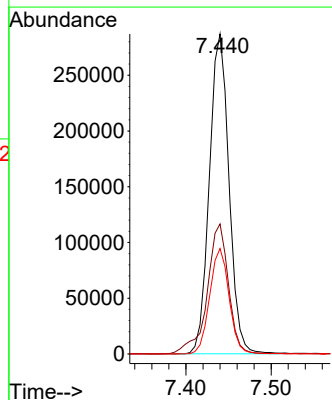
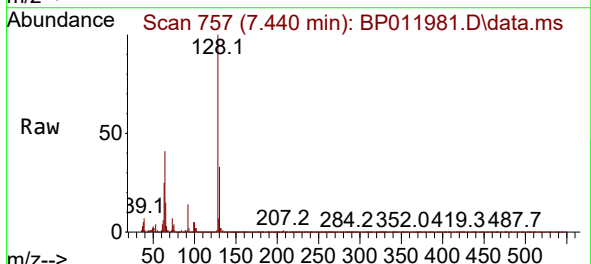


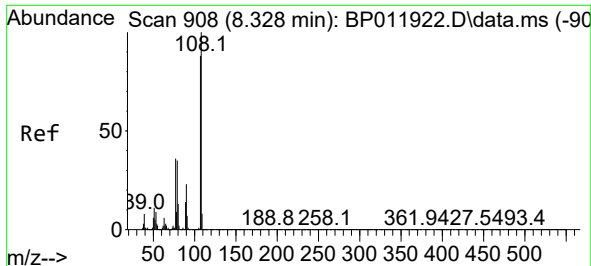
Tgt Ion: 93 Resp: 432791
Ion Ratio Lower Upper
93 100
63 69.5 56.2 84.4
95 32.2 25.9 38.9



#12
2-Chlorophenol
Concen: 23.991 ng/ul
RT: 7.440 min Scan# 757
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:128 Resp: 459292
Ion Ratio Lower Upper
128 100
64 40.6 31.1 46.7
130 33.0 25.5 38.3

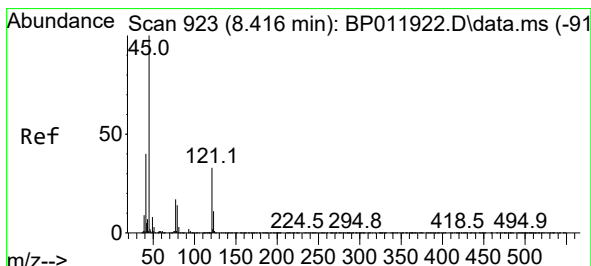
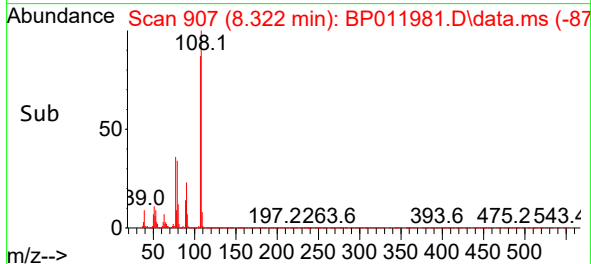
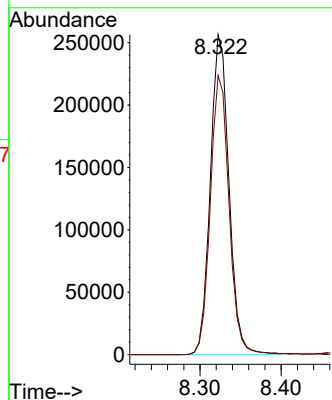
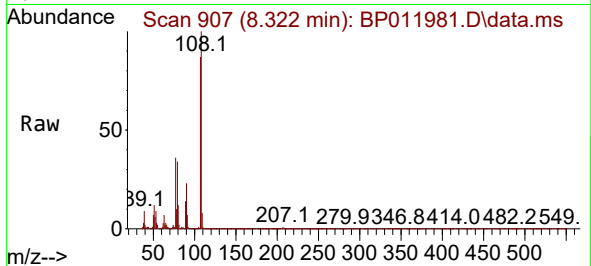




#13
2-Methylphenol
Concen: 22.012 ng/ul
RT: 8.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

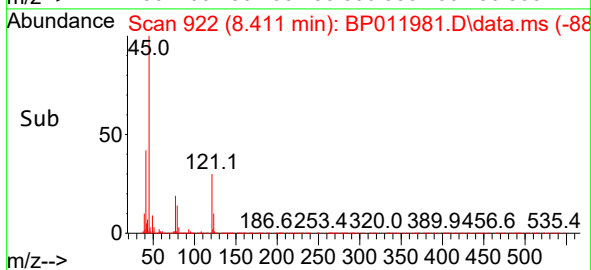
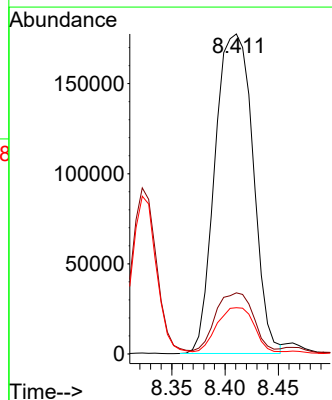
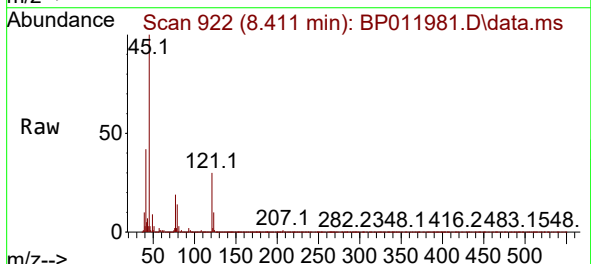
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ClientSampleId :

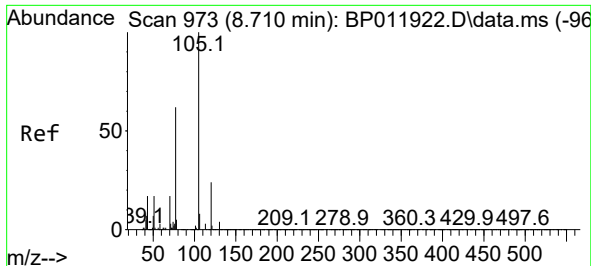
Tgt Ion:108 Resp: 408044
Ion Ratio Lower Upper
108 100
107 87.2 70.2 105.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.822 ng/ul
RT: 8.411 min Scan# 922
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion: 45 Resp: 439676
Ion Ratio Lower Upper
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77 19.1 16.0 24.0
79 14.5 12.5 18.7

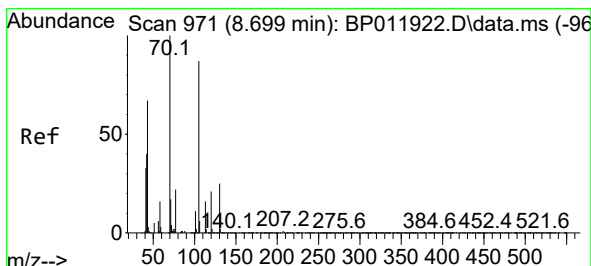
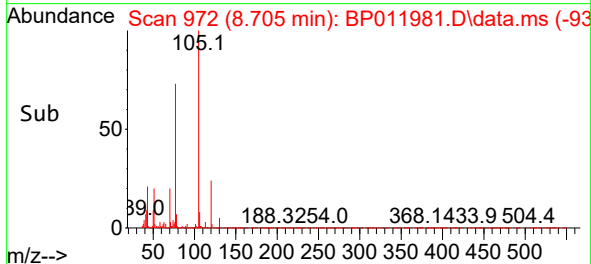
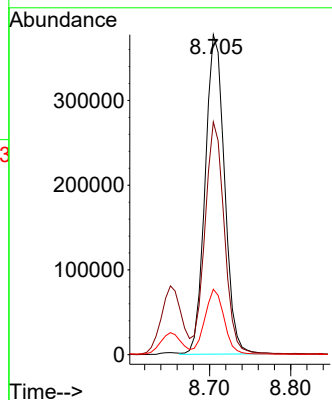
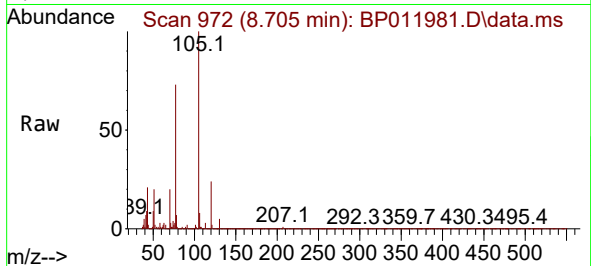




#16
Acetophenone
Concen: 21.857 ng/ul
RT: 8.705 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011981.D
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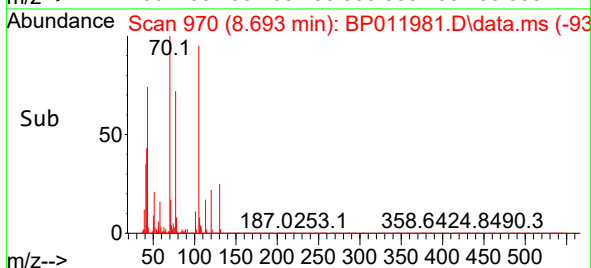
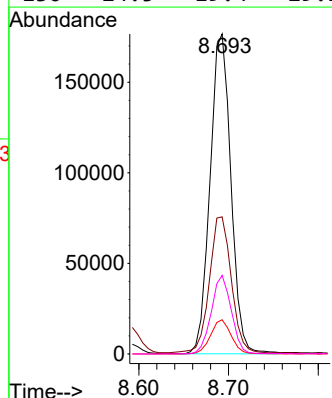
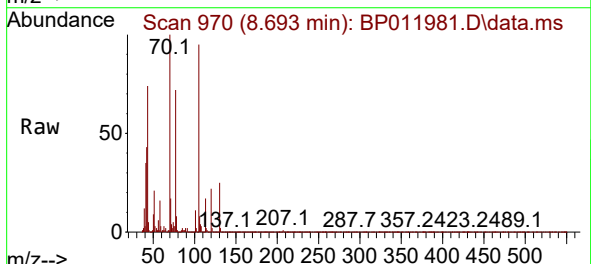
Instrument :
BNA_P
ClientSampleId :

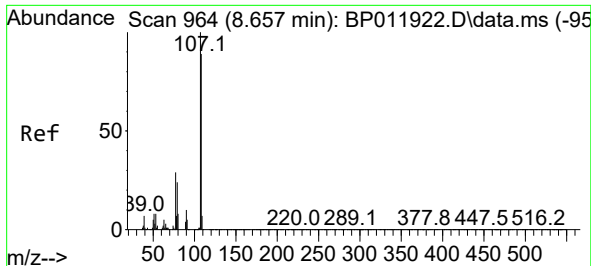
Tgt Ion:105 Resp: 624890
Ion Ratio Lower Upper
105 100
77 72.8 55.4 83.0
51 20.5 15.2 22.8



#17
N-Nitroso-di-n-propylamine
Concen: 21.189 ng/ul
RT: 8.693 min Scan# 970
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion: 70 Resp: 285134
Ion Ratio Lower Upper
70 100
42 42.8 32.7 49.1
101 10.7 8.4 12.6
130 24.5 19.4 29.2

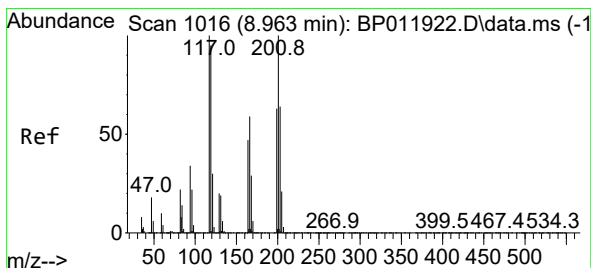
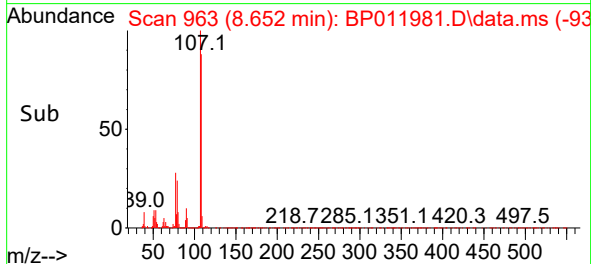
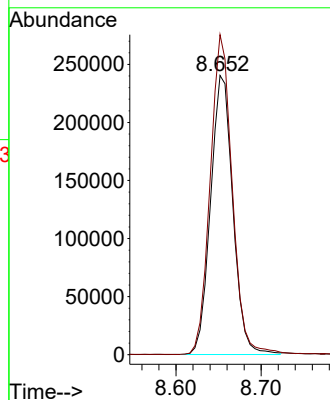
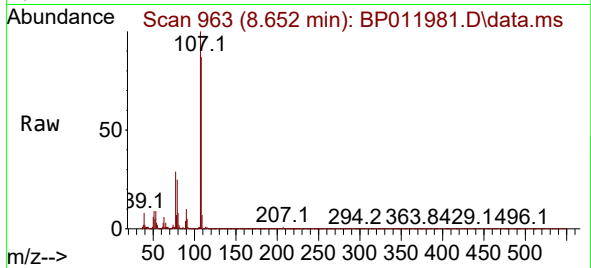




#18
4-Methylphenol
Concen: 21.422 ng/ul
RT: 8.652 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

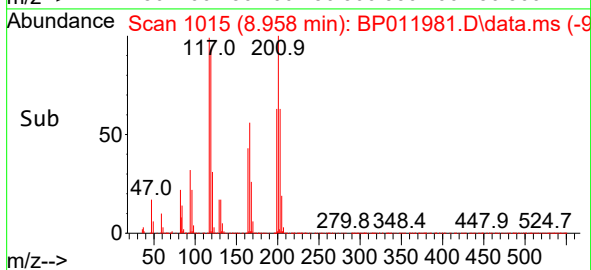
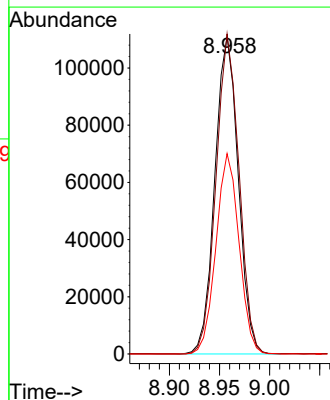
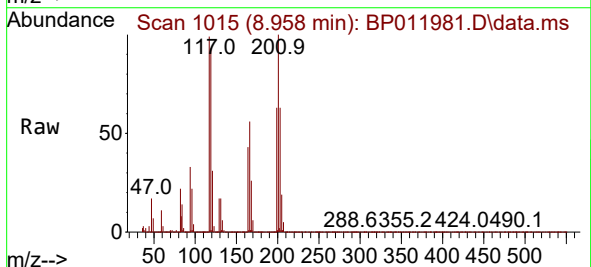
Instrument :
BNA_P
ClientSampleId :

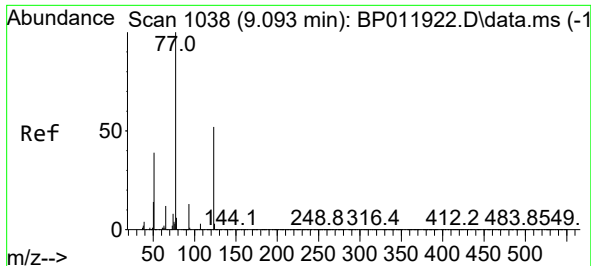
Tgt Ion:108 Resp: 437532
Ion Ratio Lower Upper
108 100
107 114.6 88.0 132.0



#19
Hexachloroethane
Concen: 25.196 ng/ul
RT: 8.958 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:117 Resp: 179908
Ion Ratio Lower Upper
117 100
201 100.9 82.4 123.6
199 63.1 51.6 77.4





#22

Nitrobenzene

Concen: 25.599 ng/ul

RT: 9.087 min Scan# 1038

Delta R.T. -0.006 min

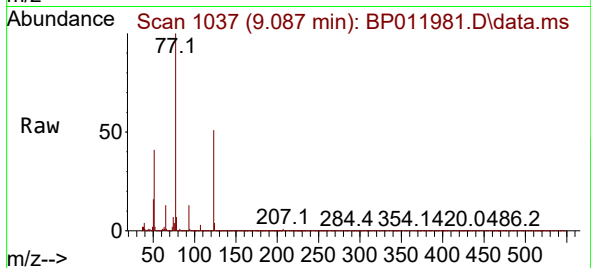
Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Instrument :

BNA_P

ClientSampleId :



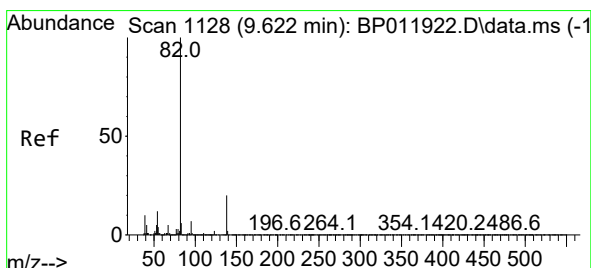
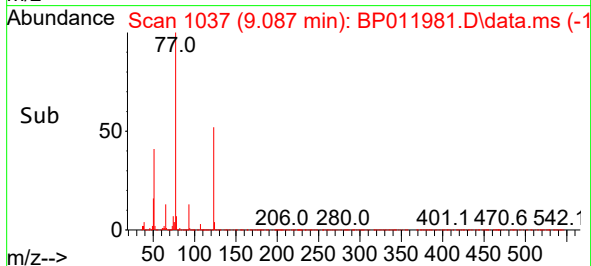
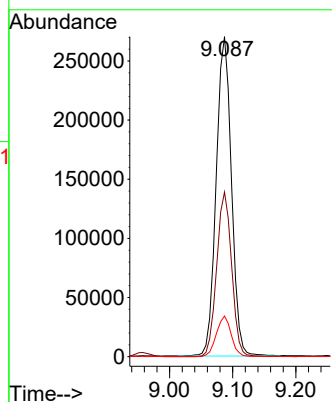
Tgt Ion: 77 Resp: 453535

Ion Ratio Lower Upper

77 100

123 51.5 41.6 62.4

65 12.7 9.7 14.5



#23

Isophorone

Concen: 22.621 ng/ul

RT: 9.616 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

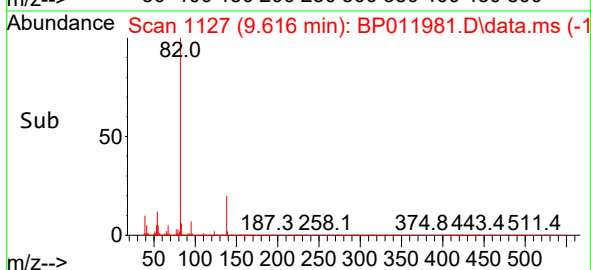
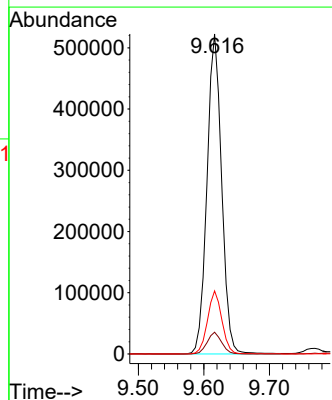
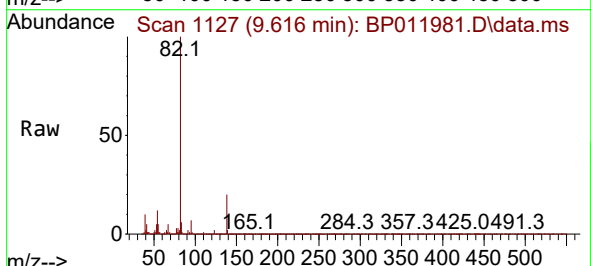
Tgt Ion: 82 Resp: 813007

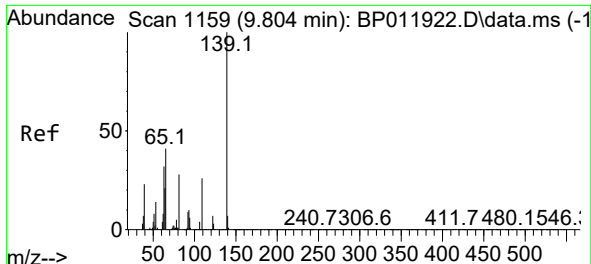
Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 19.7 15.8 23.8

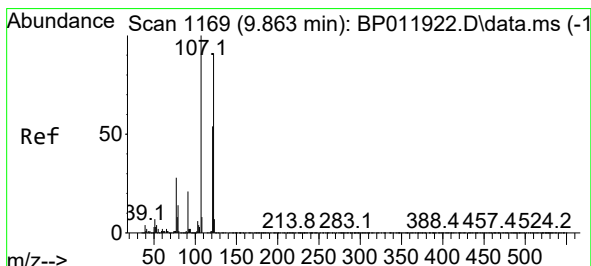
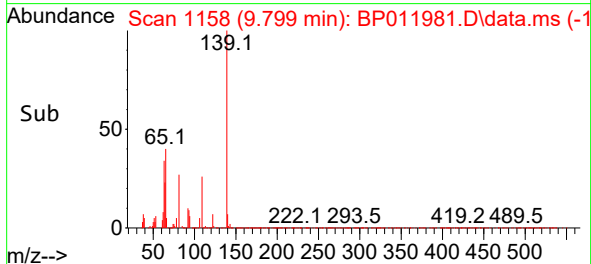
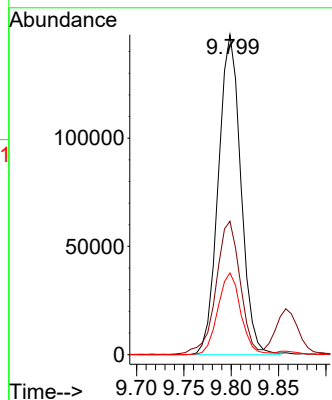
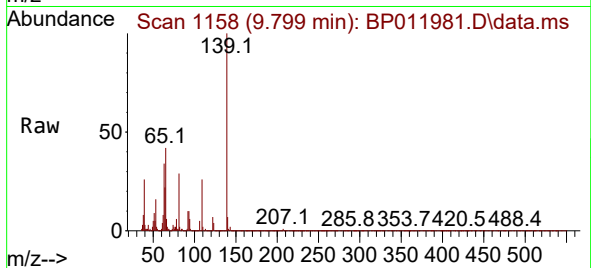




#25
2-Nitrophenol
Concen: 24.309 ng/ul
RT: 9.799 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

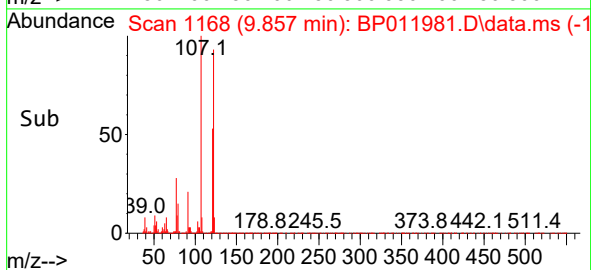
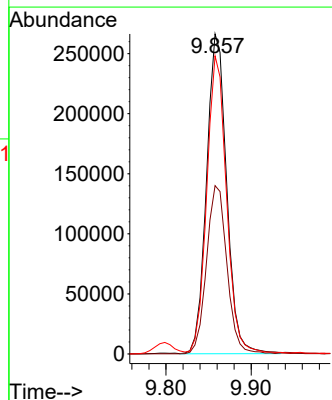
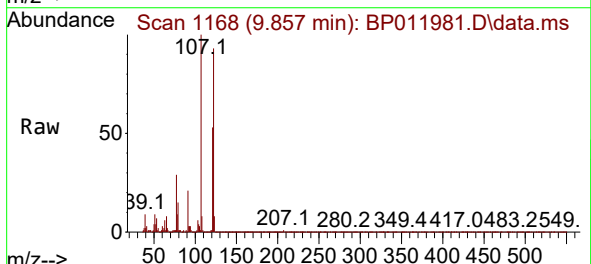
Instrument :
BNA_P
ClientSampleId :

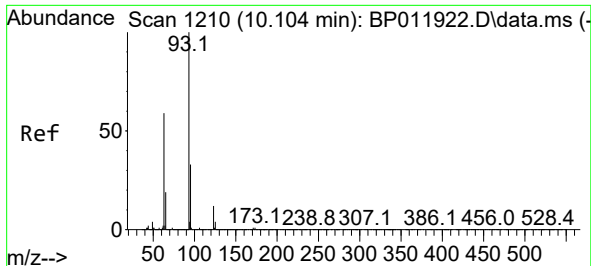
Tgt Ion:139 Resp: 244705
Ion Ratio Lower Upper
139 100
65 41.7 32.2 48.4
109 25.5 19.6 29.4



#26
2,4-Dimethylphenol
Concen: 23.102 ng/ul
RT: 9.857 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:107 Resp: 436866
Ion Ratio Lower Upper
107 100
121 52.6 43.0 64.6
122 93.2 74.9 112.3

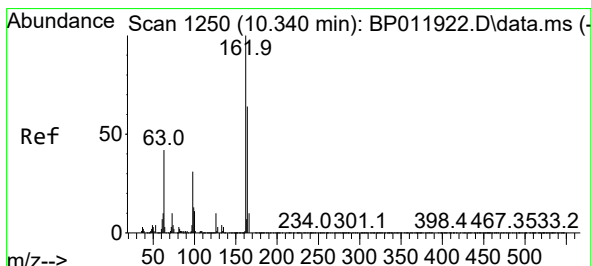
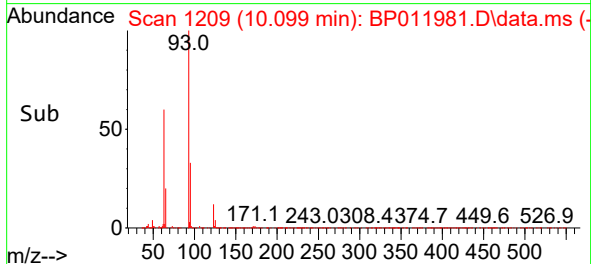
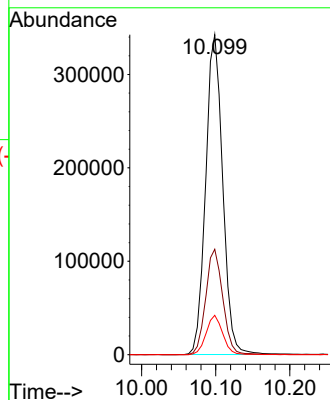
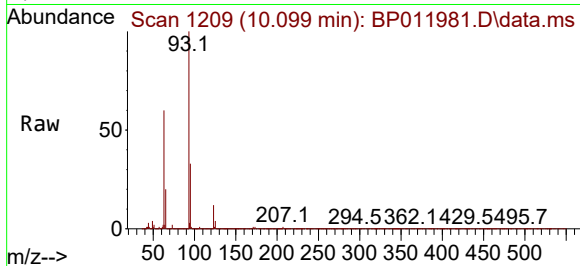




#27
 Bis(2-Chloroethoxy)methane
 Concen: 23.620 ng/ul
 RT: 10.099 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BP011981.D
 Acq: 06 Oct 2022 21:28

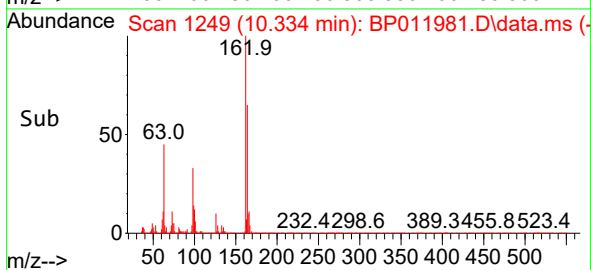
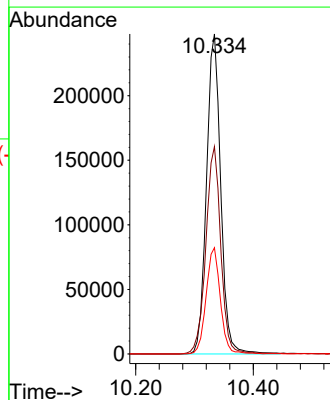
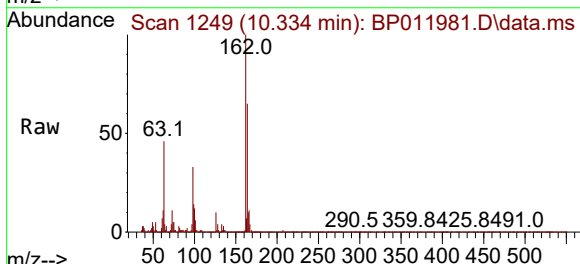
Instrument :
 BNA_P
 ClientSampleId :

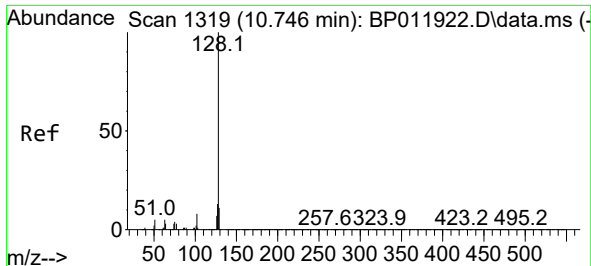
Tgt Ion: 93 Resp: 547707
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 12.3 9.5 14.3



#29
 2,4-Dichlorophenol
 Concen: 24.679 ng/ul
 RT: 10.334 min Scan# 1249
 Delta R.T. -0.006 min
 Lab File: BP011981.D
 Acq: 06 Oct 2022 21:28

Tgt Ion: 162 Resp: 416876
 Ion Ratio Lower Upper
 162 100
 164 64.8 52.2 78.4
 98 33.2 27.0 40.4

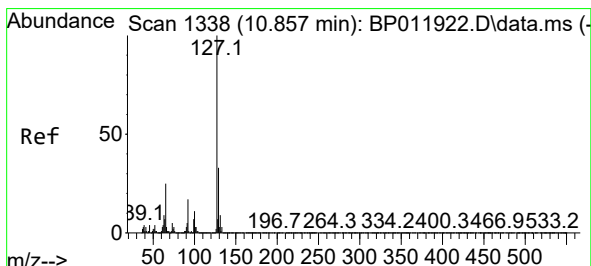
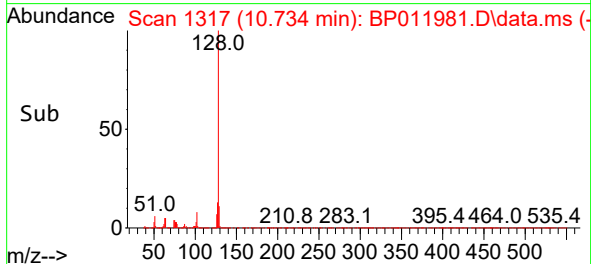
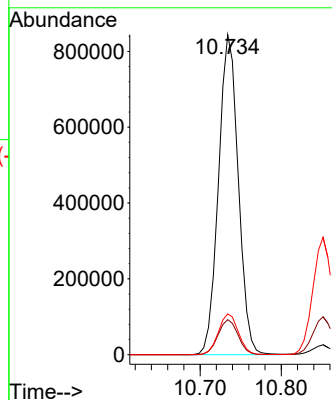
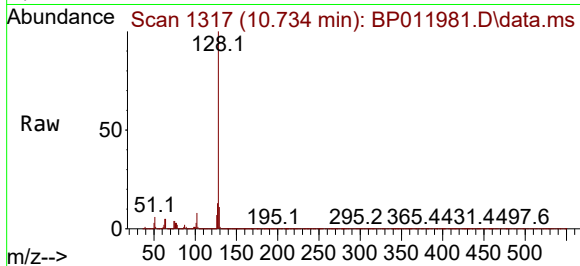




#30
Naphthalene
Concen: 24.597 ng/ul
RT: 10.734 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

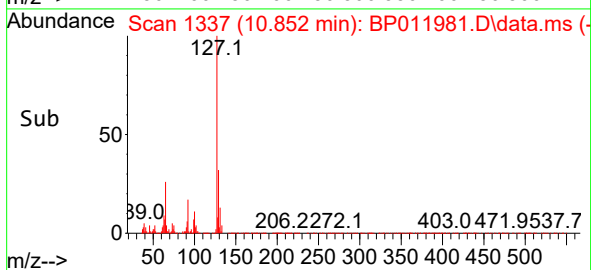
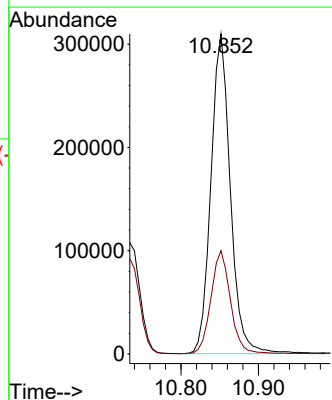
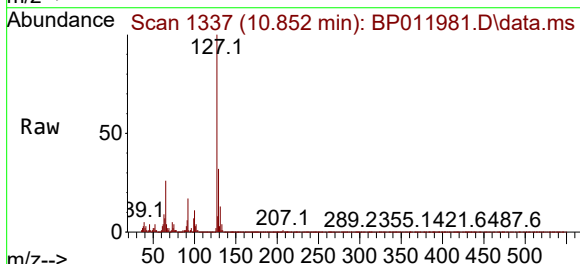
Instrument :
BNA_P
ClientSampleId :

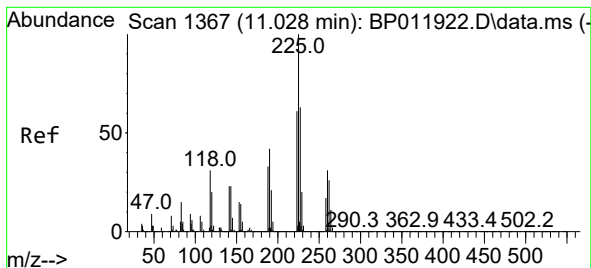
Tgt Ion:128 Resp: 1428820
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.8 10.5 15.7



#32
4-Chloroaniline
Concen: 21.143 ng/ul
RT: 10.852 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:127 Resp: 537591
Ion Ratio Lower Upper
127 100
129 32.2 26.6 39.8





#33

Hexachlorobutadiene

Concen: 24.816 ng/ul

RT: 11.016 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Instrument :

BNA_P

ClientSampleId :

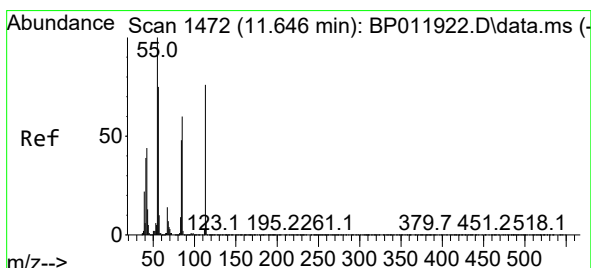
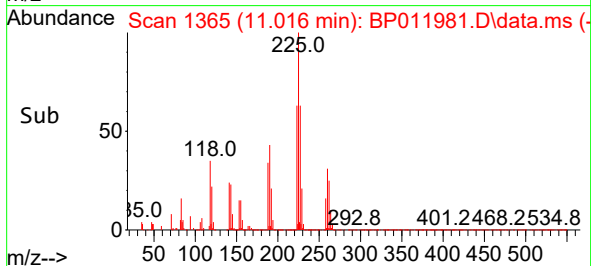
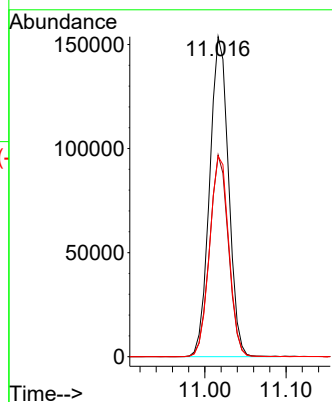
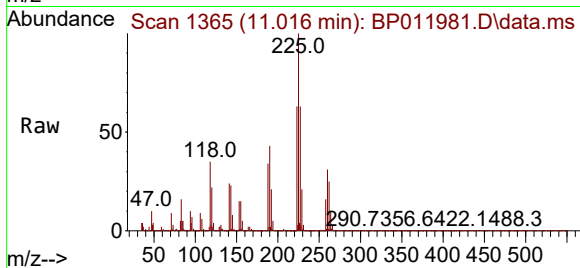
Tgt Ion:225 Resp: 248119

Ion Ratio Lower Upper

225 100

223 63.1 52.1 78.1

227 62.6 52.3 78.5



#34

Caprolactam

Concen: 19.592 ng/ul

RT: 11.646 min Scan# 1472

Delta R.T. 0.000 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

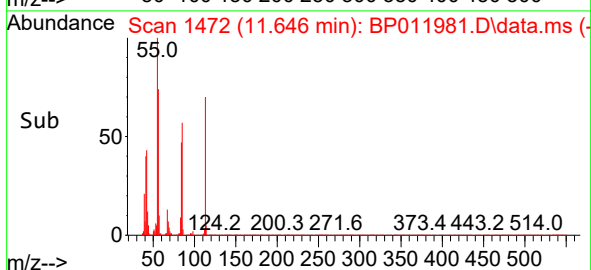
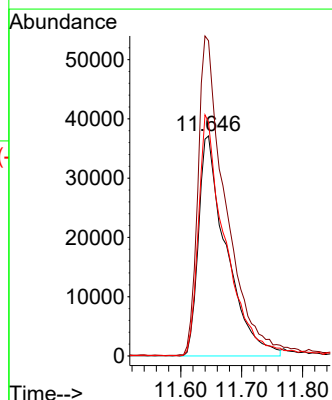
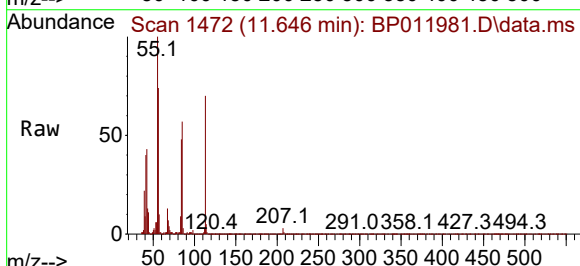
Tgt Ion:113 Resp: 117128

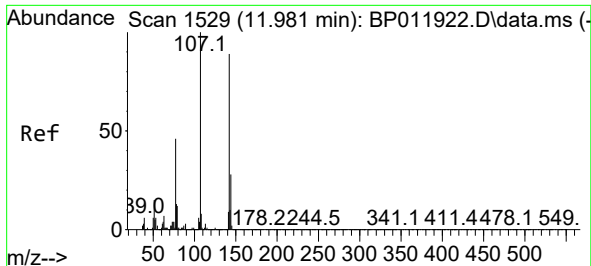
Ion Ratio Lower Upper

113 100

55 143.3 106.0 159.0

56 106.3 78.7 118.1

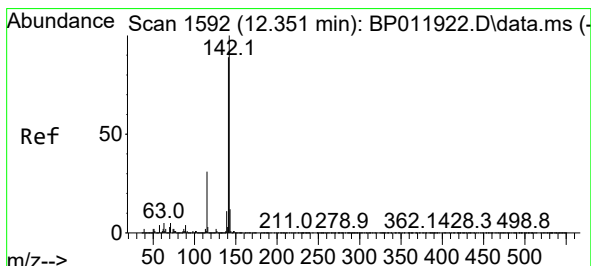
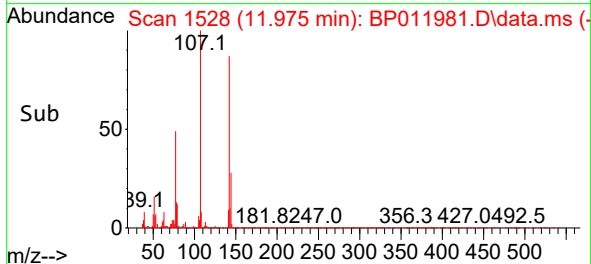
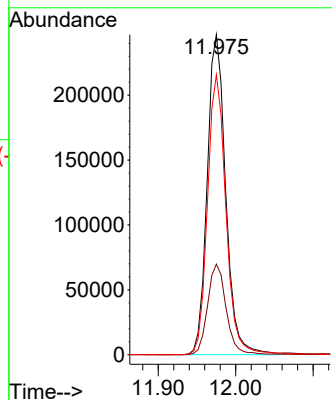
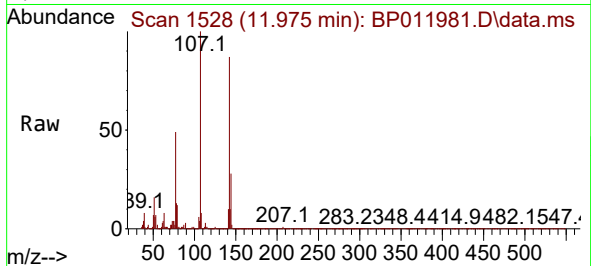




#35
4-Chloro-3-methylphenol
Concen: 22.890 ng/ul
RT: 11.975 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

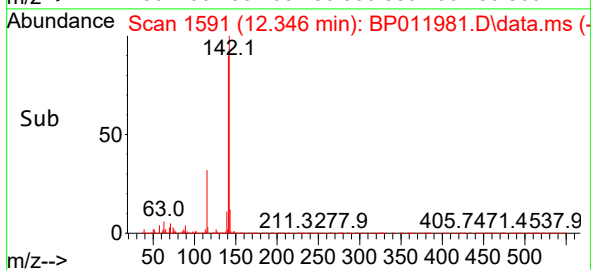
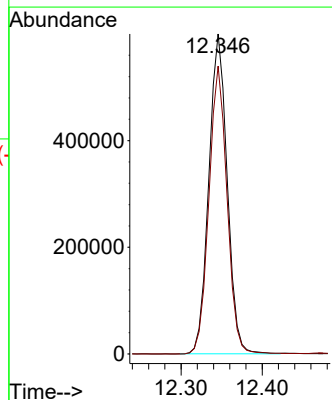
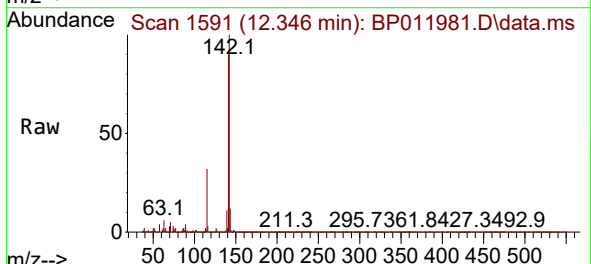
Instrument :
BNA_P
ClientSampleId :

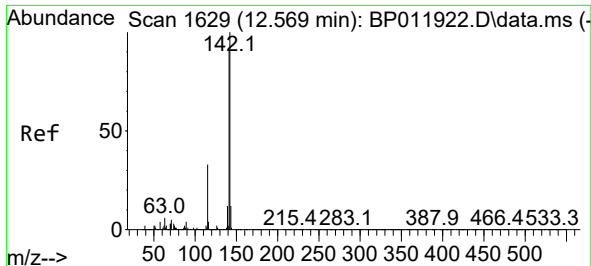
Tgt Ion:107 Resp: 409972
Ion Ratio Lower Upper
107 100
144 28.3 22.5 33.7
142 87.5 70.0 105.0



#36
2-Methylnaphthalene
Concen: 23.220 ng/ul
RT: 12.346 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:142 Resp: 942002
Ion Ratio Lower Upper
142 100
141 90.0 70.6 106.0





#37

1-Methylnaphthalene

Concen: 23.527 ng/ul

RT: 12.563 min Scan# 1

Delta R.T. -0.006 min

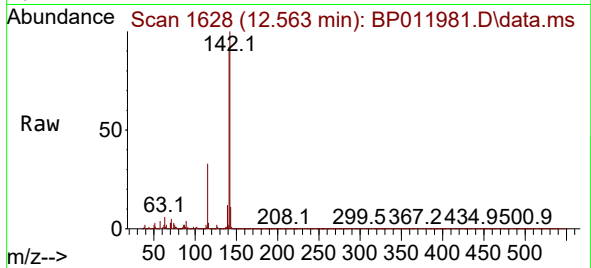
Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Instrument :

BNA_P

ClientSampleId :



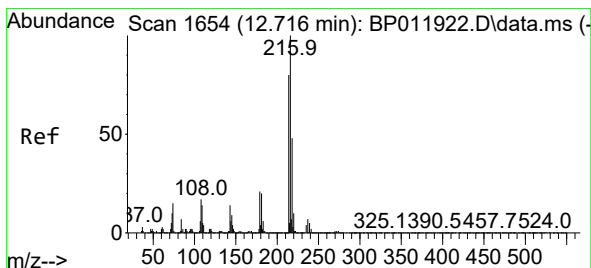
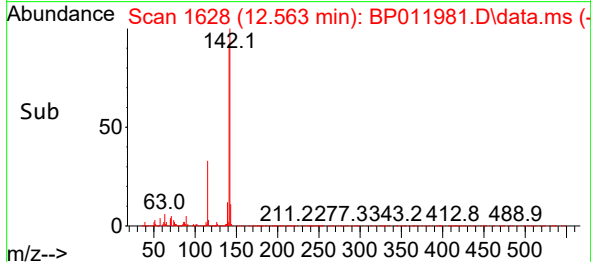
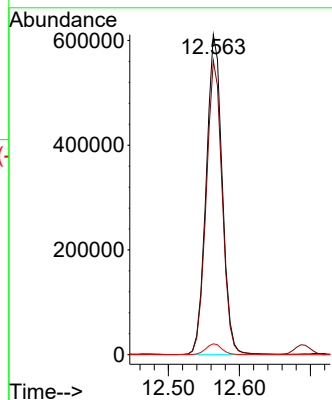
Tgt Ion:142 Resp: 957688

Ion Ratio Lower Upper

142 100

141 91.9 74.8 112.2

116 3.4 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.634 ng/ul

RT: 12.710 min Scan# 1653

Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Tgt Ion:216 Resp: 478289

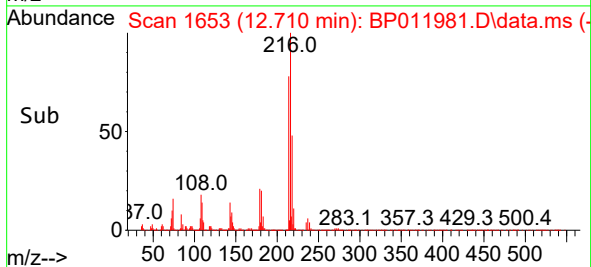
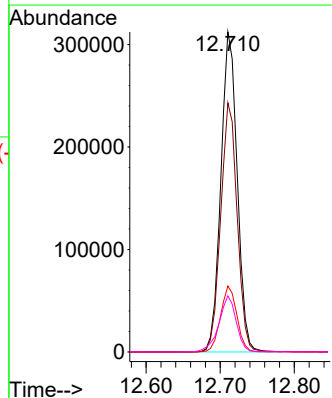
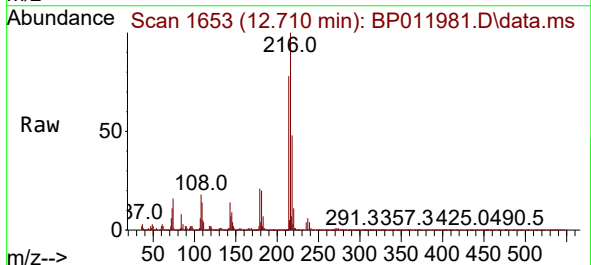
Ion Ratio Lower Upper

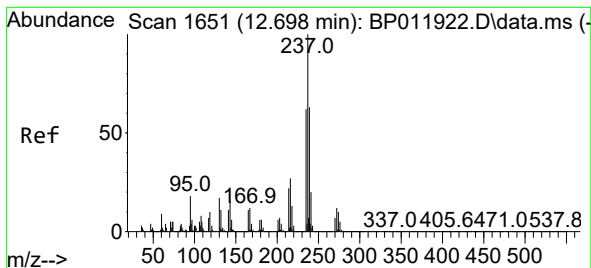
216 100

214 77.9 62.6 94.0

179 20.6 16.6 24.8

108 17.5 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 22.236 ng/ul

RT: 12.693 min Scan# 1650

Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Instrument :

BNA_P

ClientSampleId :

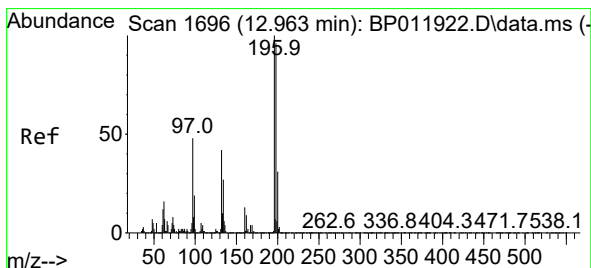
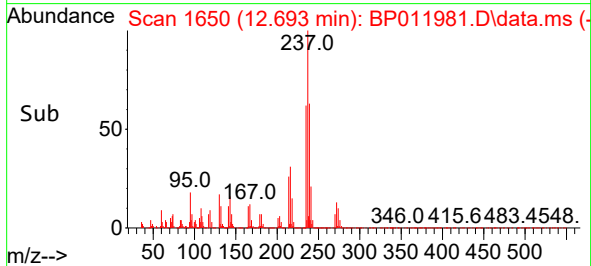
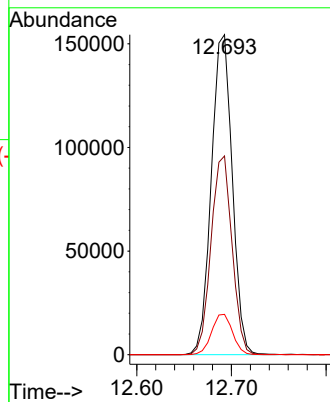
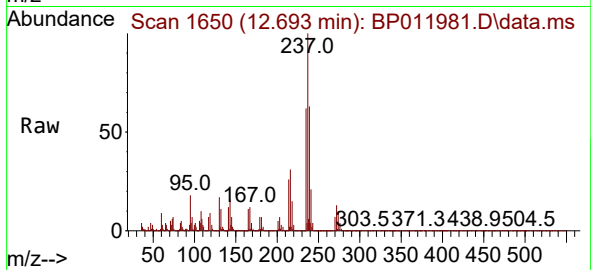
Tgt Ion:237 Resp: 237008

Ion Ratio Lower Upper

237 100

235 62.1 51.0 76.6

272 12.6 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 24.723 ng/ul

RT: 12.957 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

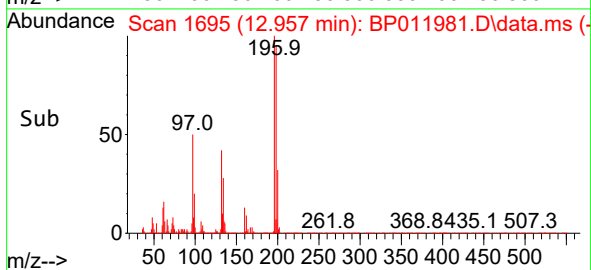
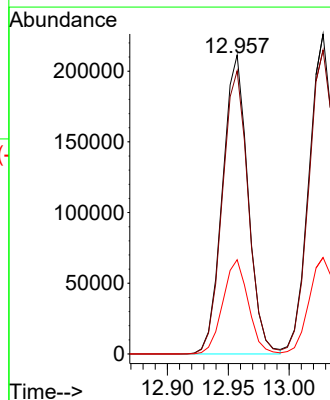
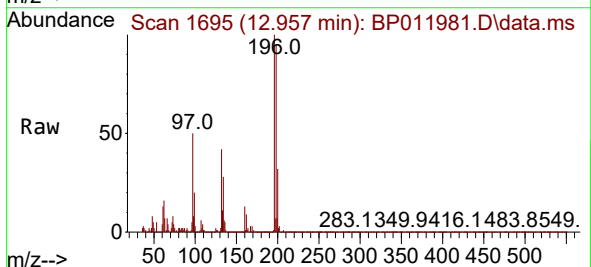
Tgt Ion:196 Resp: 308782

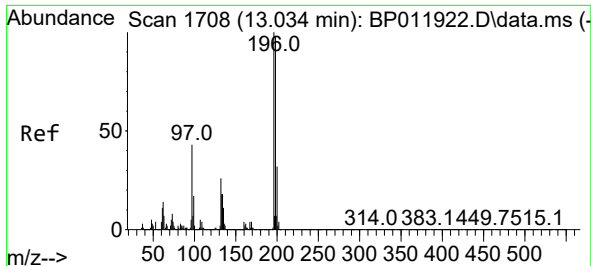
Ion Ratio Lower Upper

196 100

198 94.7 78.7 118.1

200 31.5 24.5 36.7

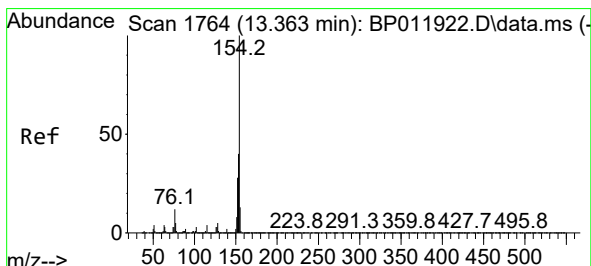
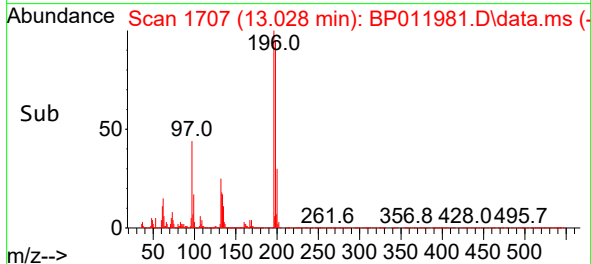
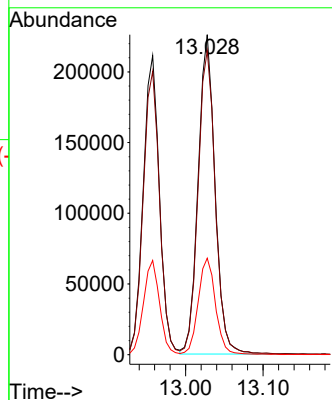
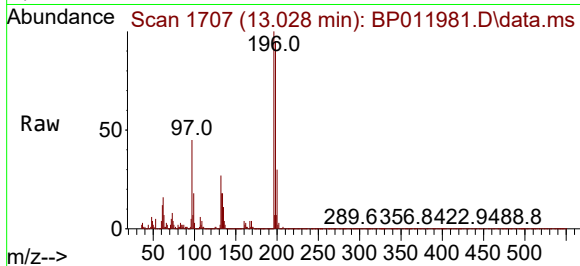




#42
2,4,5-Trichlorophenol
Concen: 25.174 ng/ul
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

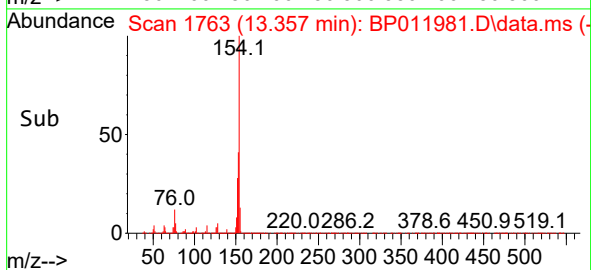
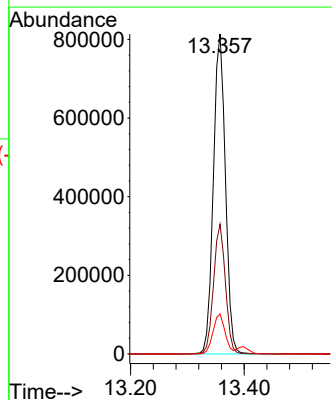
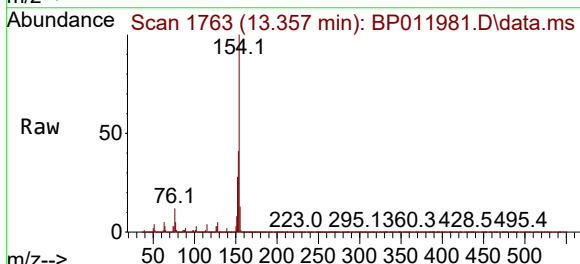
Instrument :
BNA_P
ClientSampleId :

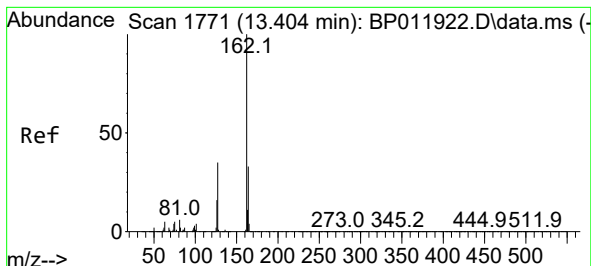
Tgt Ion:196 Resp: 342487
Ion Ratio Lower Upper
196 100
198 95.0 76.6 114.8
200 30.2 25.6 38.4



#43
1,1'-Biphenyl
Concen: 25.098 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:154 Resp: 1194347
Ion Ratio Lower Upper
154 100
153 40.5 31.8 47.6
76 12.5 9.5 14.3





#44

2-Chloronaphthalene

Concen: 25.544 ng/ul

RT: 13.398 min Scan# 1770

Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Instrument :

BNA_P

ClientSampleId :

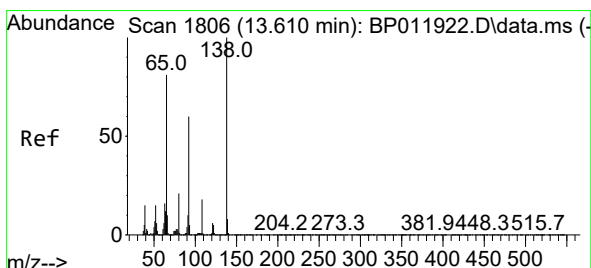
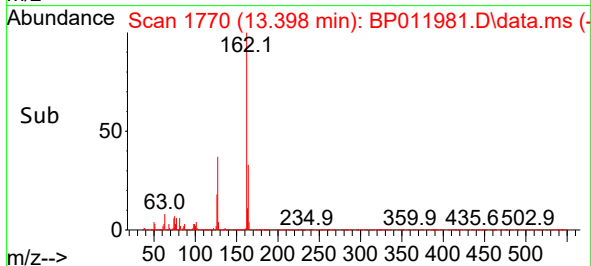
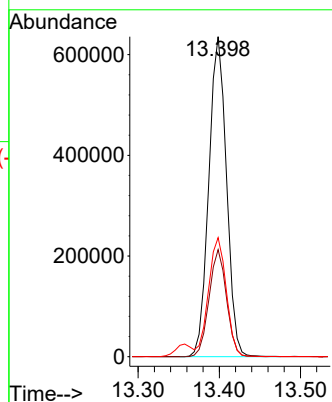
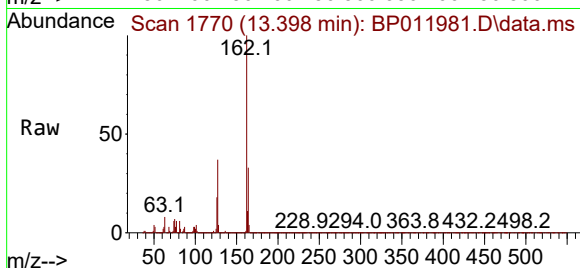
Tgt Ion:162 Resp: 961036

Ion Ratio Lower Upper

162 100

164 33.5 26.5 39.7

127 37.2 29.7 44.5



#45

2-Nitroaniline

Concen: 25.435 ng/ul

RT: 13.610 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

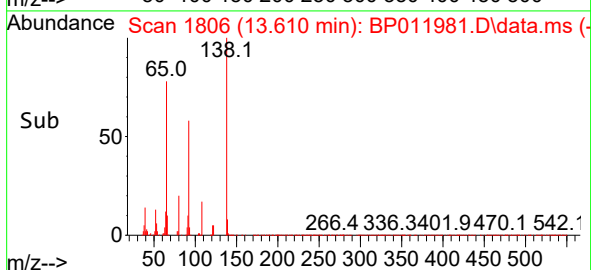
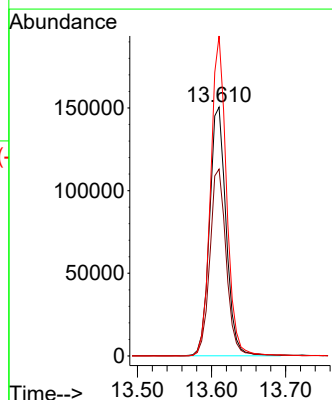
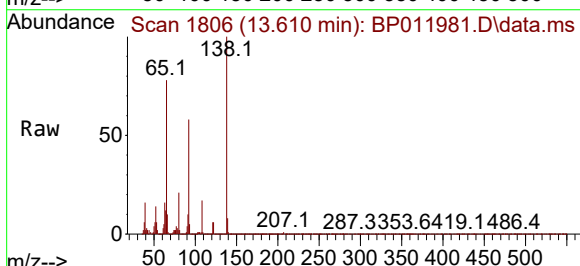
Tgt Ion: 65 Resp: 233598

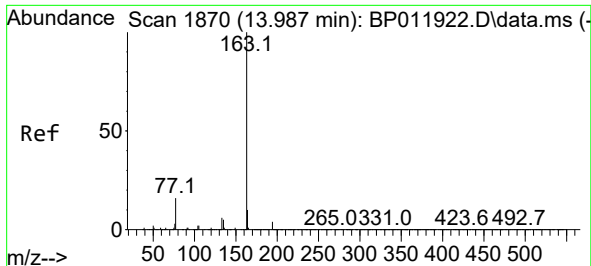
Ion Ratio Lower Upper

65 100

92 75.1 61.2 91.8

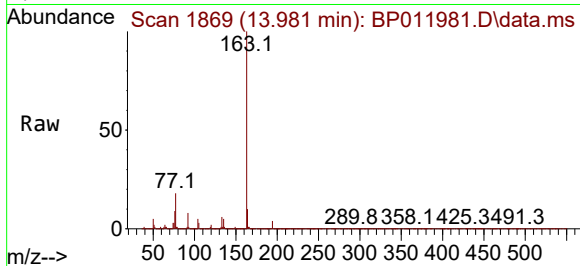
138 128.6 103.0 154.4



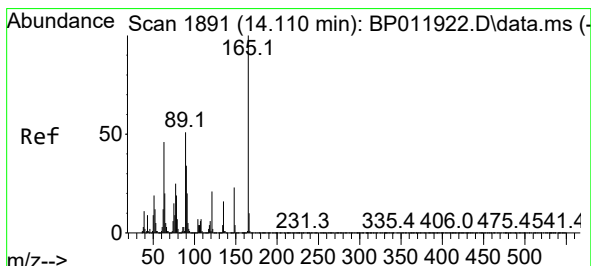
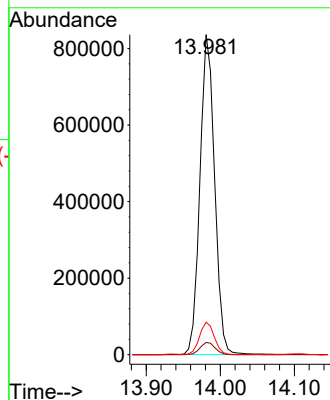
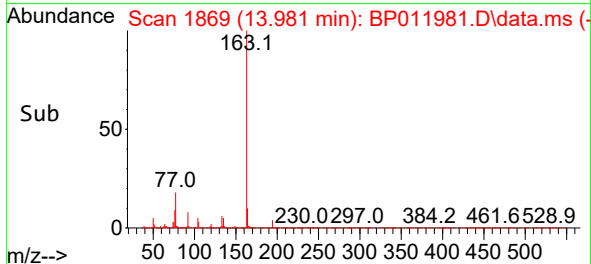


#47
Dimethylphthalate
Concen: 23.838 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

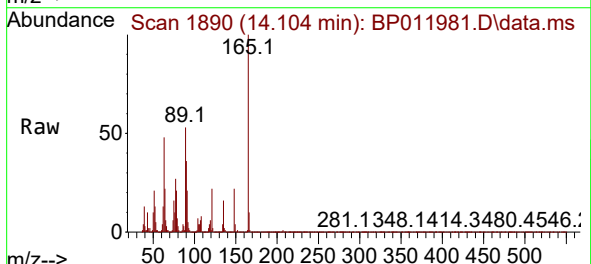
Instrument :
BNA_P
ClientSampleId :



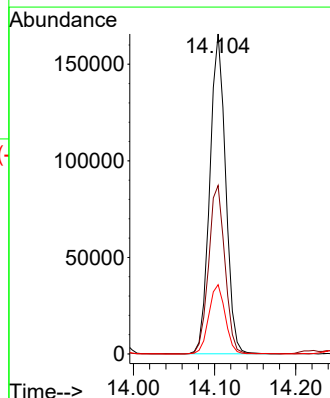
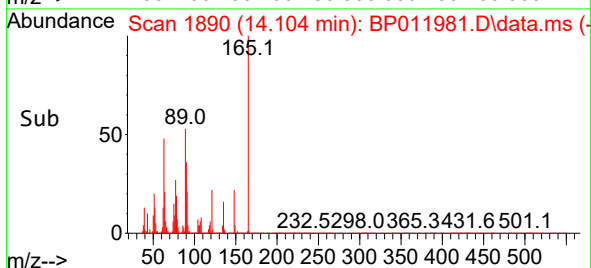
Tgt Ion:163 Resp: 1149365
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.5 12.7

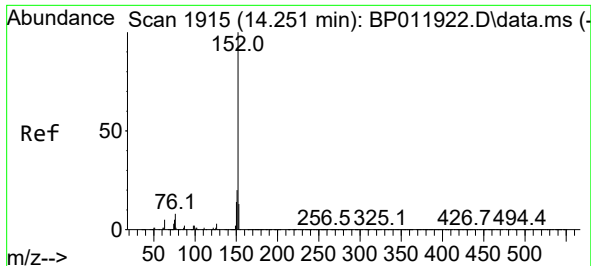


#48
2,6-Dinitrotoluene
Concen: 23.818 ng/ul
RT: 14.104 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28



Tgt Ion:165 Resp: 223810
Ion Ratio Lower Upper
165 100
89 52.7 39.1 58.7
121 21.6 16.7 25.1

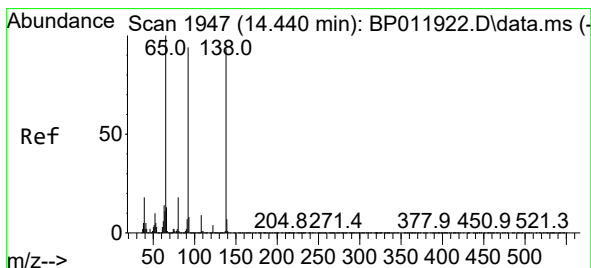
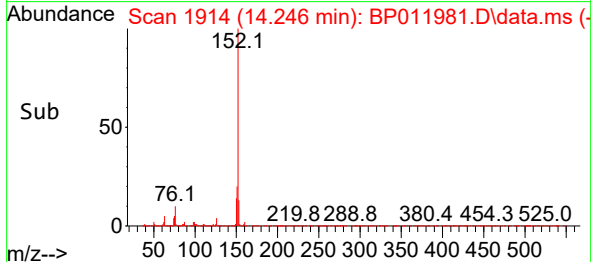
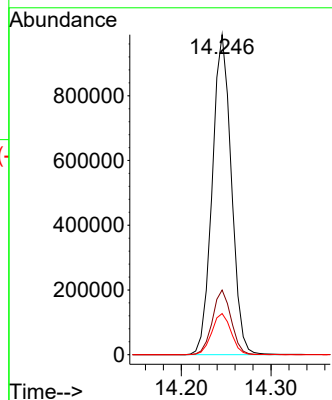
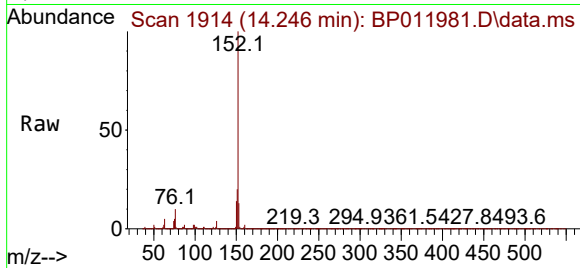




#50
Acenaphthylene
Concen: 25.061 ng/ul
RT: 14.246 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

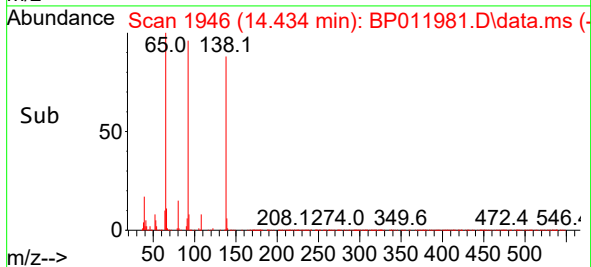
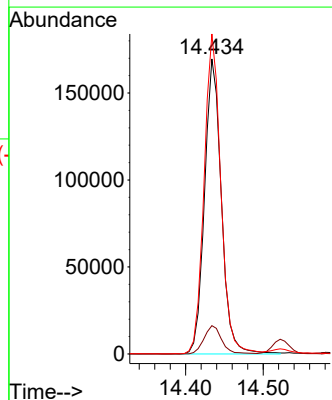
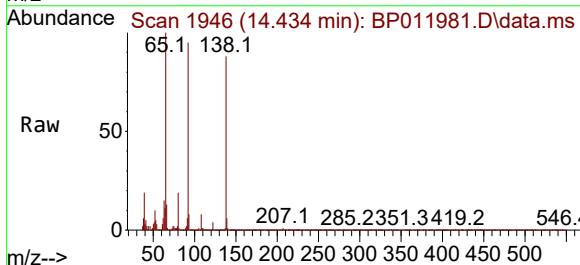
Instrument :
BNA_P
ClientSampleId :

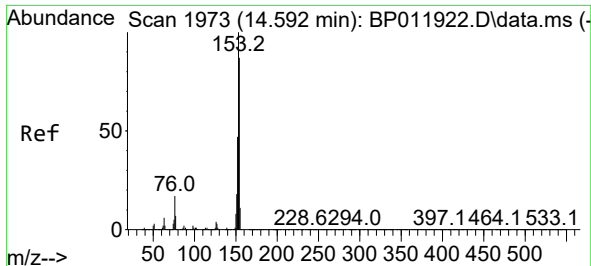
Tgt Ion:152 Resp: 1459845
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 12.9 10.8 16.2



#51
3-Nitroaniline
Concen: 23.513 ng/ul
RT: 14.434 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:138 Resp: 256096
Ion Ratio Lower Upper
138 100
108 9.6 8.2 12.4
92 108.5 85.6 128.4

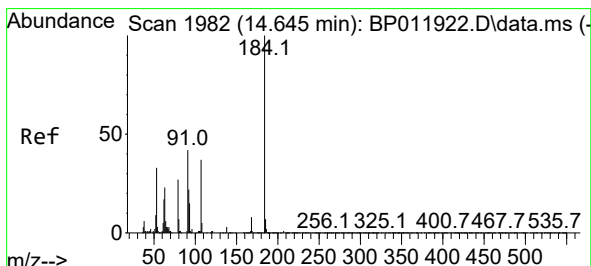
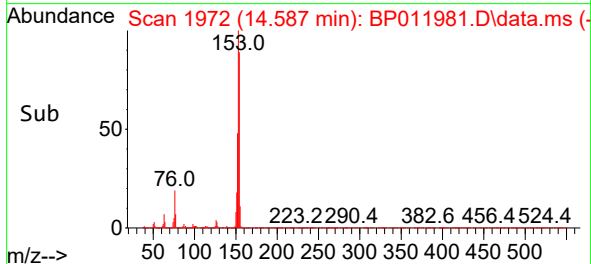
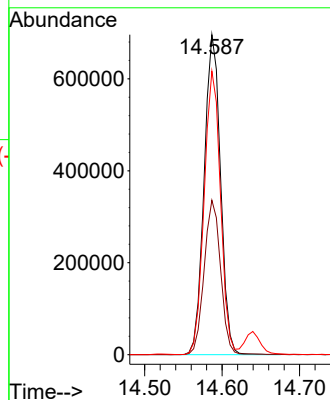
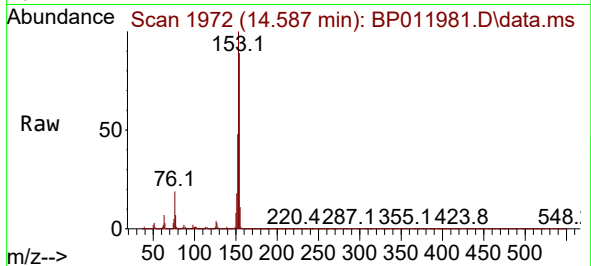




#52
Acenaphthene
Concen: 24.885 ng/ul
RT: 14.587 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

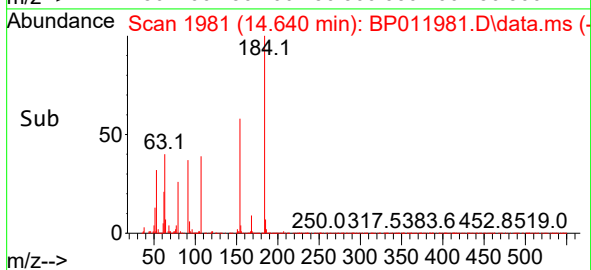
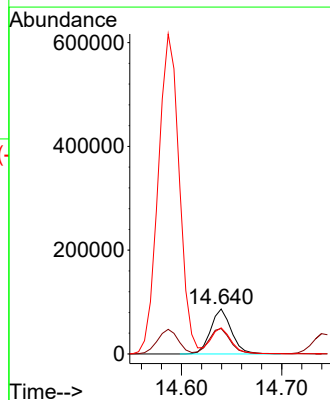
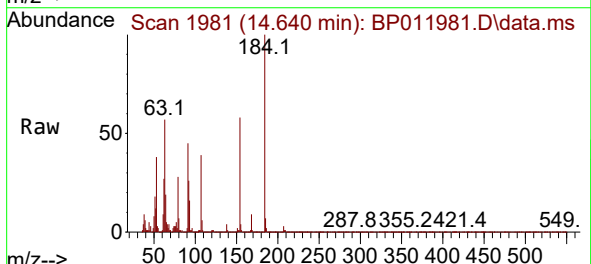
Instrument :
BNA_P
ClientSampleId :

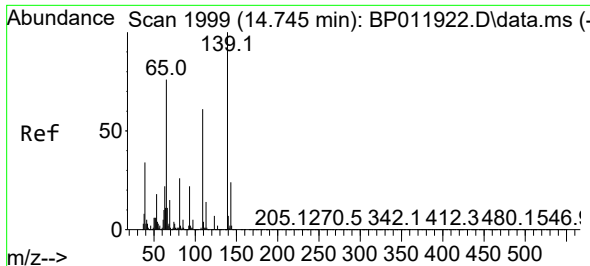
Tgt Ion:153 Resp: 1022732
Ion Ratio Lower Upper
153 100
152 48.3 38.4 57.6
154 88.6 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 19.529 ng/ul
RT: 14.640 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:184 Resp: 124419
Ion Ratio Lower Upper
184 100
63 56.5 44.2 66.4
154 58.2 45.8 68.6

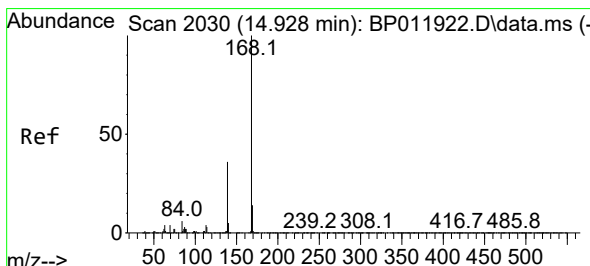
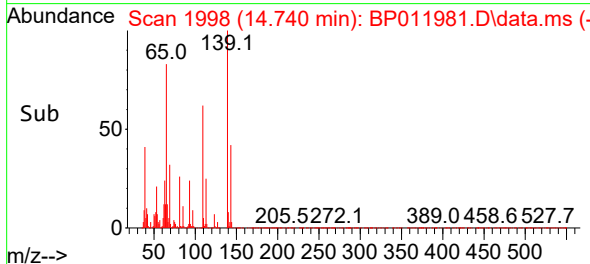
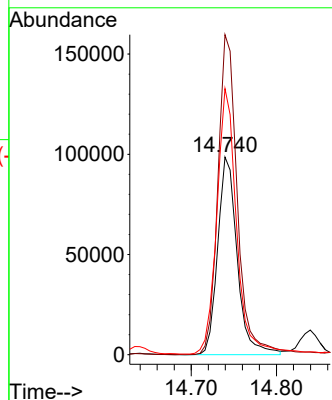
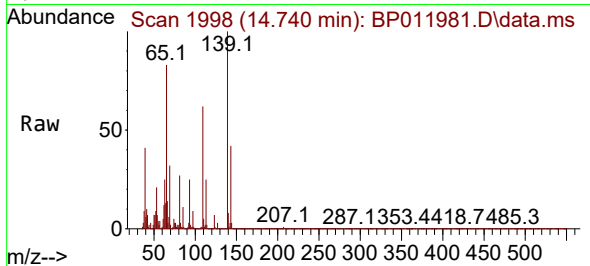




#55
4-Nitrophenol
Concen: 24.403 ng/ul
RT: 14.740 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

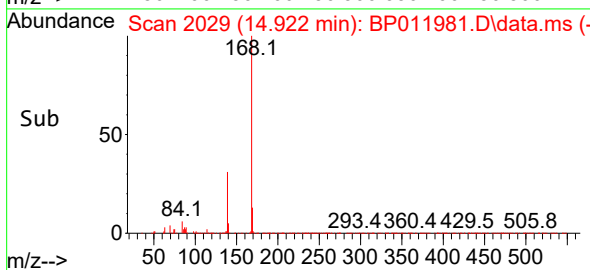
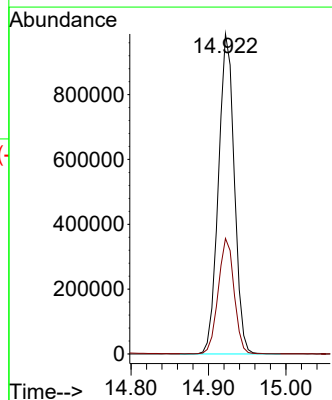
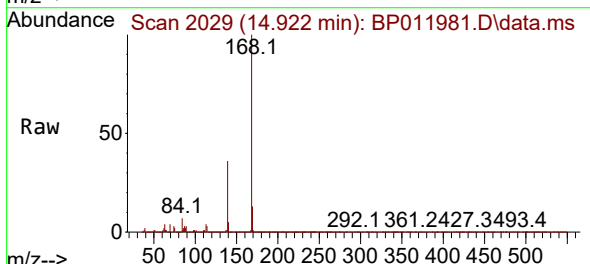
Instrument :
BNA_P
ClientSampleId :

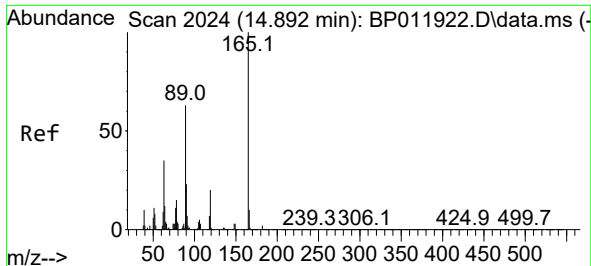
Tgt Ion:109 Resp: 156945
Ion Ratio Lower Upper
109 100
139 161.9 125.0 187.6
65 134.7 101.9 152.9



#56
Dibenzofuran
Concen: 24.950 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:168 Resp: 1404454
Ion Ratio Lower Upper
168 100
139 36.1 29.4 44.2





#57

2,4-Dinitrotoluene

Concen: 24.356 ng/ul

RT: 14.893 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Instrument :

BNA_P

ClientSampleId :

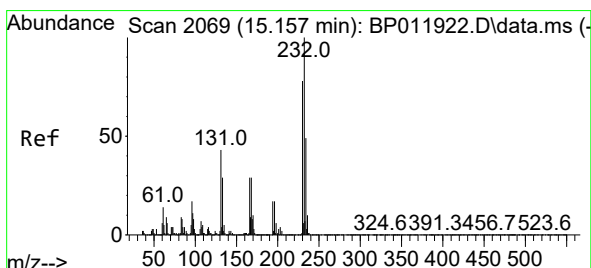
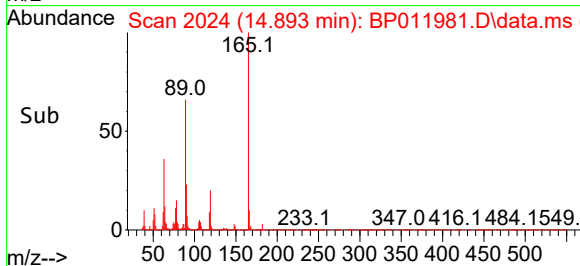
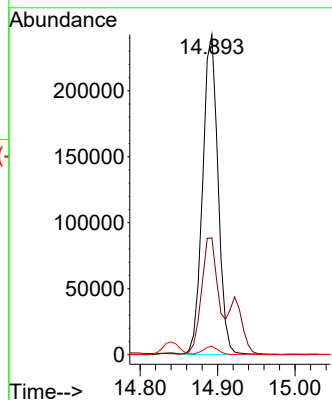
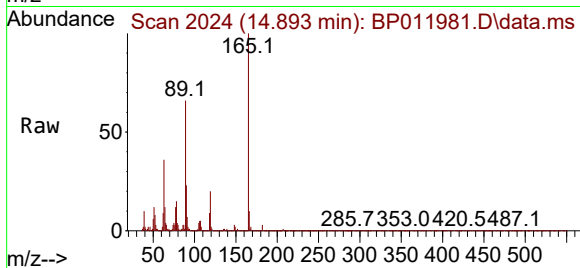
Tgt Ion:165 Resp: 334534

Ion Ratio Lower Upper

165 100

63 36.5 28.2 42.2

182 2.6 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.139 ng/ul

RT: 15.151 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Tgt Ion:232 Resp: 285297

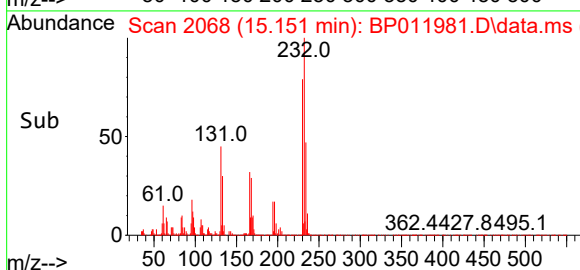
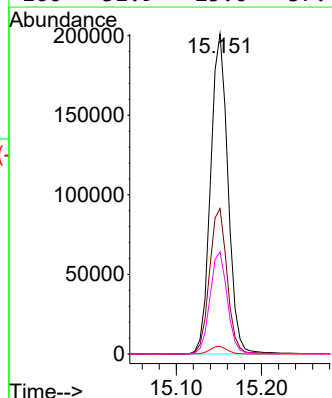
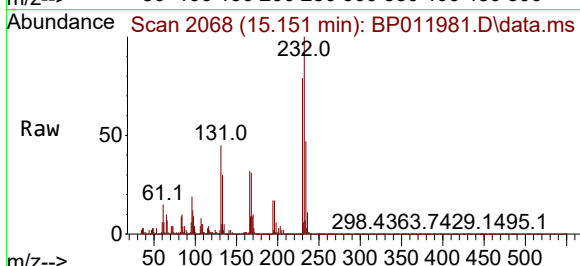
Ion Ratio Lower Upper

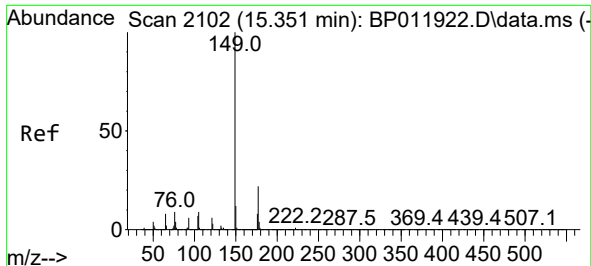
232 100

131 45.5 36.2 54.2

130 2.4 1.7 2.5

166 31.9 25.0 37.4

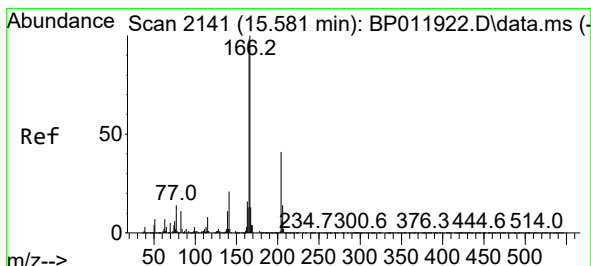
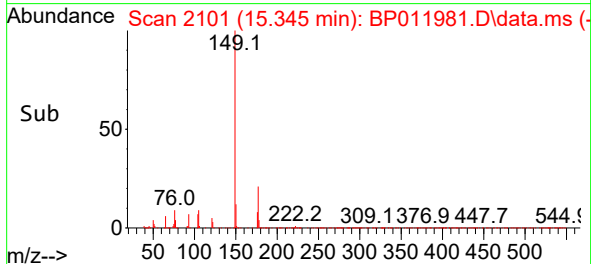
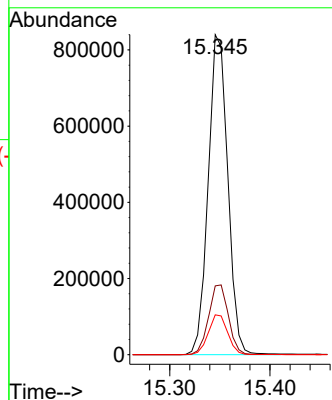
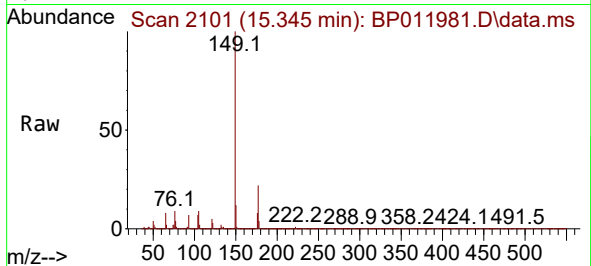




#59
Diethylphthalate
Concen: 23.649 ng/ul
RT: 15.345 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

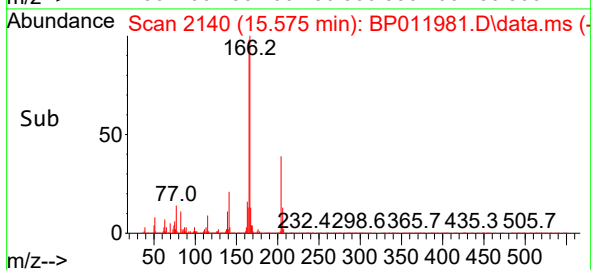
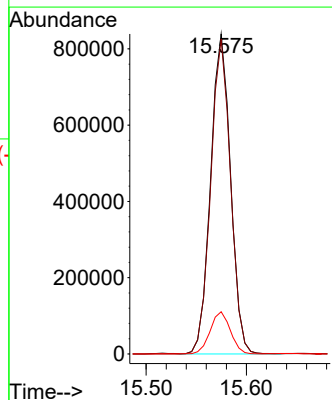
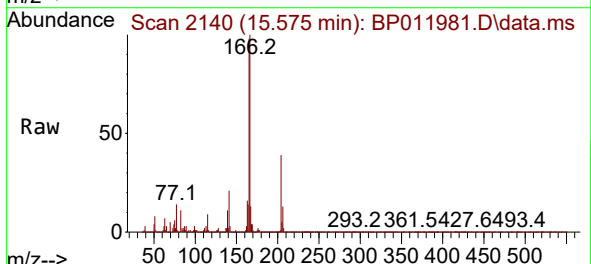
Instrument :
BNA_P
ClientSampleId :

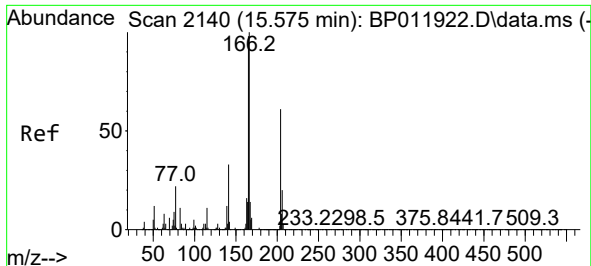
Tgt Ion:149 Resp: 1142358
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.8
150 12.5 9.9 14.9



#61
Fluorene
Concen: 25.131 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:166 Resp: 1158648
Ion Ratio Lower Upper
166 100
165 98.4 77.2 115.8
167 13.2 10.7 16.1

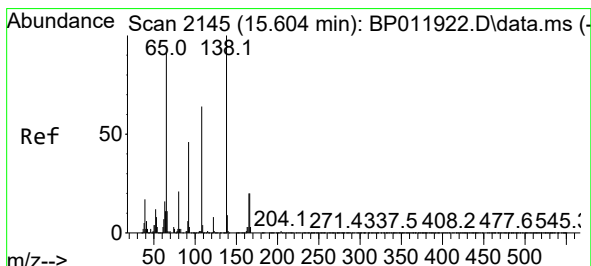
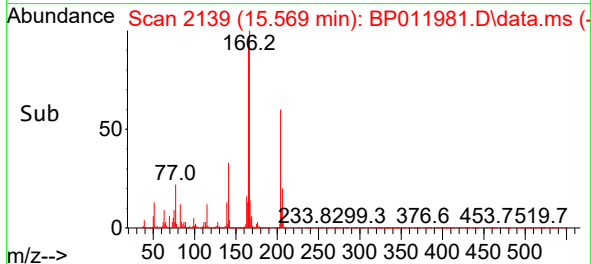
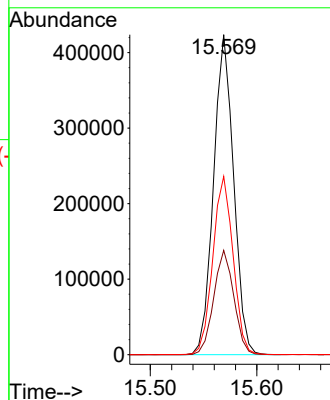
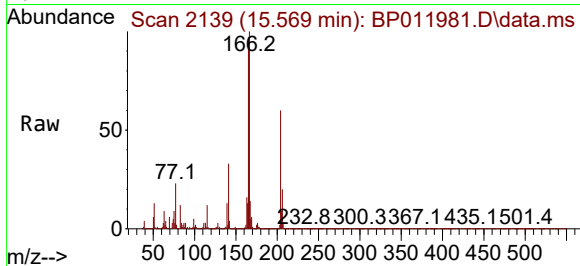




#62
4-Chlorophenyl-phenylether
Concen: 24.299 ng/ul
RT: 15.569 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

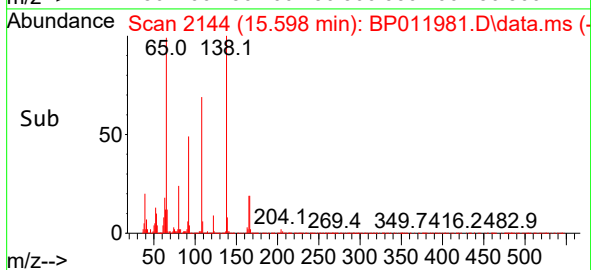
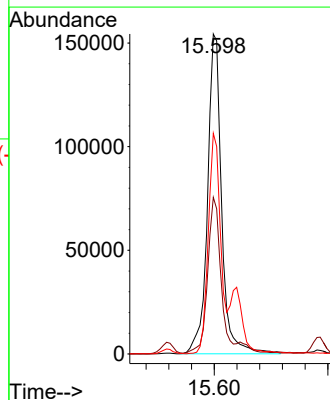
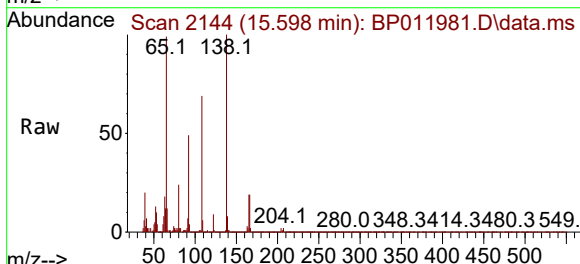
Instrument :
BNA_P
ClientSampleId :

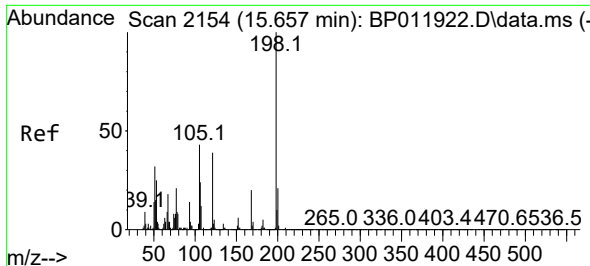
Tgt Ion:204 Resp: 554607
Ion Ratio Lower Upper
204 100
206 32.6 26.8 40.2
141 55.7 44.5 66.7



#63
4-Nitroaniline
Concen: 25.570 ng/ul
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:138 Resp: 265759
Ion Ratio Lower Upper
138 100
92 49.0 35.9 53.9
108 68.9 51.6 77.4

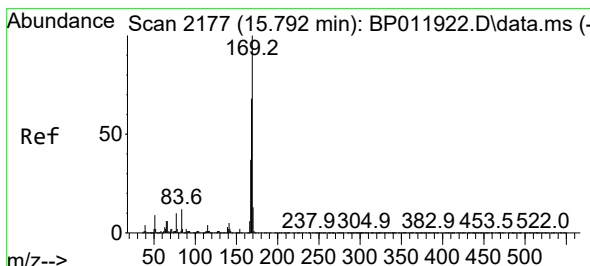
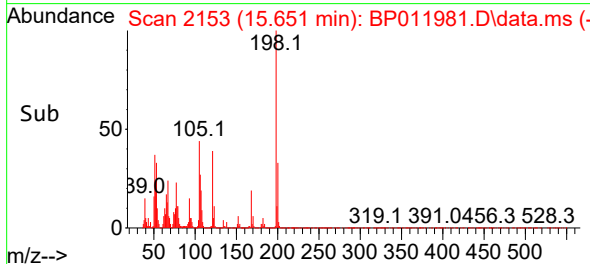
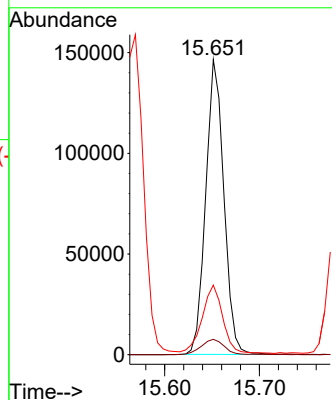
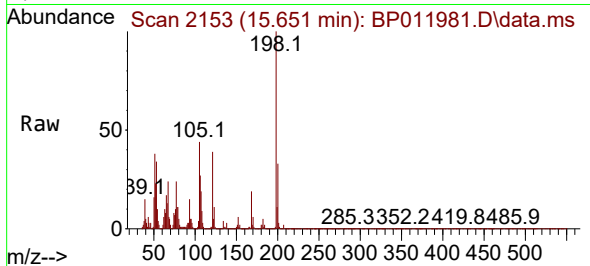




#66
4,6-Dinitro-2-methylphenol
Concen: 22.888 ng/ul
RT: 15.651 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

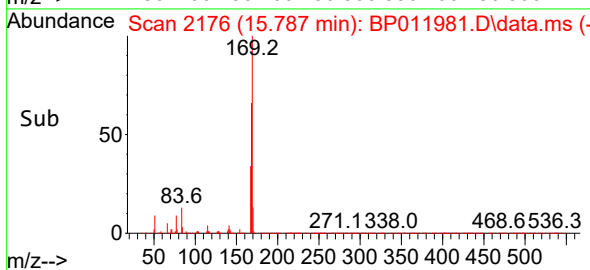
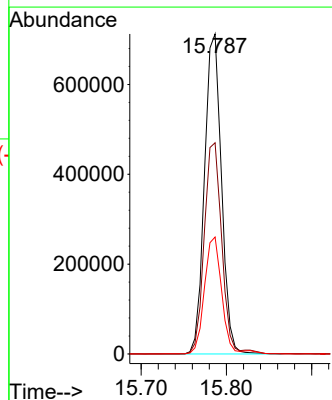
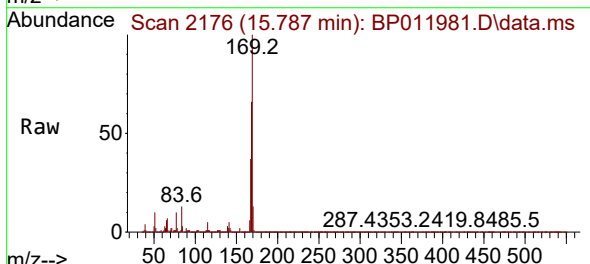
Instrument :
BNA_P
ClientSampleId :

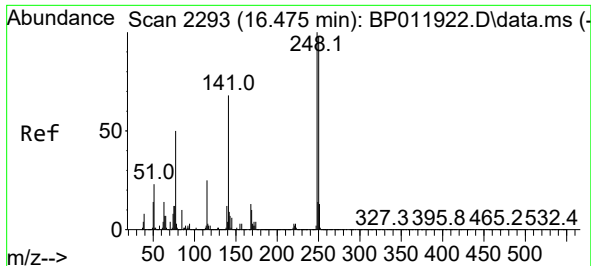
Tgt Ion:198 Resp: 193973
Ion Ratio Lower Upper
198 100
182 5.2 3.7 5.5
77 23.6 16.6 24.8



#67
N-Nitrosodiphenylamine
Concen: 25.235 ng/ul
RT: 15.787 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:169 Resp: 983884
Ion Ratio Lower Upper
169 100
168 66.0 53.7 80.5
167 36.6 29.9 44.9

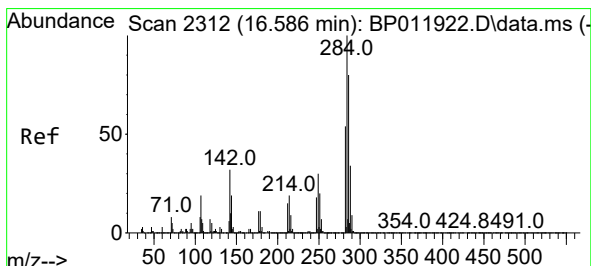
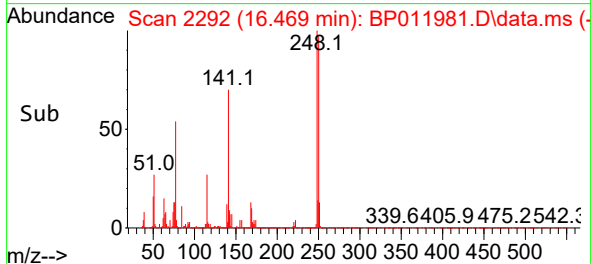
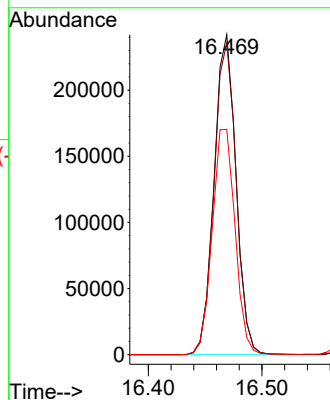
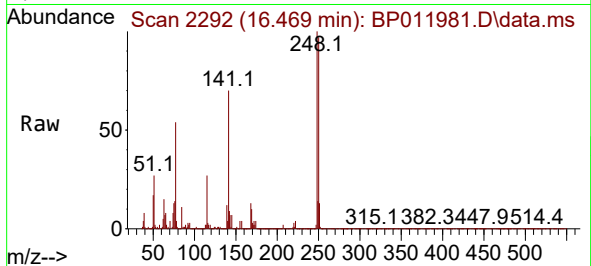




#68
4-Bromophenyl-phenylether
Concen: 24.131 ng/ul
RT: 16.469 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

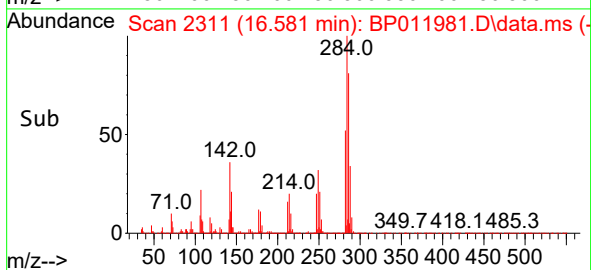
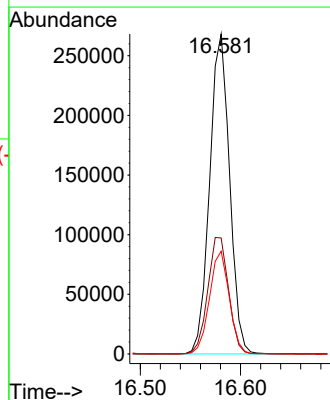
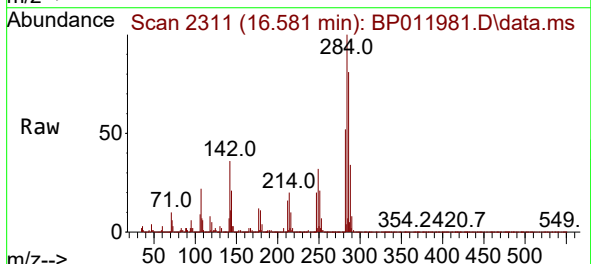
Instrument :
BNA_P
ClientSampleId :

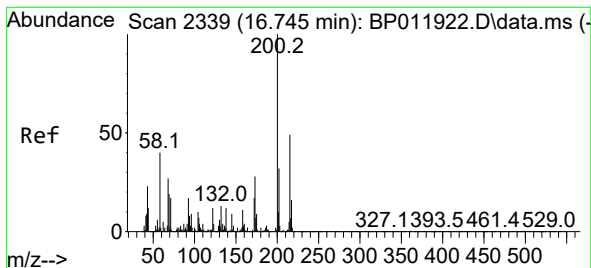
Tgt Ion:248 Resp: 324419
Ion Ratio Lower Upper
248 100
250 97.4 78.6 118.0
141 70.4 56.0 84.0



#69
Hexachlorobenzene
Concen: 24.177 ng/ul
RT: 16.581 min Scan# 2311
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:284 Resp: 369880
Ion Ratio Lower Upper
284 100
142 36.3 27.3 40.9
249 32.1 25.2 37.8





#70

Atrazine

Concen: 22.354 ng/ul

RT: 16.745 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Instrument :

BNA_P

ClientSampleId :

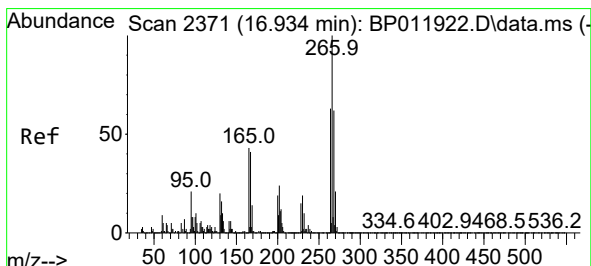
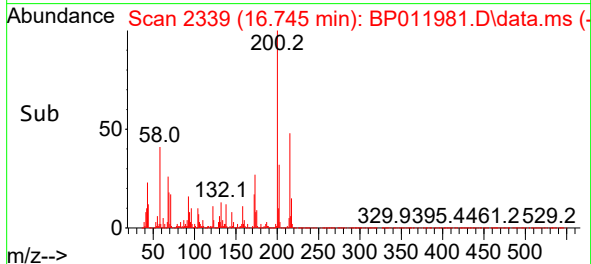
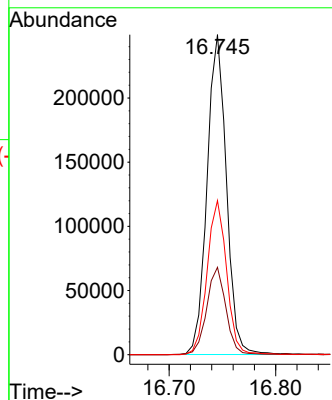
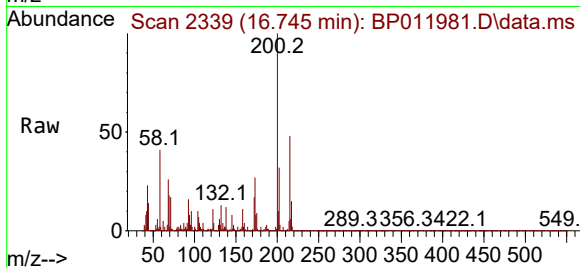
Tgt Ion:200 Resp: 314472

Ion Ratio Lower Upper

200 100

173 27.3 21.6 32.4

215 48.1 38.9 58.3



#71

Pentachlorophenol

Concen: 22.832 ng/ul

RT: 16.928 min Scan# 2370

Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

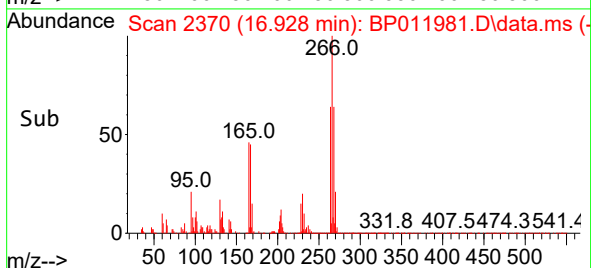
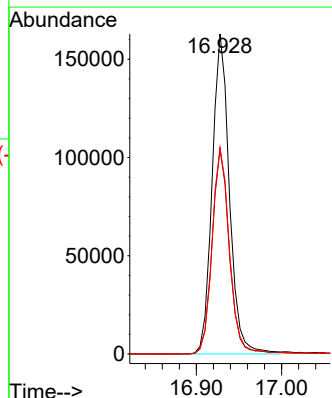
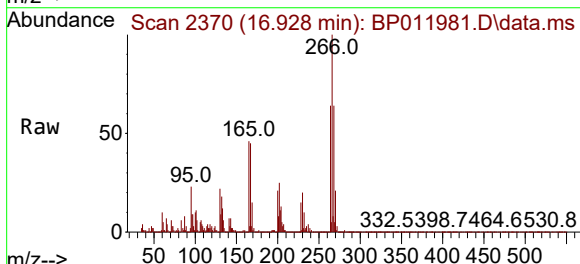
Tgt Ion:266 Resp: 229740

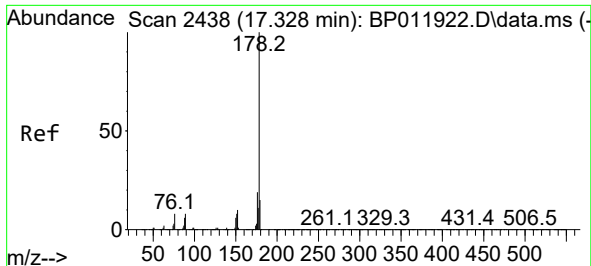
Ion Ratio Lower Upper

266 100

264 63.9 49.8 74.8

268 64.5 51.9 77.9

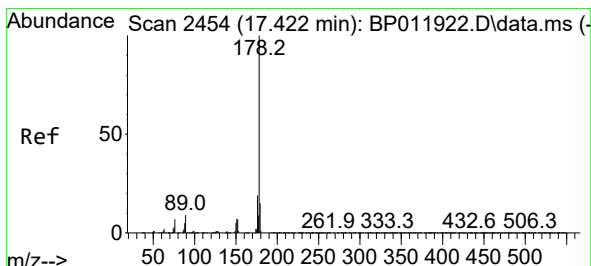
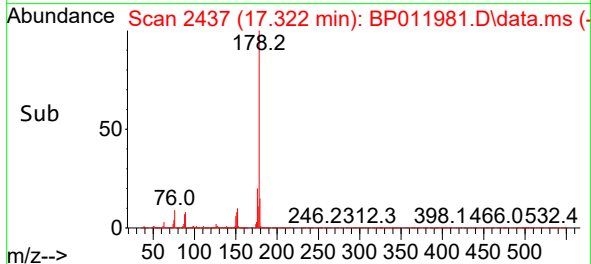
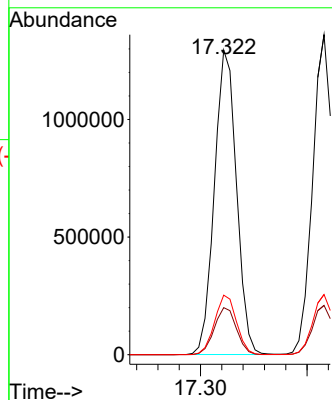
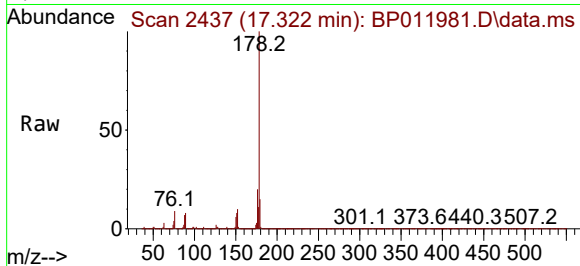




#72
Phenanthrene
Concen: 25.660 ng/ul
RT: 17.322 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

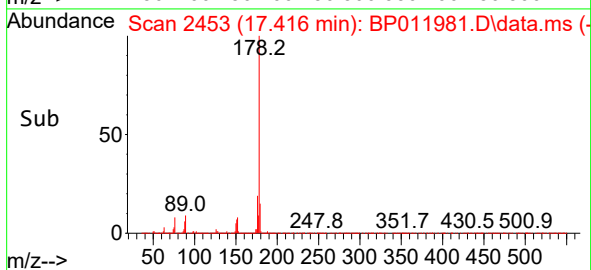
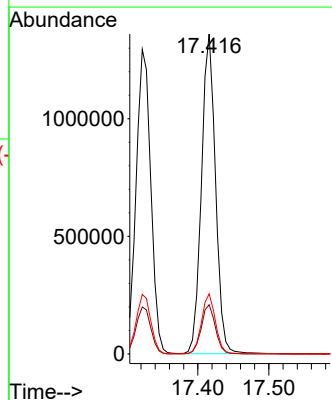
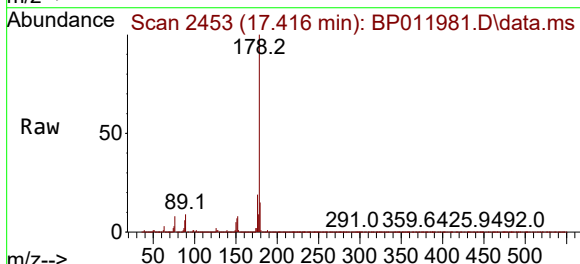
Instrument :
BNA_P
ClientSampleId :

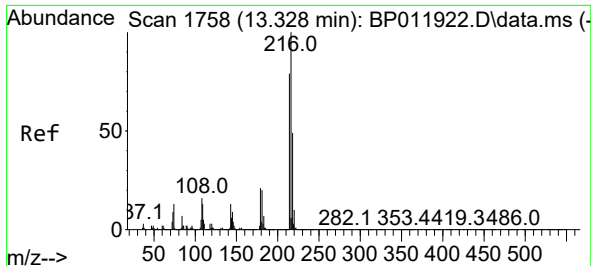
Tgt Ion:178 Resp: 1863844
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.6 15.4 23.2



#74
Anthracene
Concen: 25.658 ng/ul
RT: 17.416 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:178 Resp: 1875146
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.8 15.4 23.2

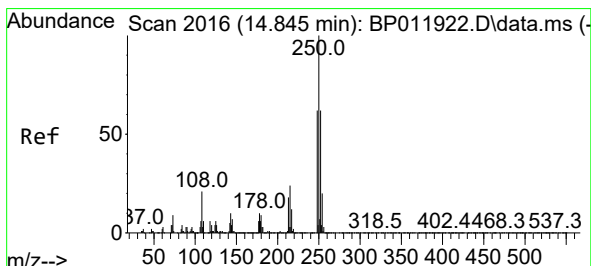
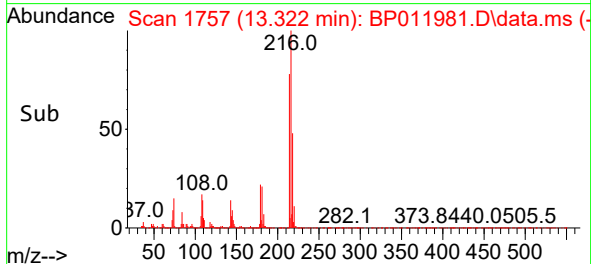
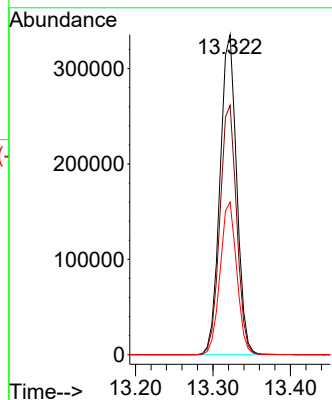
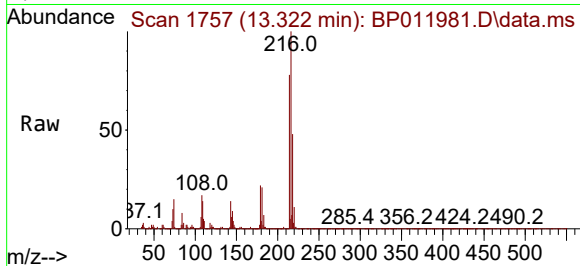




#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.491 ng/uL
RT: 13.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

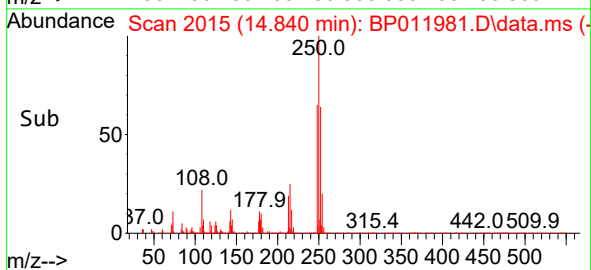
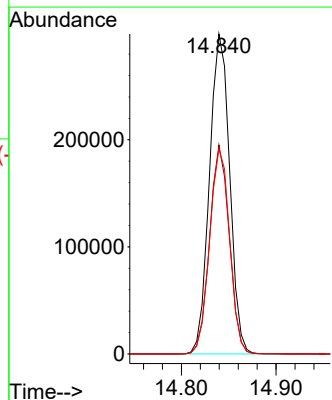
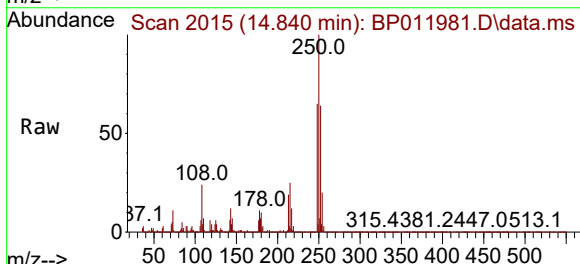
Instrument :
BNA_P
ClientSampleId :

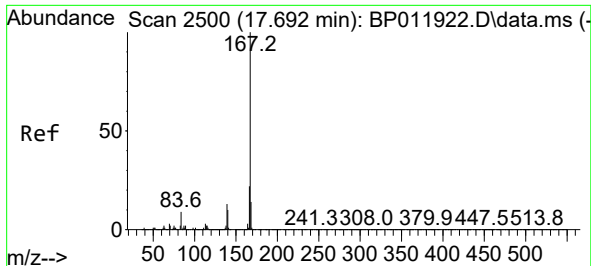
Tgt Ion:216 Resp: 501518
Ion Ratio Lower Upper
216 100
214 77.9 62.6 93.8
218 47.7 37.4 56.0



#76
Pentachlorobenzene
Concen: 22.647 ng/uL
RT: 14.840 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:250 Resp: 441479
Ion Ratio Lower Upper
250 100
248 65.3 51.4 77.0
252 64.1 51.5 77.3

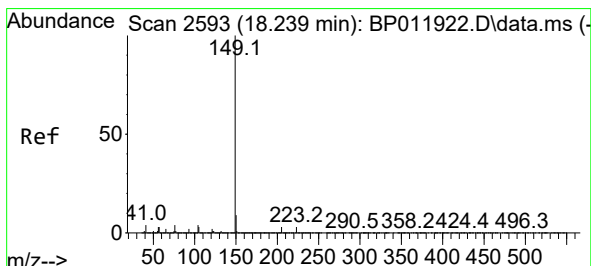
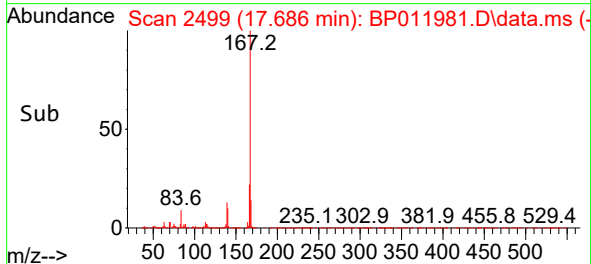
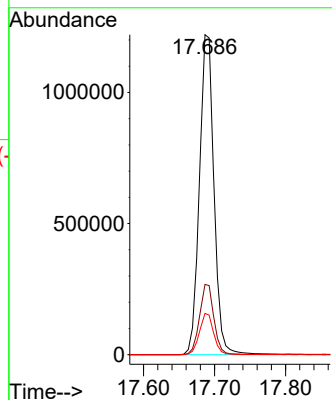
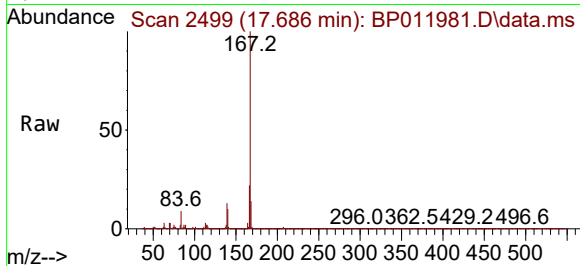




#77
 Carbazole
 Concen: 26.392 ng/ul
 RT: 17.686 min Scan# 2499
 Delta R.T. -0.006 min
 Lab File: BP011981.D
 Acq: 06 Oct 2022 21:28

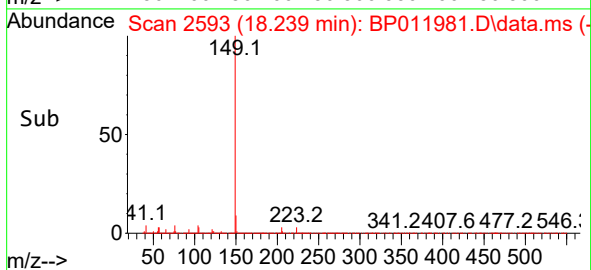
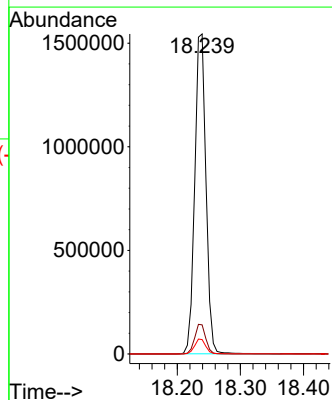
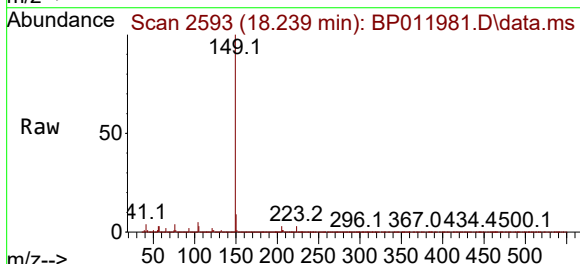
Instrument :
 BNA_P
 ClientSampleId :

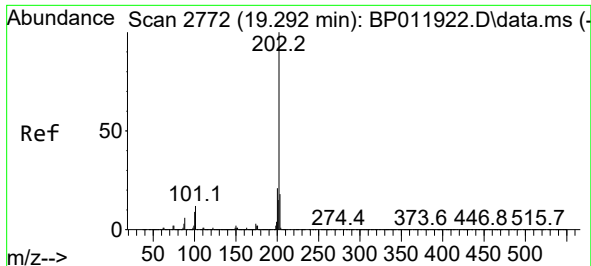
Tgt Ion:167 Resp: 1742673
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 12.9 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 23.496 ng/ul
 RT: 18.239 min Scan# 2593
 Delta R.T. 0.000 min
 Lab File: BP011981.D
 Acq: 06 Oct 2022 21:28

Tgt Ion:149 Resp: 1899935
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.5 3.6 5.4

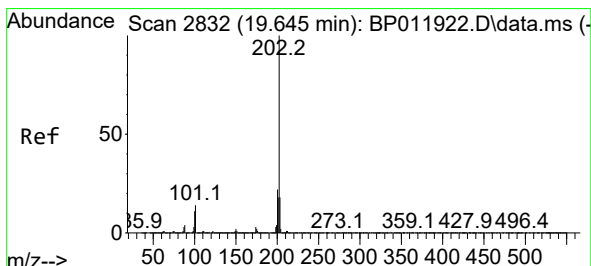
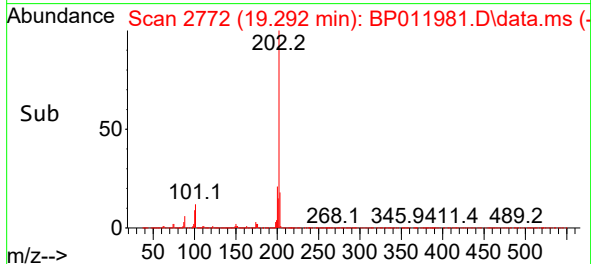
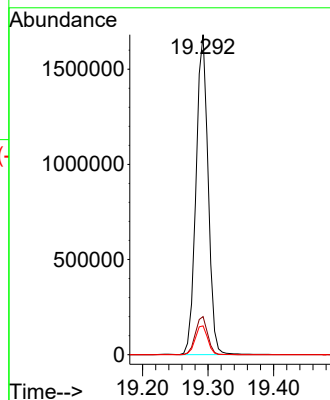
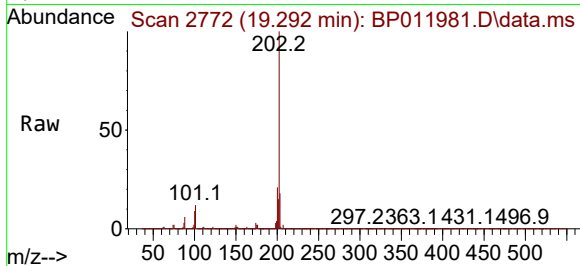




#80
Fluoranthene
Concen: 26.289 ng/ul
RT: 19.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

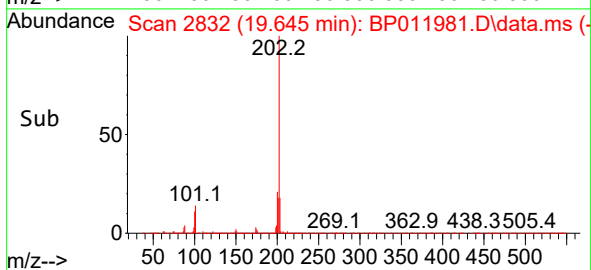
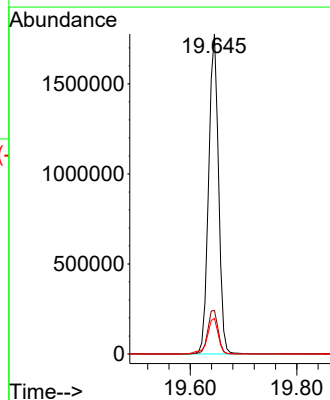
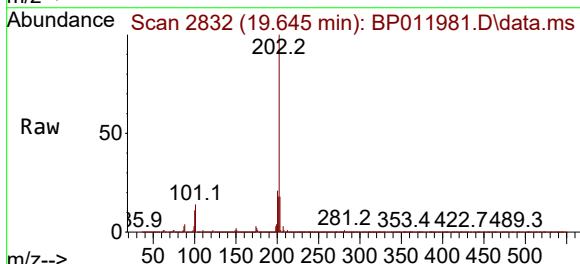
Instrument :
BNA_P
ClientSampleId :

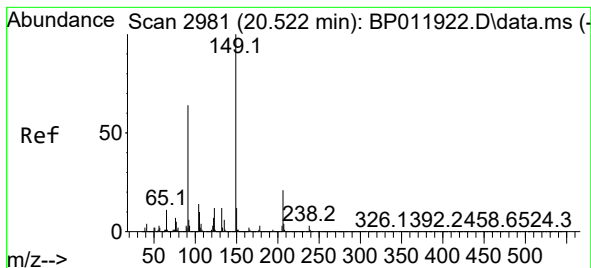
Tgt Ion:202 Resp: 2158137
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
100 9.0 7.4 11.0



#82
Pyrene
Concen: 26.693 ng/ul
RT: 19.645 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:202 Resp: 2281567
Ion Ratio Lower Upper
202 100
101 13.6 11.6 17.4
100 11.1 9.4 14.0





#83

Butylbenzylphthalate

Concen: 23.707 ng/ul

RT: 20.516 min Scan# 2981

Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Instrument :

BNA_P

ClientSampleId :

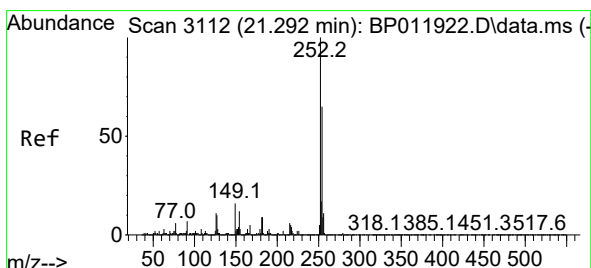
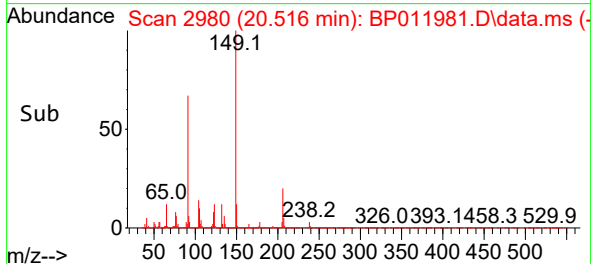
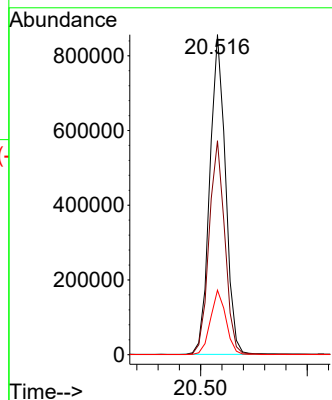
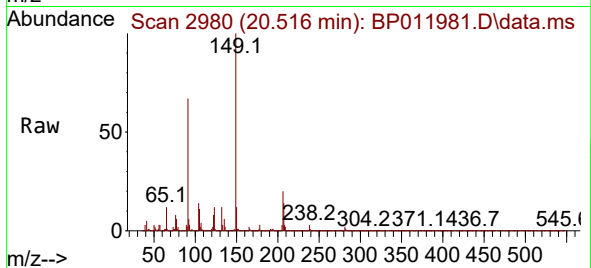
Tgt Ion:149 Resp: 875764

Ion Ratio Lower Upper

149 100

91 66.9 50.2 75.4

206 20.1 16.9 25.3



#84

3,3'-Dichlorobenzidine

Concen: 24.426 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

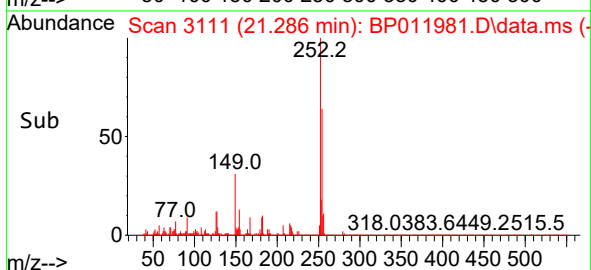
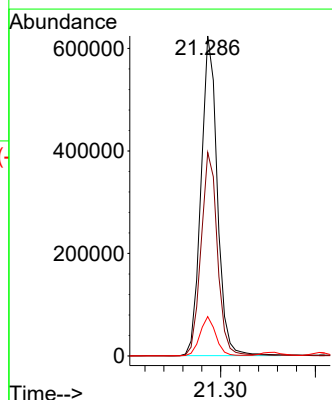
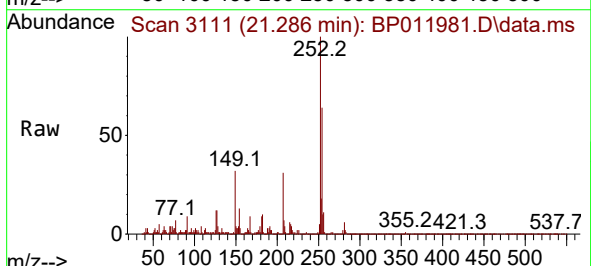
Tgt Ion:252 Resp: 744805

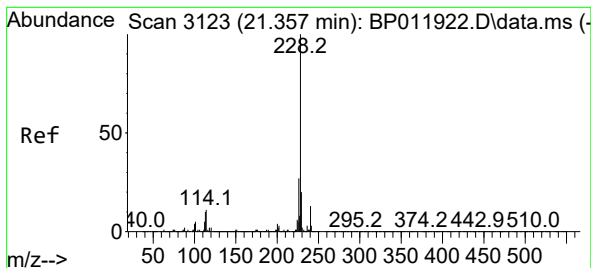
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.0

126 12.3 8.9 13.3





#85

Benzo(a)anthracene

Concen: 26.148 ng/ul

RT: 21.351 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Instrument :

BNA_P

ClientSampleId :

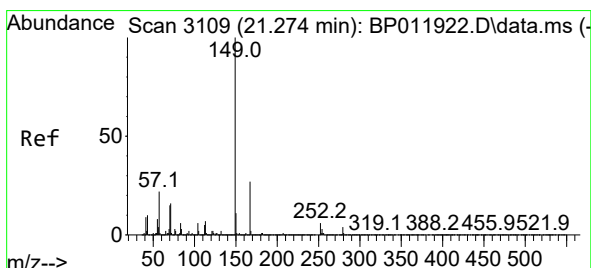
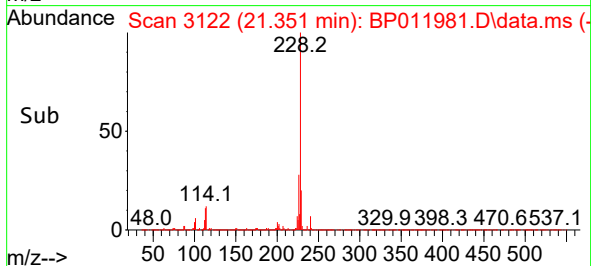
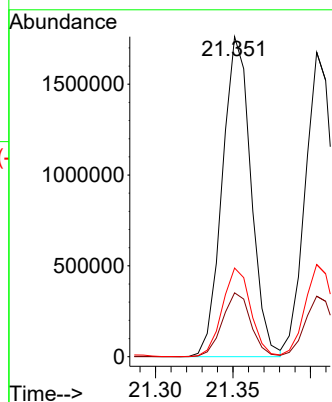
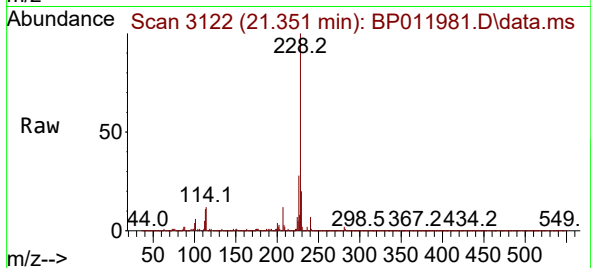
Tgt Ion:228 Resp: 2264837

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

226 27.7 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.673 ng/ul

RT: 21.275 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

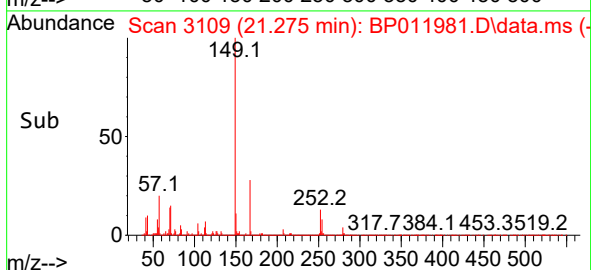
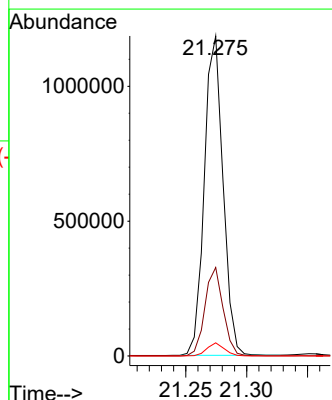
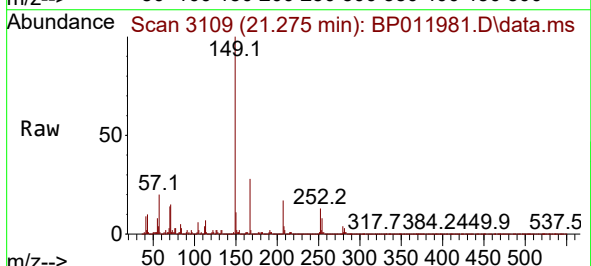
Tgt Ion:149 Resp: 1261616

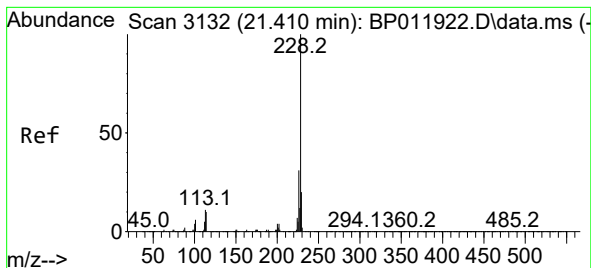
Ion Ratio Lower Upper

149 100

167 27.7 21.2 31.8

279 4.1 2.9 4.3





#87

Chrysene

Concen: 26.185 ng/ul

RT: 21.404 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Instrument :

BNA_P

ClientSampleId :

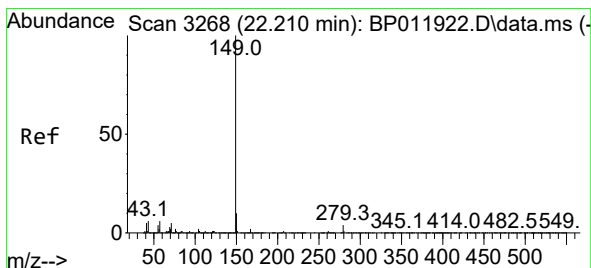
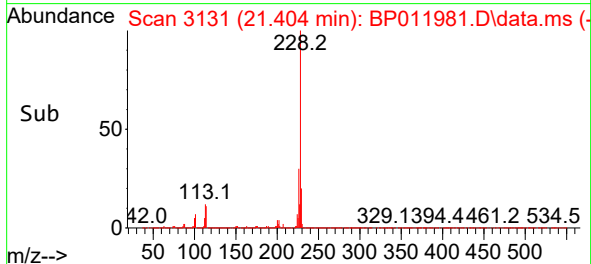
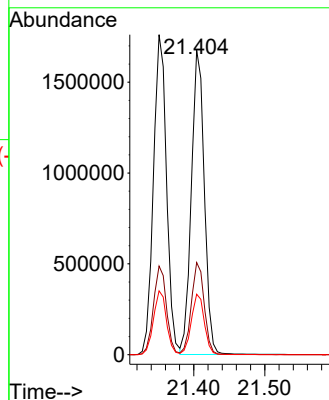
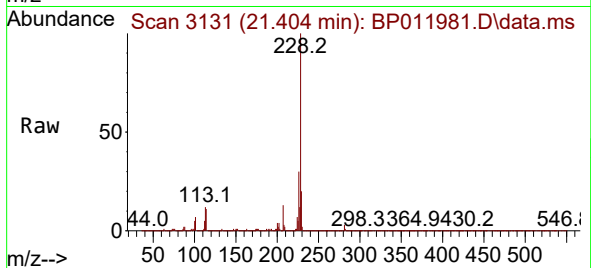
Tgt Ion:228 Resp: 2128499

Ion Ratio Lower Upper

228 100

226 30.3 25.3 37.9

229 19.9 16.2 24.2



#89

Di-n-octyl phthalate

Concen: 24.674 ng/ul

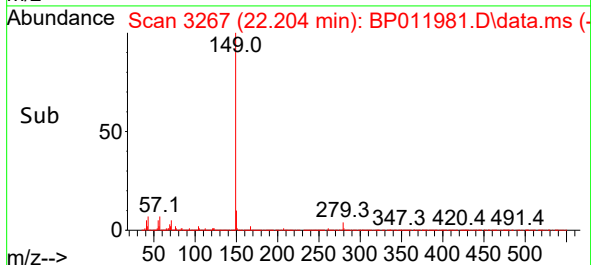
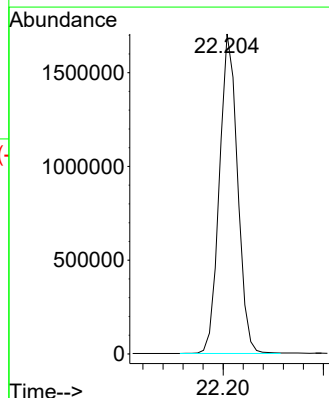
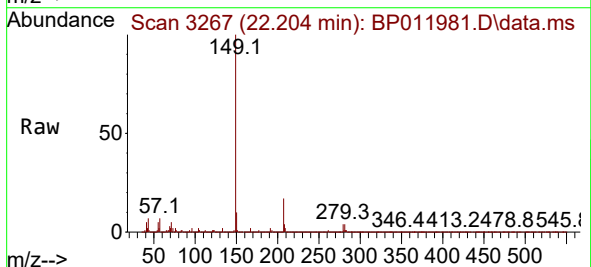
RT: 22.204 min Scan# 3267

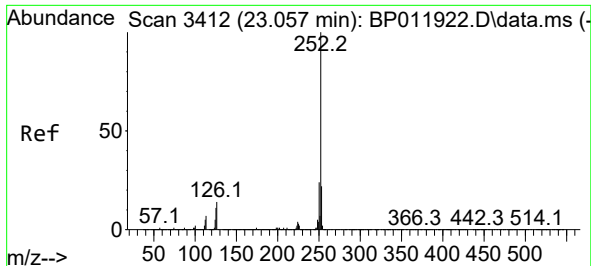
Delta R.T. -0.006 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Tgt Ion:149 Resp: 2136863

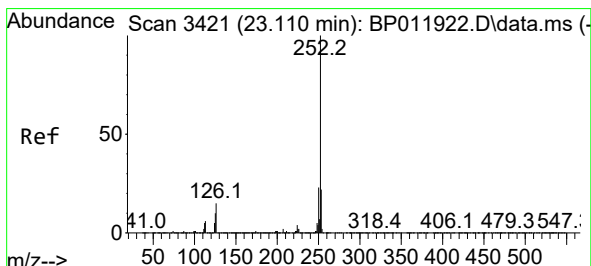
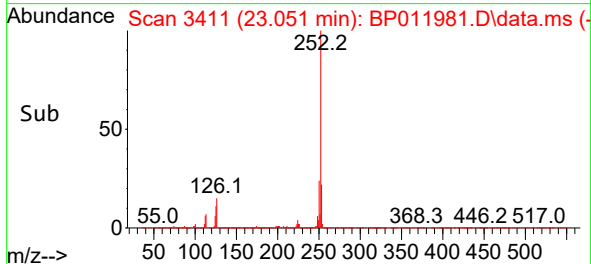
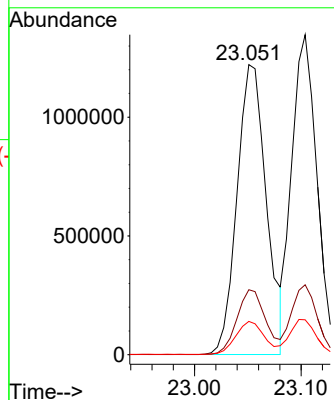
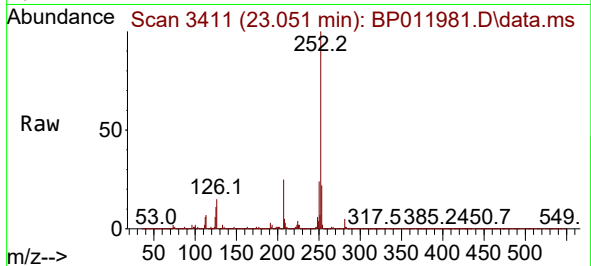




#90
Benzo(b)fluoranthene
Concen: 26.987 ng/ul
RT: 23.051 min Scan# 3412
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

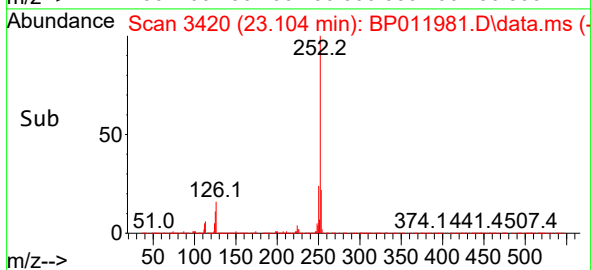
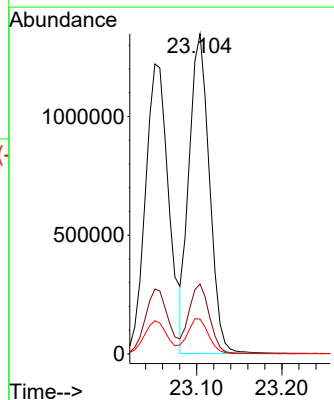
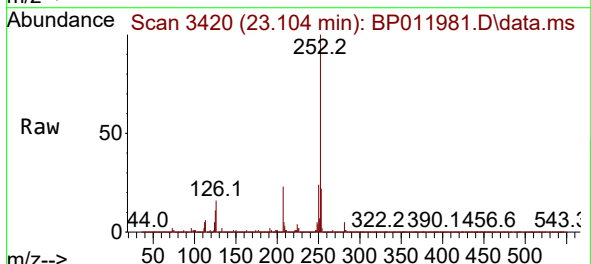
Instrument :
BNA_P
ClientSampleId :

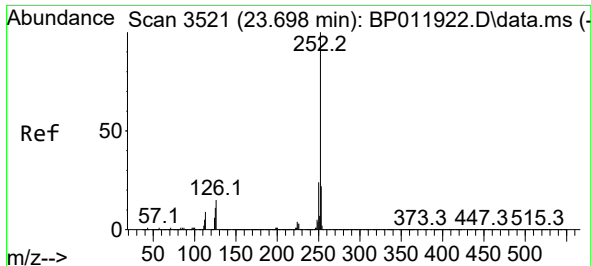
Tgt Ion:252 Resp: 2338112
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.5 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 26.543 ng/ul
RT: 23.104 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

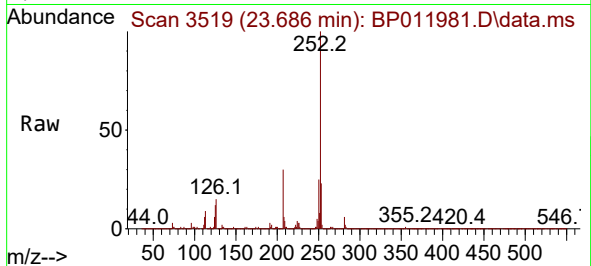
Tgt Ion:252 Resp: 2214513
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.9 9.2 13.8



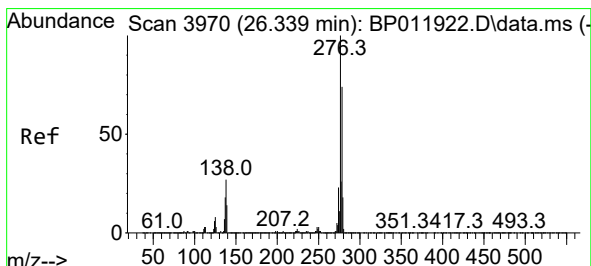
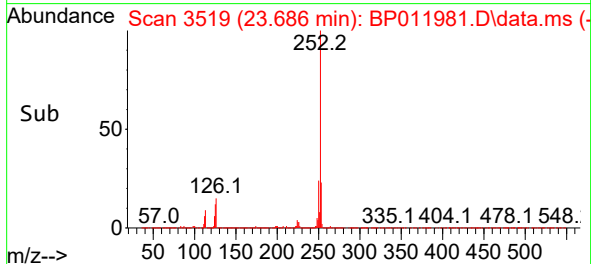
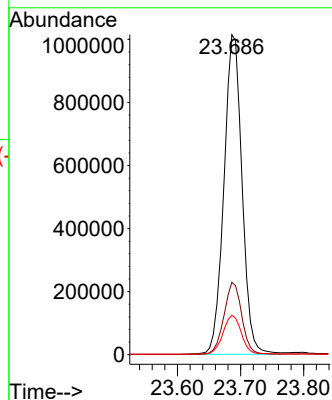


#93
Benzo(a)pyrene
Concen: 26.142 ng/ul
RT: 23.686 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Instrument :
BNA_P
ClientSampleId :

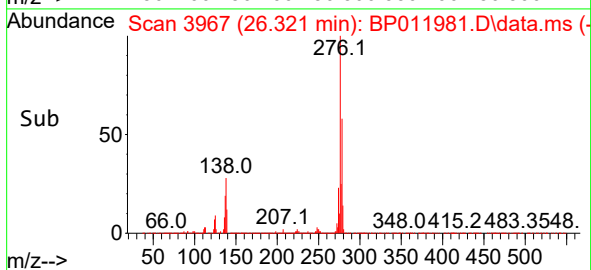
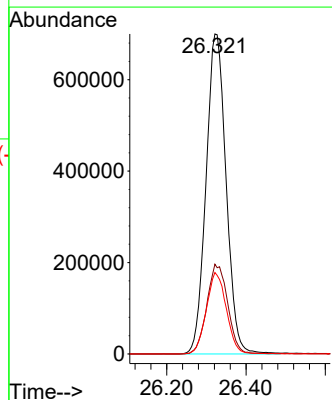
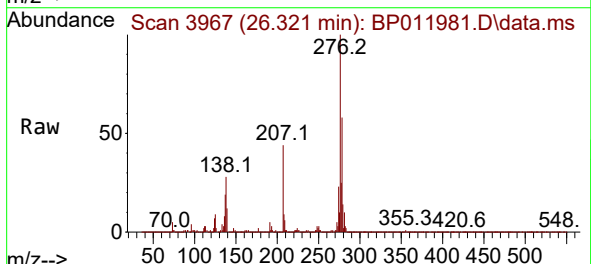


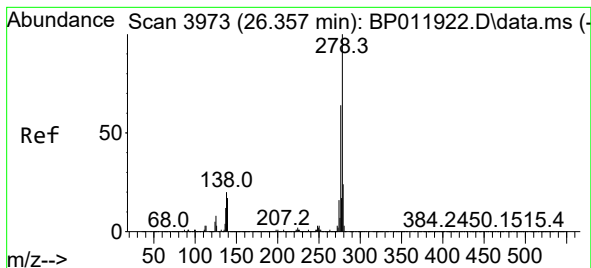
Tgt Ion:252 Resp: 2021263
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 12.3 9.8 14.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 25.012 ng/ul
RT: 26.321 min Scan# 3967
Delta R.T. -0.018 min
Lab File: BP011981.D
Acq: 06 Oct 2022 21:28

Tgt Ion:276 Resp: 2461500
Ion Ratio Lower Upper
276 100
138 28.1 21.4 32.0
277 25.4 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 25.473 ng/ul

RT: 26.345 min Scan# 3973

Delta R.T. -0.012 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Instrument :

BNA_P

ClientSampleId :

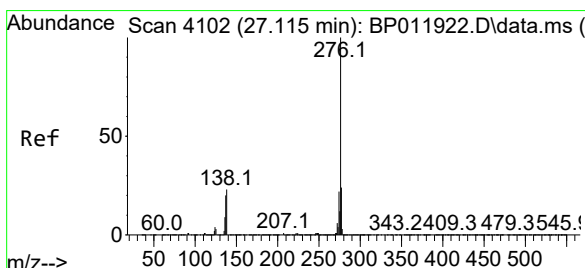
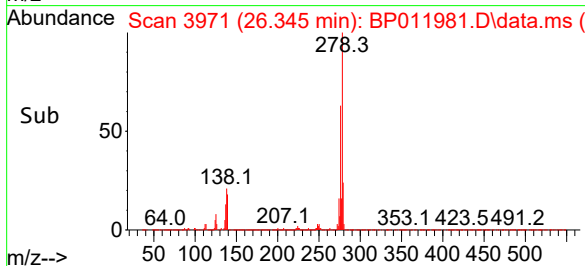
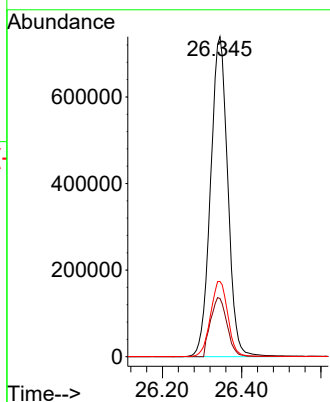
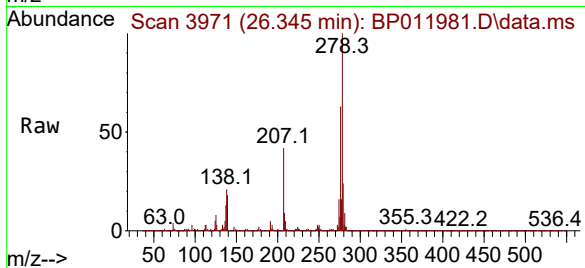
Tgt Ion:278 Resp: 2226958

Ion Ratio Lower Upper

278 100

139 18.2 15.0 22.6

279 23.5 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 25.026 ng/ul

RT: 27.104 min Scan# 4100

Delta R.T. -0.012 min

Lab File: BP011981.D

Acq: 06 Oct 2022 21:28

Tgt Ion:276 Resp: 2183443

Ion Ratio Lower Upper

276 100

138 23.8 19.8 29.6

277 24.0 18.6 27.8

