

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP011971.D
 Acq On : 06 Oct 2022 15:40
 Operator : CG/JU
 Sample : PB148128BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 06 23:06:28 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	226684	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	906860	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	508950	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	1045651	20.000	ng/ul	0.00
79) Chrysene-d12	21.375	240	1144181	20.000	ng/ul	0.00
88) Perylene-d12	23.804	264	1200307	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	37020	7.203	ng/uL	0.00
4) Pyridine-d5	3.717	84	473592	31.457	ng/ul	0.00
7) Phenol-d5	7.046	99	635118	32.454	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	354040	32.638	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	530234	34.323	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	489004	30.228	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	249446	36.113	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	267086	36.141	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	486335	35.579	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	609273	29.237	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	1237517	34.002	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	1516218	36.544	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	268242	35.591	ng/ul	0.00
60) Fluorene-d10	15.522	176	1106415	35.005	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	215391	34.032	ng/ul	0.00
73) Anthracene-d10	17.386	188	1737111	36.470	ng/ul	0.00
81) Pyrene-d10	19.622	212	2086397	36.006	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	2245123	37.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	75644	13.626	ng/uL	95
5) Pyridine	3.740	79	473668	32.416	ng/ul	96
6) Benzaldehyde	7.016	77	376525	43.922	ng/ul	97
8) Phenol	7.075	94	622697	30.678	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.305	93	497572	30.808	ng/ul	99
12) 2-Chlorophenol	7.440	128	533790	32.320	ng/ul	98
13) 2-Methylphenol	8.328	108	470405	29.416	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.410	45	479736	30.130	ng/ul	99
16) Acetophenone	8.710	105	723024	29.314	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.693	70	322763	27.804	ng/ul	98
18) 4-Methylphenol	8.658	108	505007	28.662	ng/ul	99
19) Hexachloroethane	8.958	117	208010	33.769	ng/ul	98
22) Nitrobenzene	9.087	77	513856	34.590	ng/ul	98
23) Isophorone	9.616	82	922667	30.617	ng/ul	99
25) 2-Nitrophenol	9.799	139	283818	33.626	ng/ul	98
26) 2,4-Dimethylphenol	9.863	107	507369	31.999	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.099	93	618868	31.830	ng/ul	98
29) 2,4-Dichlorophenol	10.334	162	468112	33.050	ng/ul	99
30) Naphthalene	10.740	128	1615543	33.168	ng/ul	100
32) 4-Chloroaniline	10.852	127	595902	27.951	ng/ul	98
33) Hexachlorobutadiene	11.022	225	286185	34.137	ng/ul	96
34) Caprolactam	11.646	113	134469	26.825	ng/ul	93
35) 4-Chloro-3-methylphenol	11.981	107	455793	30.351	ng/ul	99
36) 2-Methylnaphthalene	12.346	142	1040554	30.590	ng/ul	99

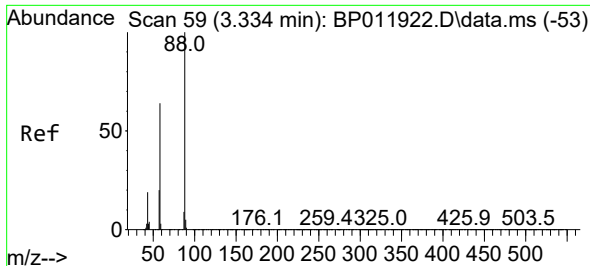
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1041832	30.523	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.716	216	534037	36.182	ng/ul	99
40) Hexachlorocyclopentadiene	12.693	237	263757	31.281	ng/ul	99
41) 2,4,6-Trichlorophenol	12.957	196	347360	35.158	ng/ul	97
42) 2,4,5-Trichlorophenol	13.028	196	376630	34.995	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1331734	35.376	ng/ul	100
44) 2-Chloronaphthalene	13.398	162	1059304	35.592	ng/ul	99
45) 2-Nitroaniline	13.610	65	259208	35.679	ng/ul	99
47) Dimethylphthalate	13.987	163	1229118	32.224	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	249104	33.511	ng/ul	99
50) Acenaphthylene	14.245	152	1613673	35.019	ng/ul	100
51) 3-Nitroaniline	14.440	138	280337	32.537	ng/ul	98
52) Acenaphthene	14.593	153	1113271	34.243	ng/ul	99
53) 2,4-Dinitrophenol	14.640	184	146740	29.117	ng/ul	98
55) 4-Nitrophenol	14.745	109	174372	34.273	ng/ul	98
56) Dibenzofuran	14.928	168	1521251	34.163	ng/ul	97
57) 2,4-Dinitrotoluene	14.893	165	364893	33.583	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.151	232	314562	33.645	ng/ul	99
59) Diethylphthalate	15.351	149	1206308	31.569	ng/ul	100
61) Fluorene	15.575	166	1235678	33.881	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.569	204	597690	33.104	ng/ul	99
63) 4-Nitroaniline	15.604	138	314834	38.293	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.657	198	220512	32.888	ng/ul	99
67) N-Nitrosodiphenylamine	15.787	169	1049897	34.037	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	352563	33.148	ng/ul	98
69) Hexachlorobenzene	16.581	284	410132	33.886	ng/ul	97
70) Atrazine	16.745	200	367501	33.020	ng/ul	100
71) Pentachlorophenol	16.934	266	271014	34.045	ng/ul	99
72) Phenanthrene	17.328	178	2002051	34.839	ng/ul	100
74) Anthracene	17.416	178	2022769	34.985	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.322	216	552443	38.277	ng/uL	98
76) Pentachlorobenzene	14.845	250	499231	32.371	ng/uL	97
77) Carbazole	17.692	167	1916070	36.678	ng/ul	100
78) Di-n-butylphthalate	18.239	149	2109386	32.973	ng/ul	99
80) Fluoranthene	19.292	202	2412625	34.021	ng/ul	99
82) Pyrene	19.645	202	2531643	34.288	ng/ul	99
83) Butylbenzylphthalate	20.522	149	1053833	33.024	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.292	252	904376	34.334	ng/ul	100
85) Benzo(a)anthracene	21.357	228	2578855	34.466	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.275	149	1541254	32.064	ng/ul	99
87) Chrysene	21.410	228	2456135	34.978	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	2684649	35.057	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	2765461	36.097	ng/ul	100
91) Benzo(k)fluoranthene	23.110	252	2617978	35.486	ng/ul	99
93) Benzo(a)pyrene	23.692	252	2433783	35.597	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.333	276	3164441	36.363	ng/ul	99
95) Dibenzo(a,h)anthracene	26.357	278	2713388	35.099	ng/ul	99
96) Benzo(g,h,i)perylene	27.121	276	2655666	34.422	ng/ul	98

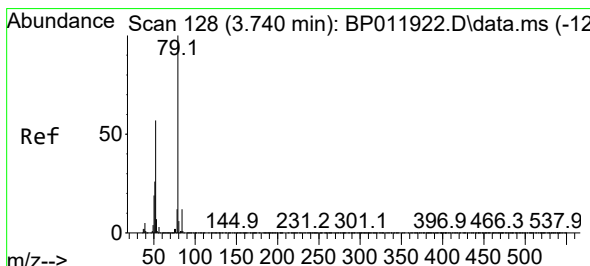
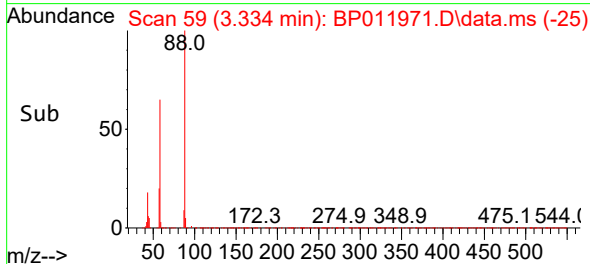
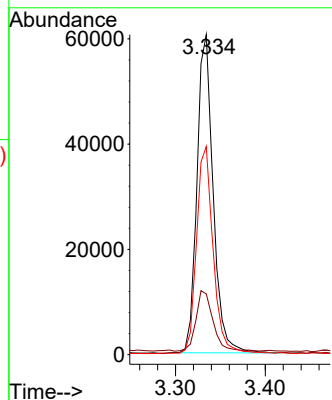
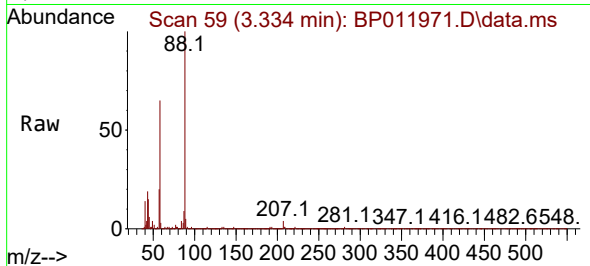
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#2
 1,4-Dioxane
 Concen: 13.626 ng/uL
 RT: 3.334 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BP011971.D
 Acq: 06 Oct 2022 15:40

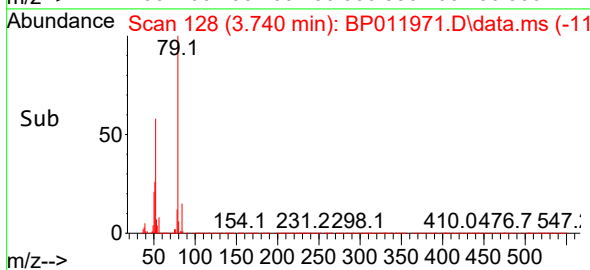
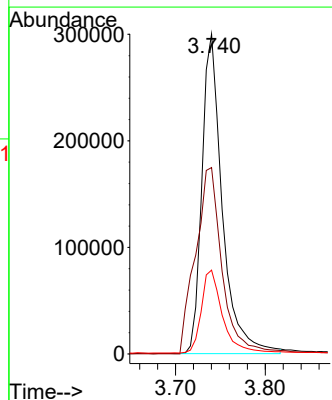
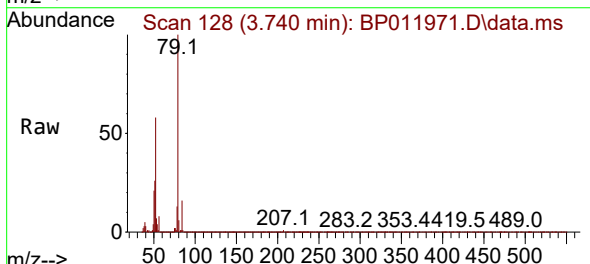
Instrument :
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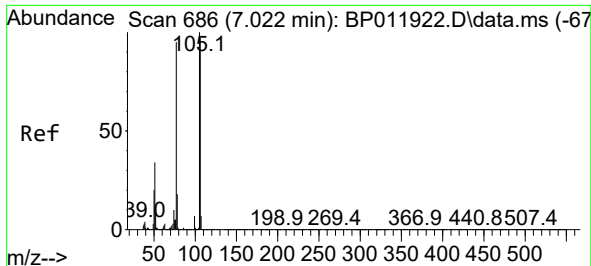
Tgt Ion: 88 Resp: 75644
 Ion Ratio Lower Upper
 88 100
 43 19.0 15.6 23.4
 58 65.1 48.6 72.8



#5
 Pyridine
 Concen: 32.416 ng/uL
 RT: 3.740 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: BP011971.D
 Acq: 06 Oct 2022 15:40

Tgt Ion: 79 Resp: 473668
 Ion Ratio Lower Upper
 79 100
 52 58.2 49.7 74.5
 51 26.2 21.6 32.4

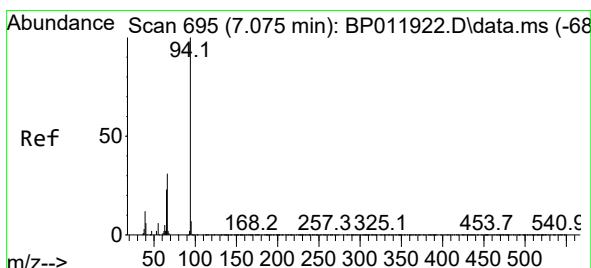
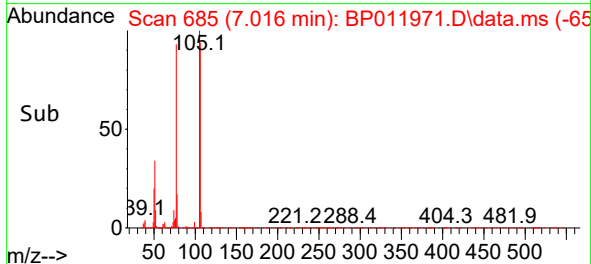
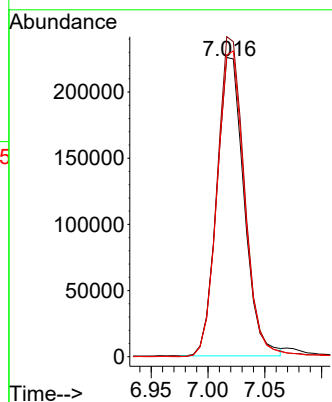
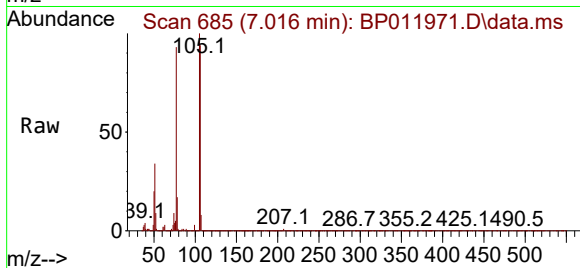




#6
Benzaldehyde
Concen: 43.922 ng/ul
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

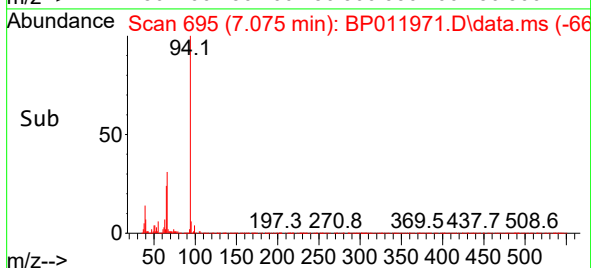
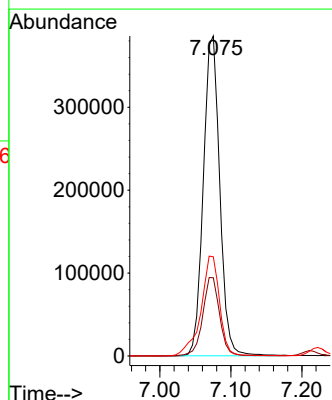
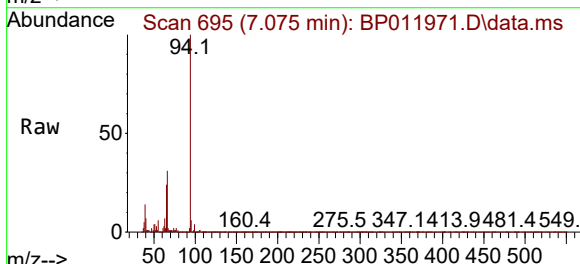
Instrument :
BNA_P
ClientSampleId :

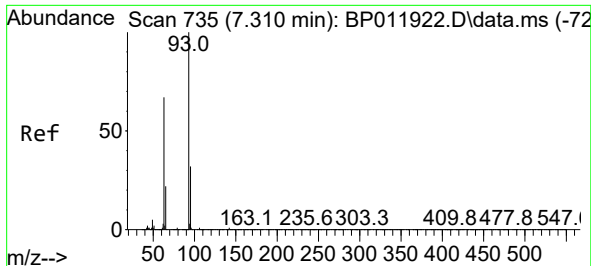
Tgt Ion: 77 Resp: 376525
Ion Ratio Lower Upper
77 100
105 107.0 87.0 130.6
106 100.8 83.8 125.6



#8
Phenol
Concen: 30.678 ng/ul
RT: 7.075 min Scan# 695
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

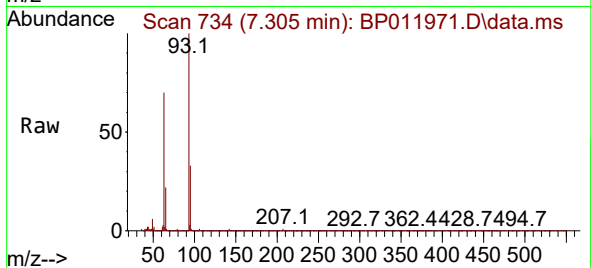
Tgt Ion: 94 Resp: 622697
Ion Ratio Lower Upper
94 100
65 24.4 19.5 29.3
66 31.0 25.0 37.4





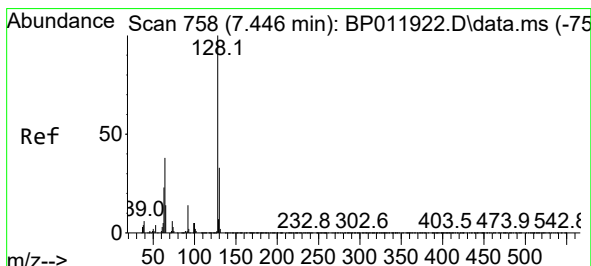
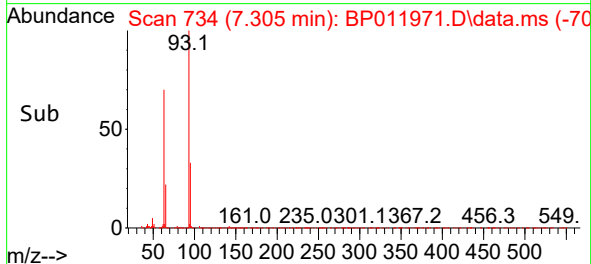
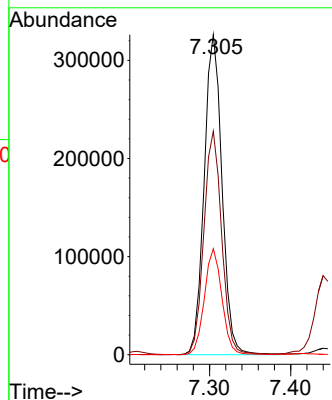
#10
 Bis(2-Chloroethyl)ether
 Concen: 30.808 ng/ul
 RT: 7.305 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP011971.D
 Acq: 06 Oct 2022 15:40

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 497572

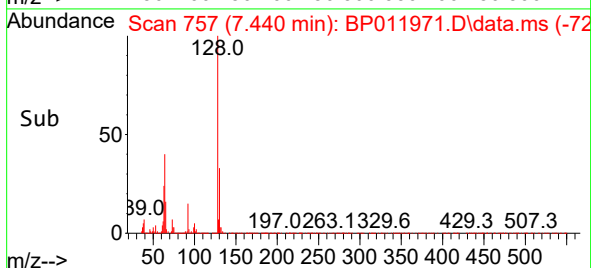
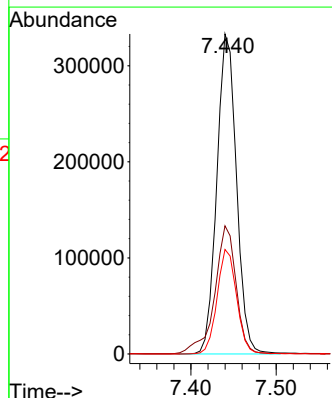
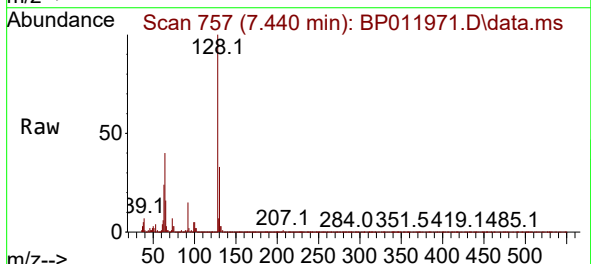
Ion	Ratio	Lower	Upper
93	100		
63	69.9	56.2	84.4
95	33.1	25.9	38.9

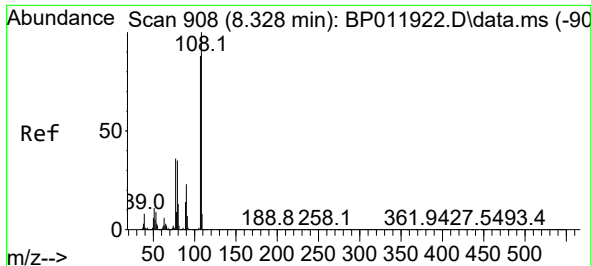


#12
 2-Chlorophenol
 Concen: 32.320 ng/ul
 RT: 7.440 min Scan# 757
 Delta R.T. -0.006 min
 Lab File: BP011971.D
 Acq: 06 Oct 2022 15:40

Tgt Ion:128 Resp: 533790

Ion	Ratio	Lower	Upper
128	100		
64	40.1	31.1	46.7
130	32.7	25.5	38.3





#13

2-Methylphenol

Concen: 29.416 ng/ul

RT: 8.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Instrument :

BNA_P

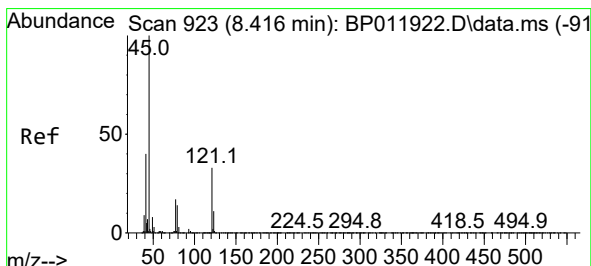
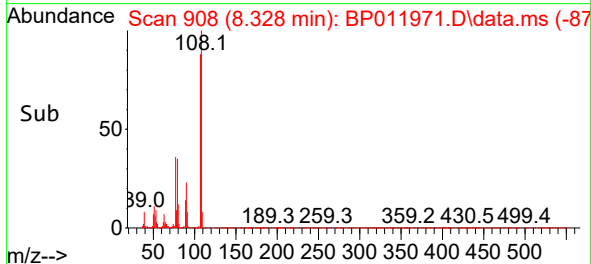
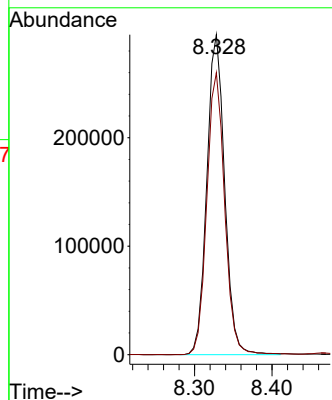
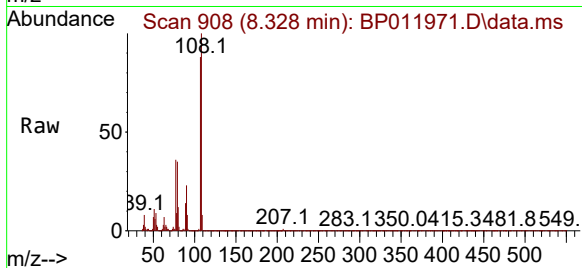
ClientSampleId :

Tgt Ion:108 Resp: 470405

Ion Ratio Lower Upper

108 100

107 88.1 70.2 105.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.130 ng/ul

RT: 8.410 min Scan# 922

Delta R.T. -0.006 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

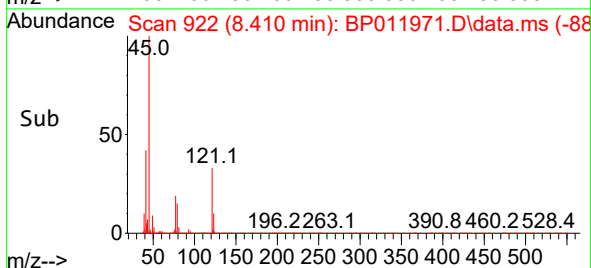
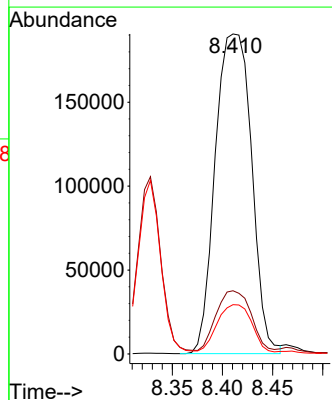
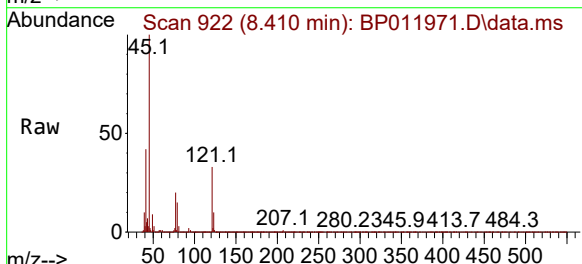
Tgt Ion: 45 Resp: 479736

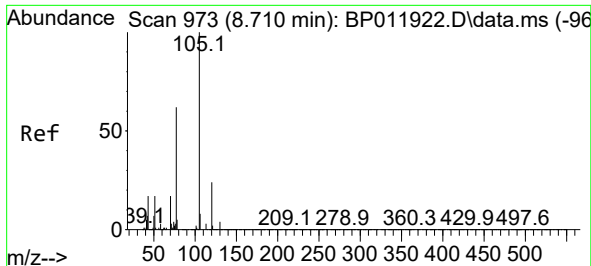
Ion Ratio Lower Upper

45 100

77 19.7 16.0 24.0

79 15.4 12.5 18.7

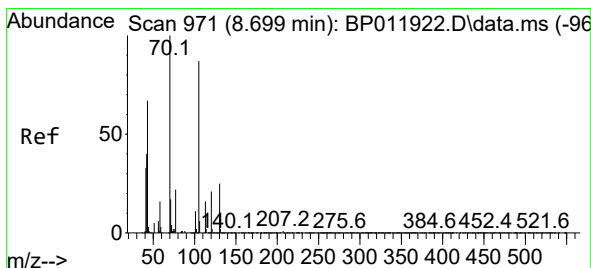
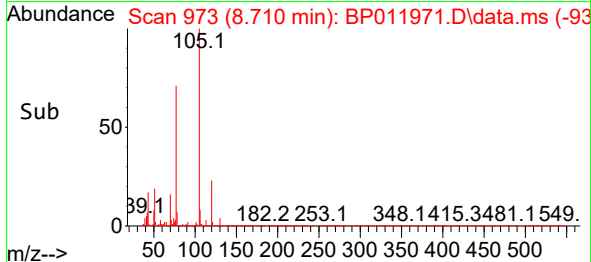
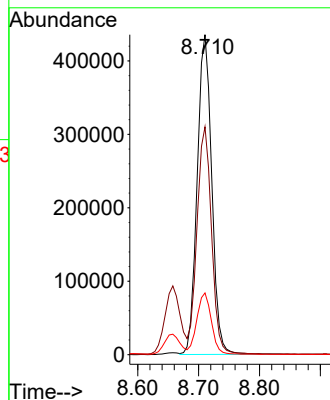
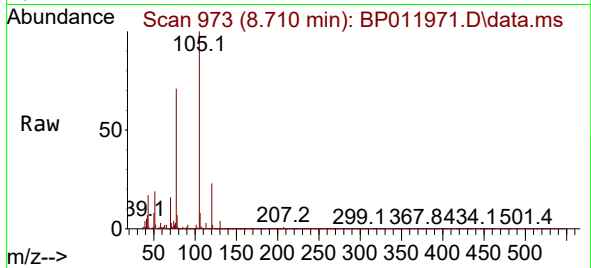




#16
Acetophenone
Concen: 29.314 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

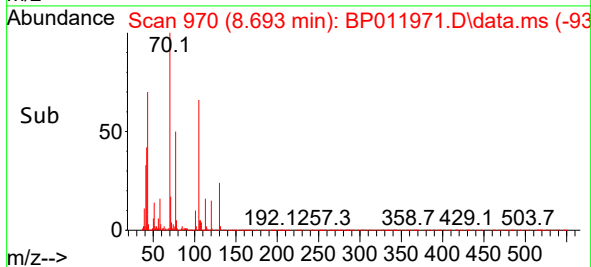
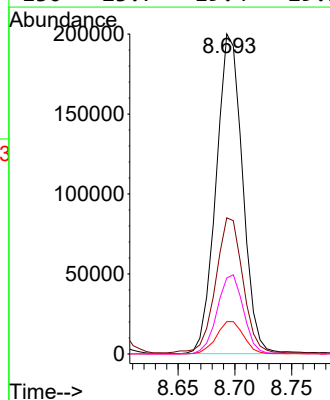
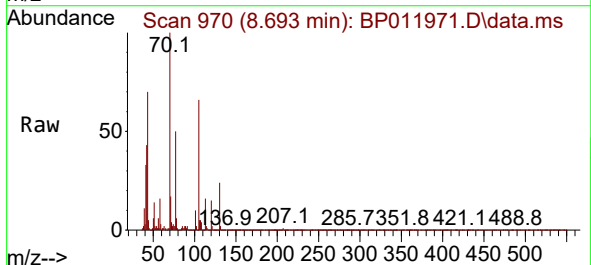
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BNA_P
ClientSampleId :

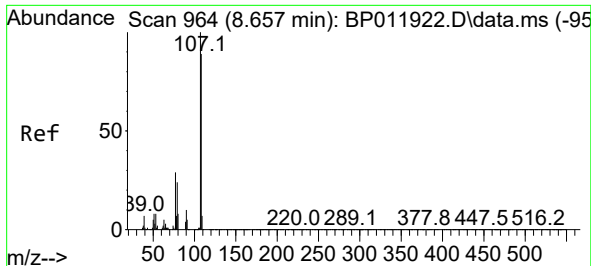
Tgt Ion:105 Resp: 723024
Ion Ratio Lower Upper
105 100
77 71.2 55.4 83.0
51 19.3 15.2 22.8



#17
N-Nitroso-di-n-propylamine
Concen: 27.804 ng/ul
RT: 8.693 min Scan# 970
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion: 70 Resp: 322763
Ion Ratio Lower Upper
70 100
42 42.6 32.7 49.1
101 10.1 8.4 12.6
130 23.7 19.4 29.2

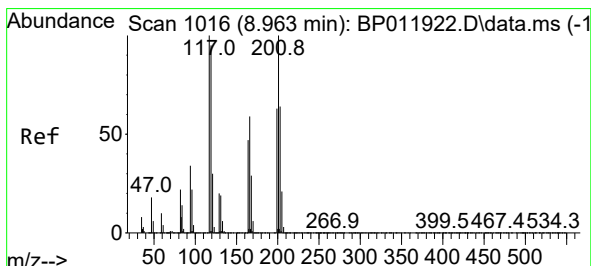
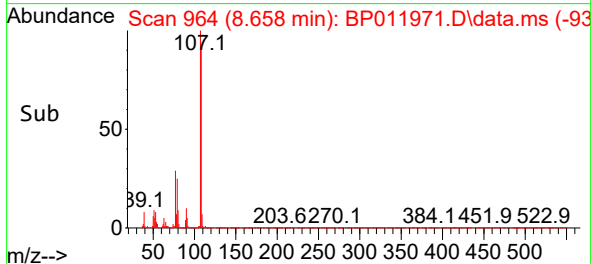
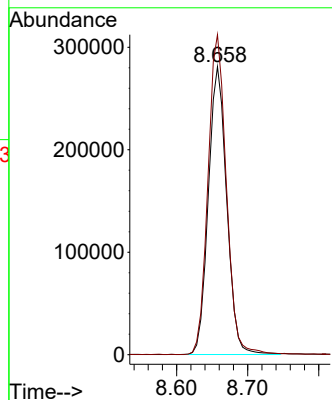
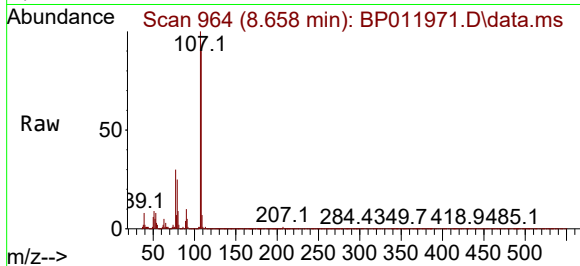




#18
4-Methylphenol
Concen: 28.662 ng/ul
RT: 8.658 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

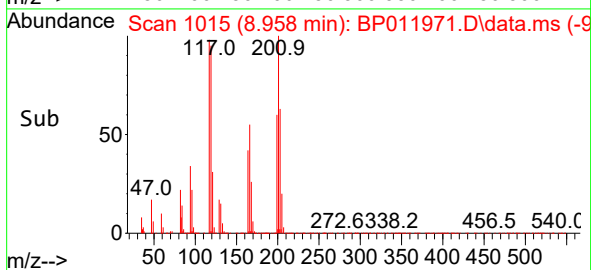
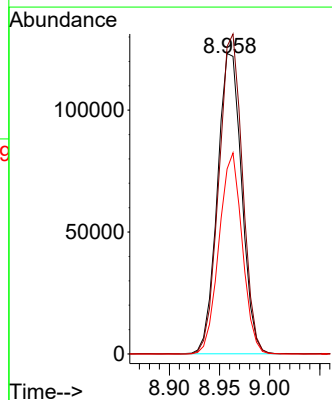
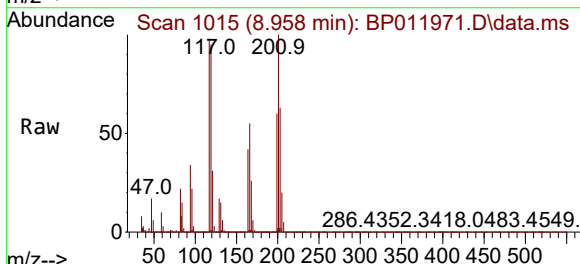
Instrument :
BNA_P
ClientSampleId :

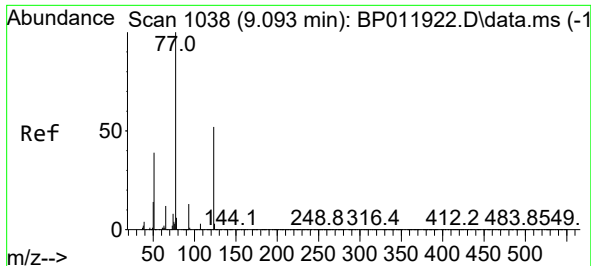
Tgt Ion:108 Resp: 505007
Ion Ratio Lower Upper
108 100
107 111.1 88.0 132.0



#19
Hexachloroethane
Concen: 33.769 ng/ul
RT: 8.958 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:117 Resp: 208010
Ion Ratio Lower Upper
117 100
201 102.3 82.4 123.6
199 61.6 51.6 77.4

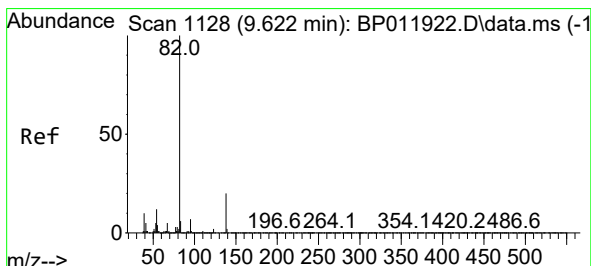
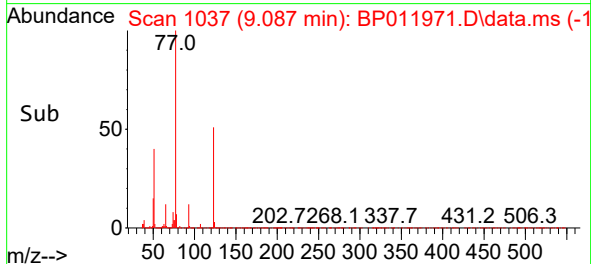
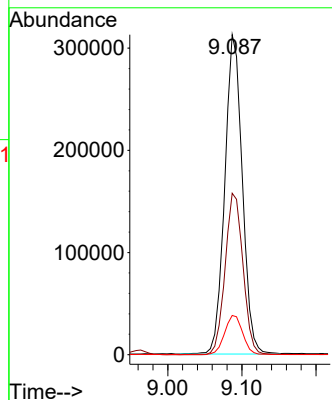
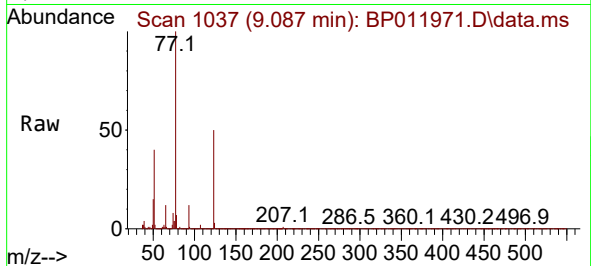




#22
Nitrobenzene
Concen: 34.590 ng/ul
RT: 9.087 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

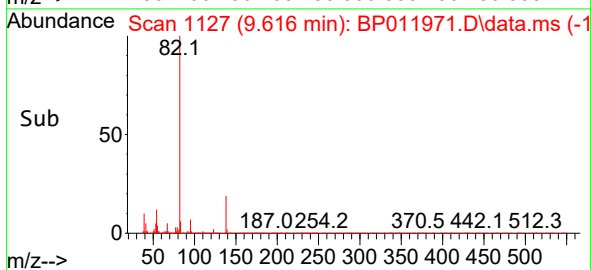
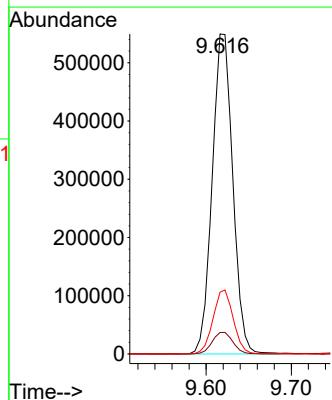
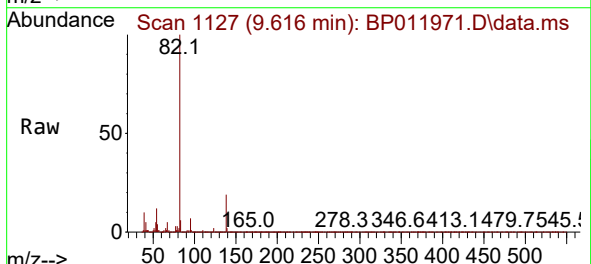
Instrument :
BNA_P
ClientSampleId :

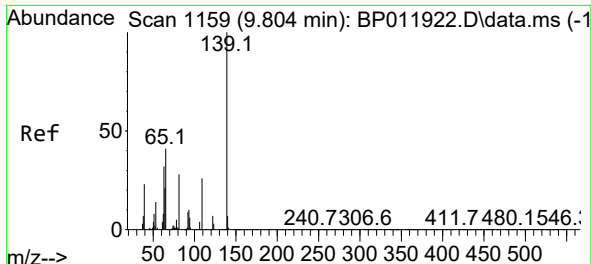
Tgt Ion: 77 Resp: 513856
Ion Ratio Lower Upper
77 100
123 50.4 41.6 62.4
65 12.2 9.7 14.5



#23
Isophorone
Concen: 30.617 ng/ul
RT: 9.616 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion: 82 Resp: 922667
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 19.3 15.8 23.8

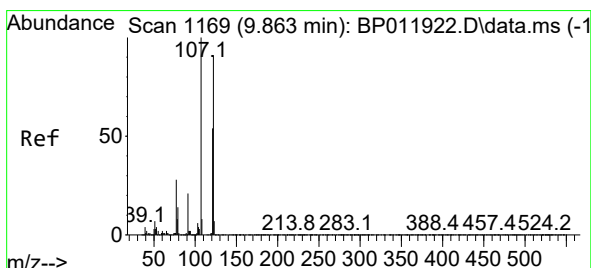
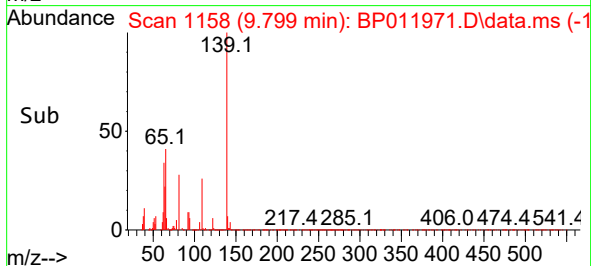
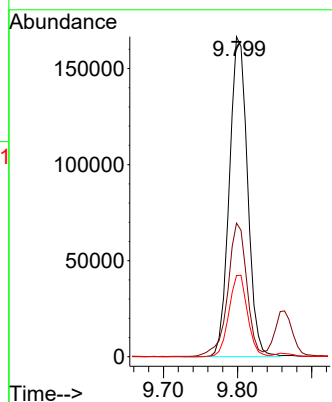
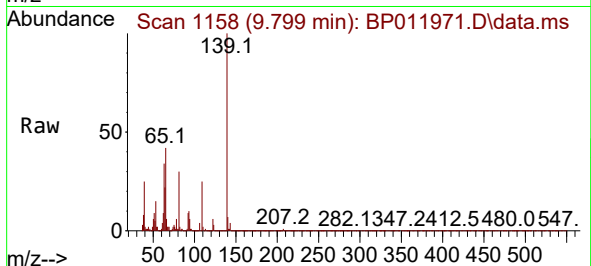




#25
2-Nitrophenol
Concen: 33.626 ng/ul
RT: 9.799 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

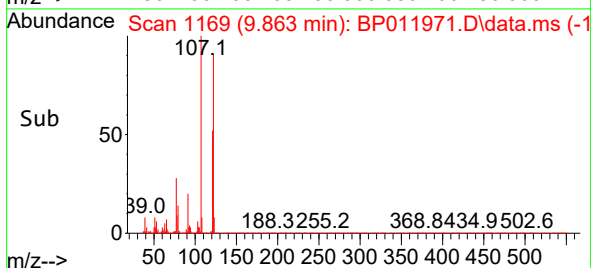
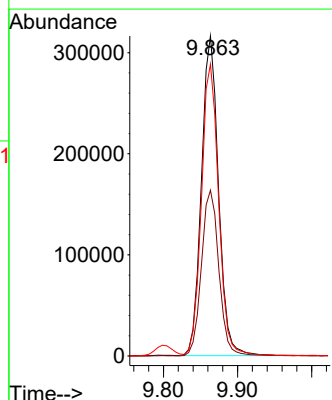
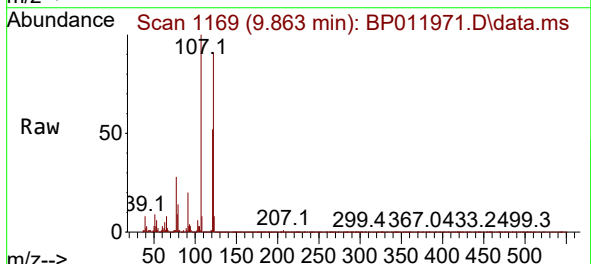
Instrument :
BNA_P
ClientSampleId :

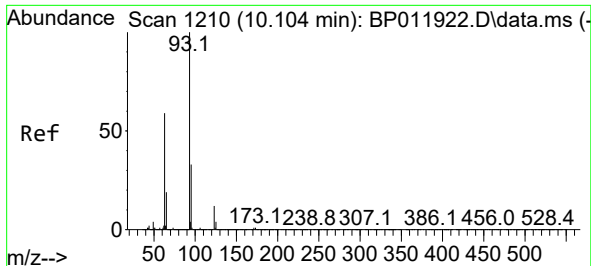
Tgt Ion:139 Resp: 283818
Ion Ratio Lower Upper
139 100
65 41.7 32.2 48.4
109 25.3 19.6 29.4



#26
2,4-Dimethylphenol
Concen: 31.999 ng/ul
RT: 9.863 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:107 Resp: 507369
Ion Ratio Lower Upper
107 100
121 51.8 43.0 64.6
122 91.2 74.9 112.3

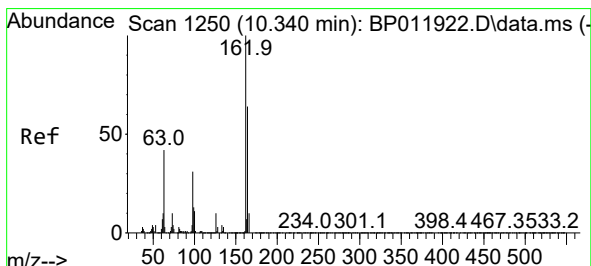
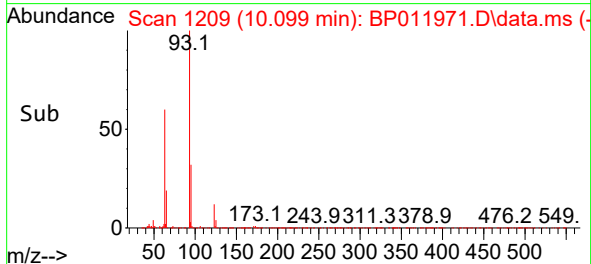
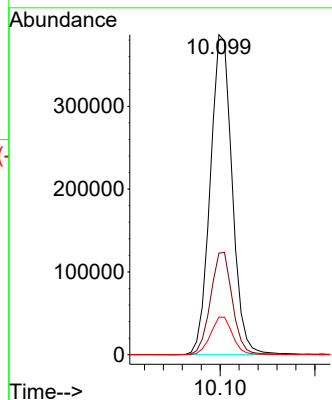
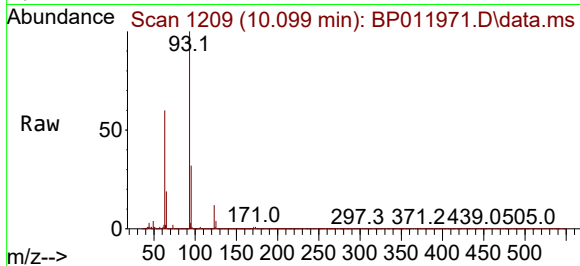




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.830 ng/ul
 RT: 10.099 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BP011971.D
 Acq: 06 Oct 2022 15:40

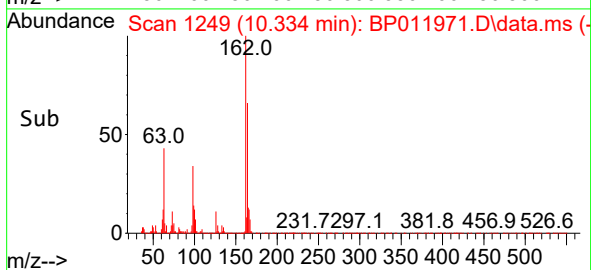
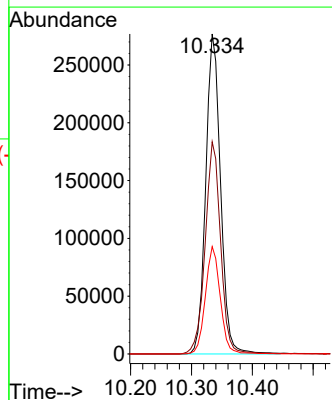
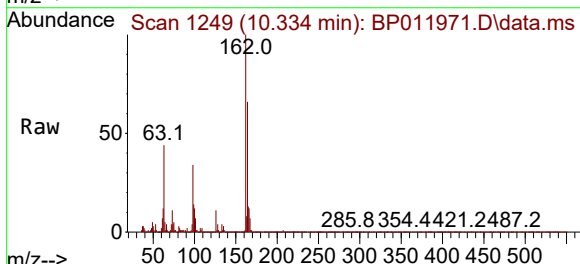
Instrument :
 BNA_P
 ClientSampleId :

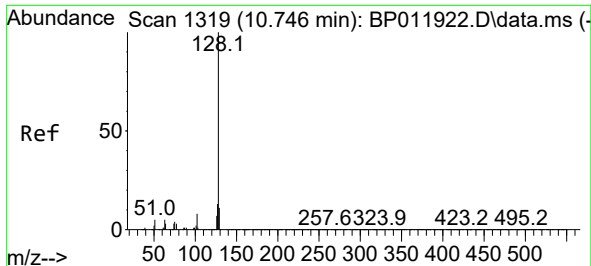
Tgt Ion: 93 Resp: 618868
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.3 39.5
 123 11.7 9.5 14.3



#29
 2,4-Dichlorophenol
 Concen: 33.050 ng/ul
 RT: 10.334 min Scan# 1249
 Delta R.T. -0.006 min
 Lab File: BP011971.D
 Acq: 06 Oct 2022 15:40

Tgt Ion: 162 Resp: 468112
 Ion Ratio Lower Upper
 162 100
 164 66.3 52.2 78.4
 98 33.6 27.0 40.4

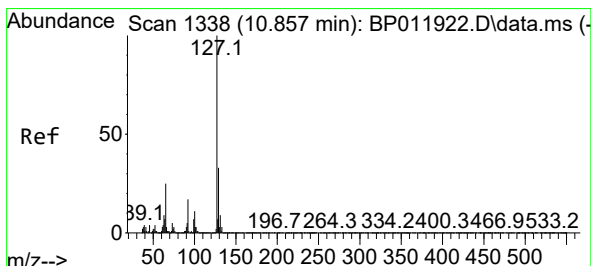
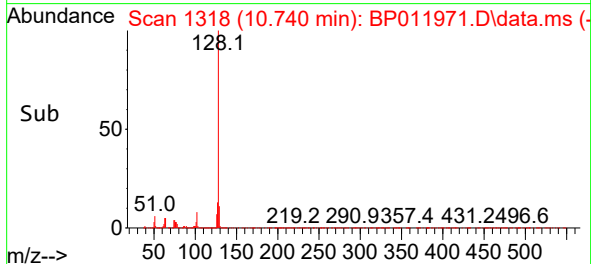
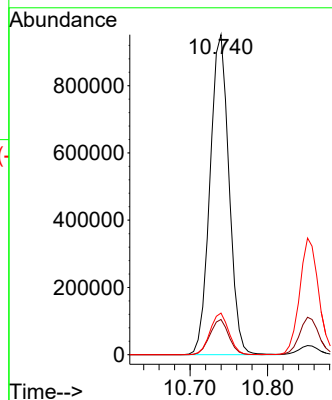
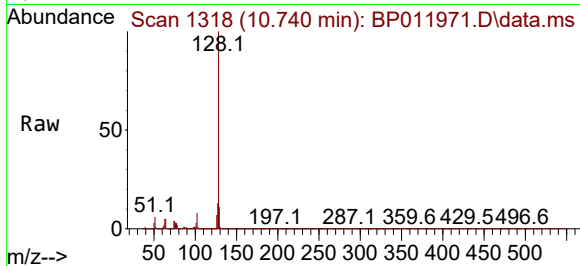




#30
Naphthalene
Concen: 33.168 ng/ul
RT: 10.740 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

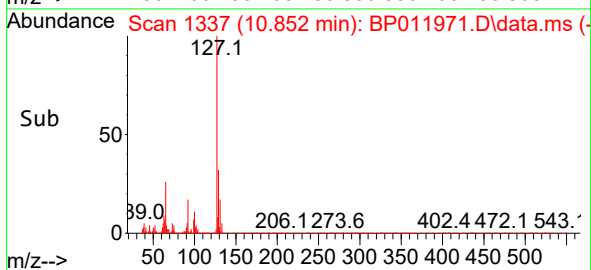
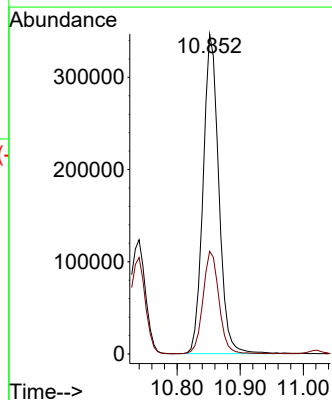
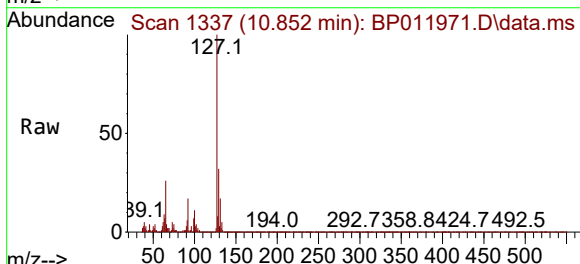
Instrument :
BNA_P
ClientSampleId :

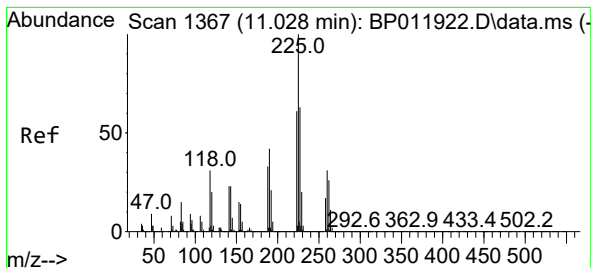
Tgt Ion:128 Resp: 1615543
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.5 15.7



#32
4-Chloroaniline
Concen: 27.951 ng/ul
RT: 10.852 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:127 Resp: 595902
Ion Ratio Lower Upper
127 100
129 32.0 26.6 39.8





#33

Hexachlorobutadiene

Concen: 34.137 ng/ul

RT: 11.022 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Instrument :

BNA_P

ClientSampleId :

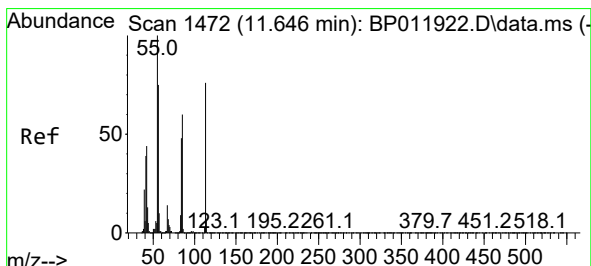
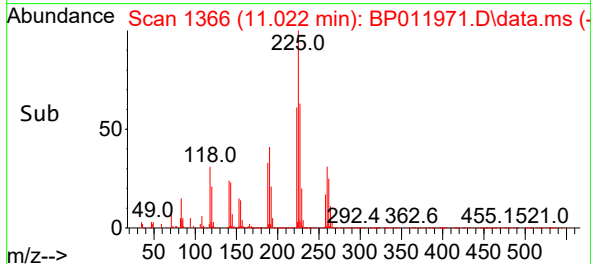
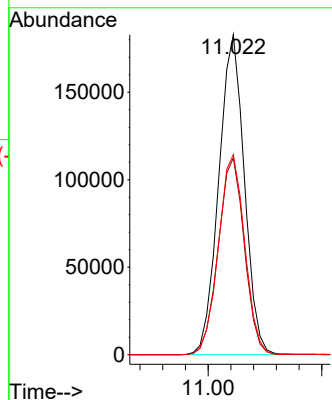
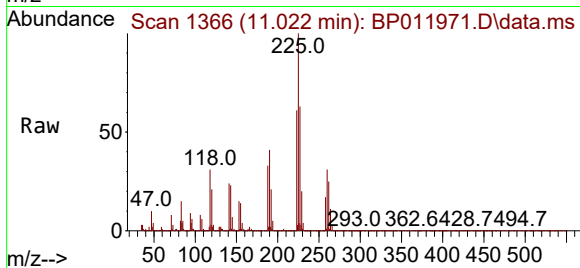
Tgt Ion:225 Resp: 286185

Ion Ratio Lower Upper

225 100

223 61.5 52.1 78.1

227 62.6 52.3 78.5



#34

Caprolactam

Concen: 26.825 ng/ul

RT: 11.646 min Scan# 1472

Delta R.T. 0.000 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

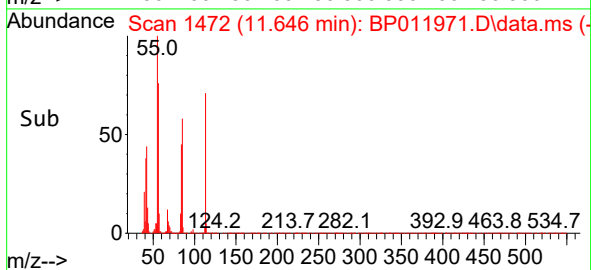
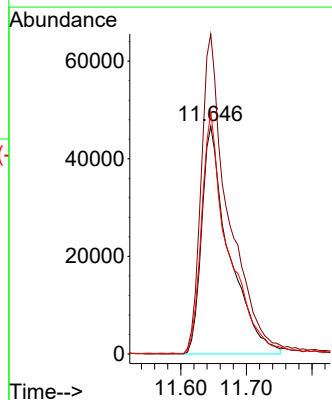
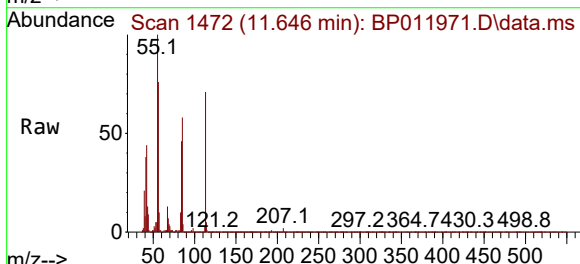
Tgt Ion:113 Resp: 134469

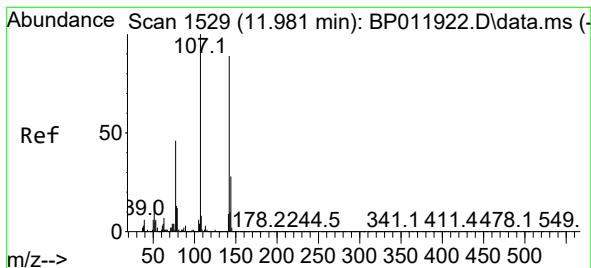
Ion Ratio Lower Upper

113 100

55 140.5 106.0 159.0

56 106.3 78.7 118.1

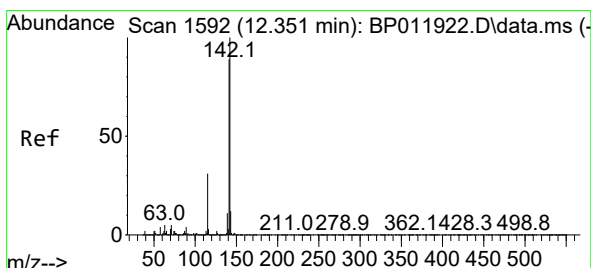
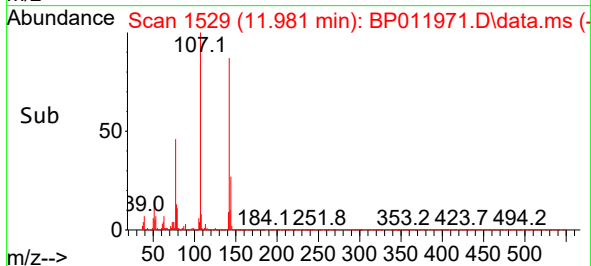
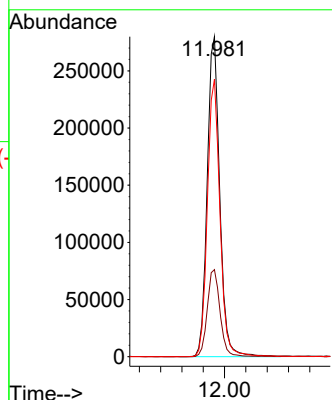
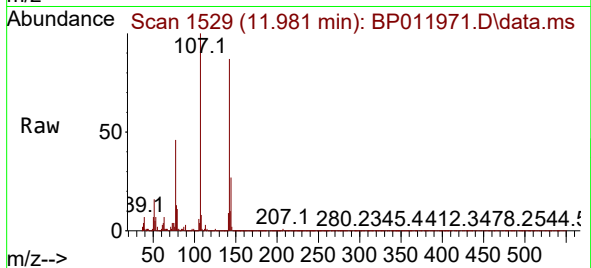




#35
4-Chloro-3-methylphenol
Concen: 30.351 ng/ul
RT: 11.981 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

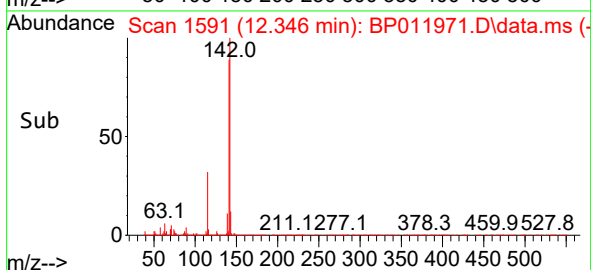
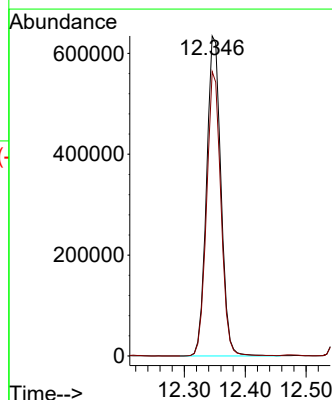
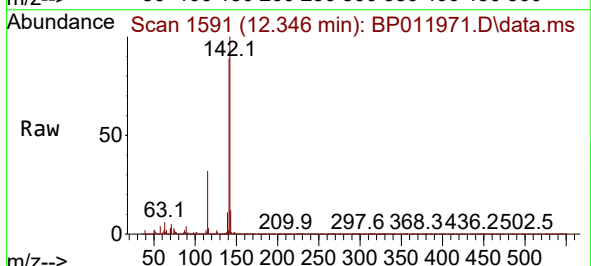
Instrument :
BNA_P
ClientSampleId :

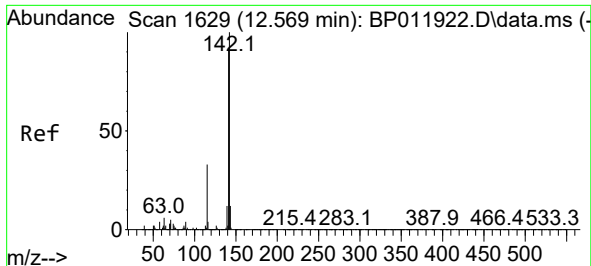
Tgt Ion:107 Resp: 455793
Ion Ratio Lower Upper
107 100
144 27.2 22.5 33.7
142 86.7 70.0 105.0



#36
2-Methylnaphthalene
Concen: 30.590 ng/ul
RT: 12.346 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:142 Resp: 1040554
Ion Ratio Lower Upper
142 100
141 88.8 70.6 106.0

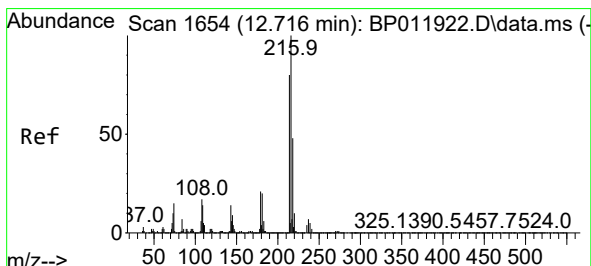
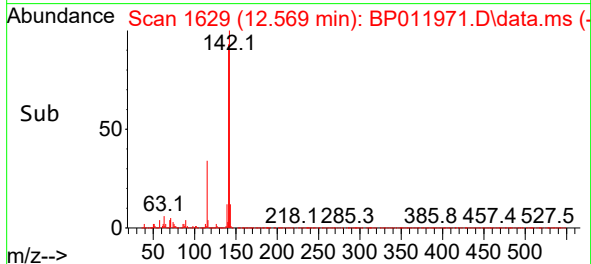
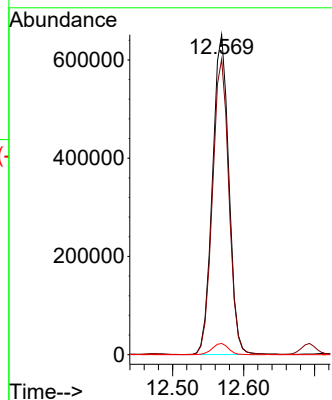
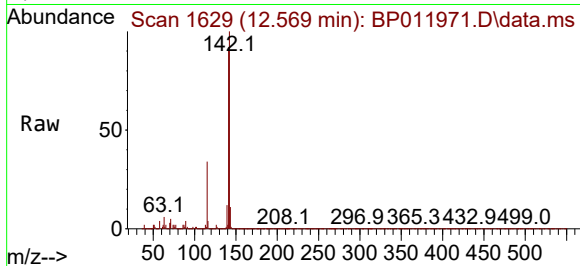




#37
1-Methylnaphthalene
Concen: 30.523 ng/ul
RT: 12.569 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

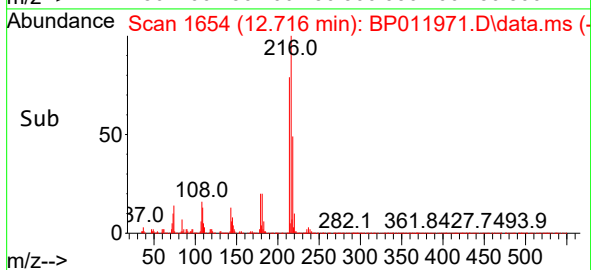
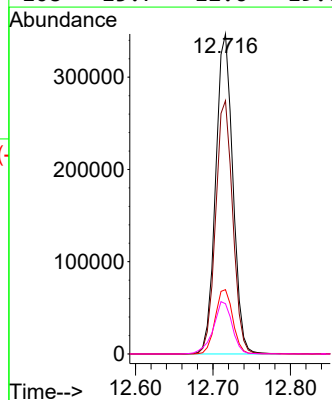
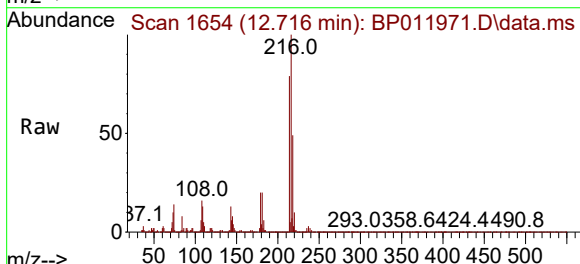
Instrument :
BNA_P
ClientSampleId :

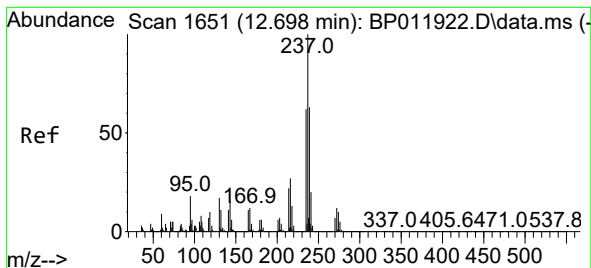
Tgt Ion:142 Resp: 1041832
Ion Ratio Lower Upper
142 100
141 92.3 74.8 112.2
116 3.5 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.182 ng/ul
RT: 12.716 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:216 Resp: 534037
Ion Ratio Lower Upper
216 100
214 79.2 62.6 94.0
179 20.1 16.6 24.8
108 15.7 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 31.281 ng/ul

RT: 12.693 min Scan# 1650

Delta R.T. -0.006 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Instrument :

BNA_P

ClientSampleId :

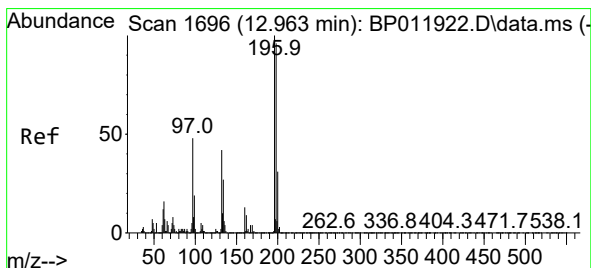
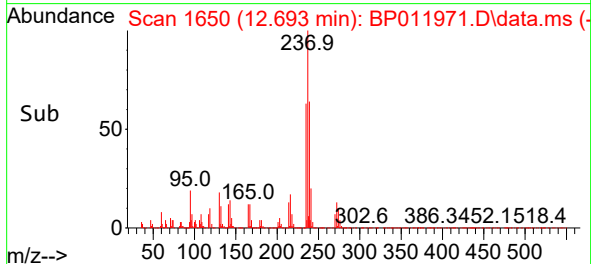
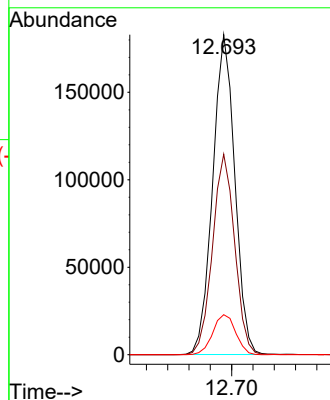
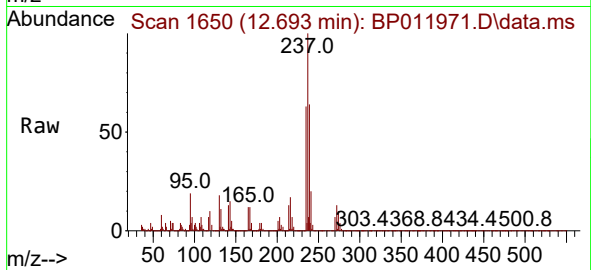
Tgt Ion:237 Resp: 263757

Ion Ratio Lower Upper

237 100

235 62.7 51.0 76.6

272 12.5 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 35.158 ng/ul

RT: 12.957 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

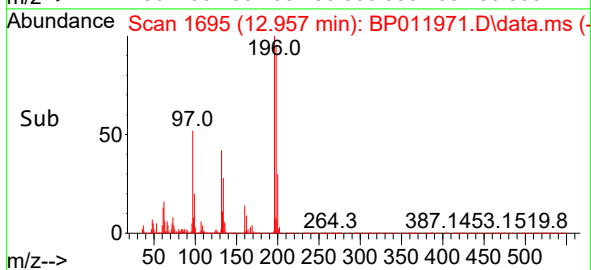
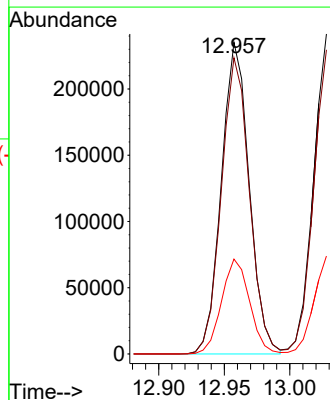
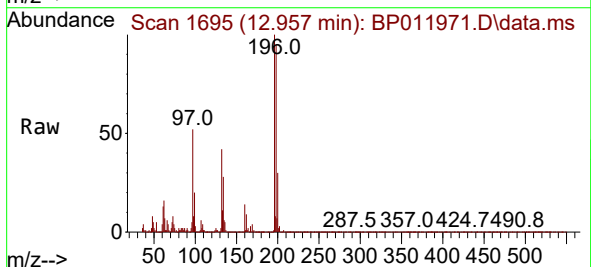
Tgt Ion:196 Resp: 347360

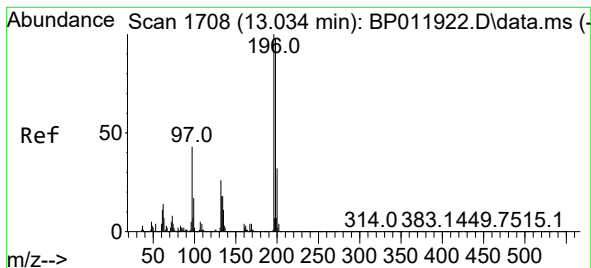
Ion Ratio Lower Upper

196 100

198 95.0 78.7 118.1

200 30.4 24.5 36.7





#42

2,4,5-Trichlorophenol

Concen: 34.995 ng/ul

RT: 13.028 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Instrument :

BNA_P

ClientSampleId :

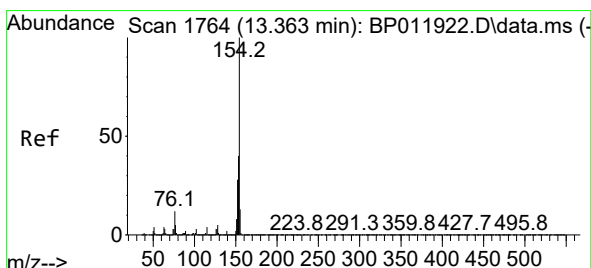
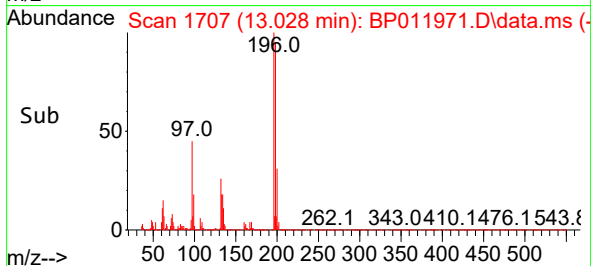
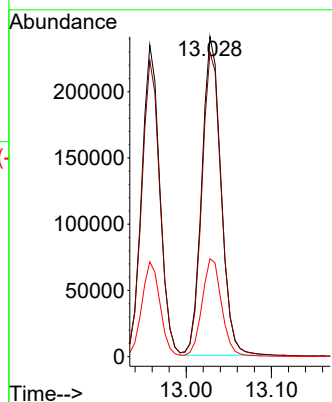
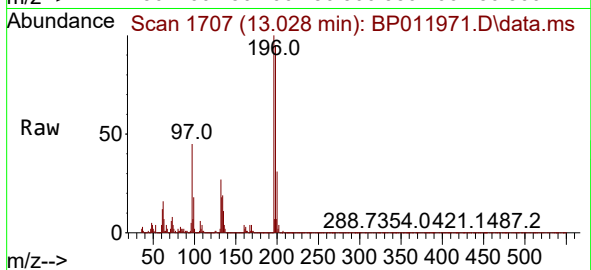
Tgt Ion:196 Resp: 376630

Ion Ratio Lower Upper

196 100

198 95.1 76.6 114.8

200 30.6 25.6 38.4



#43

1,1'-Biphenyl

Concen: 35.376 ng/ul

RT: 13.357 min Scan# 1763

Delta R.T. -0.006 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

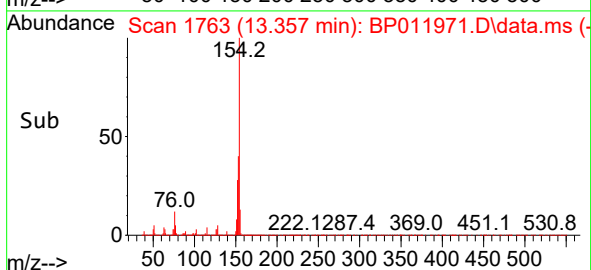
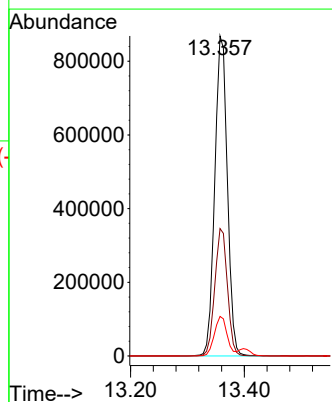
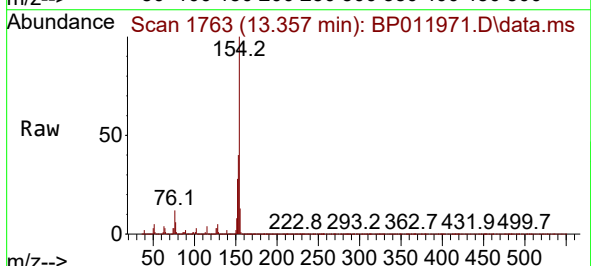
Tgt Ion:154 Resp: 1331734

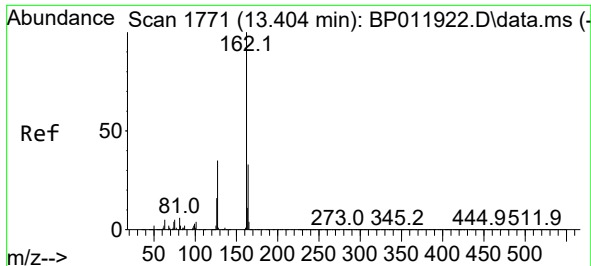
Ion Ratio Lower Upper

154 100

153 39.8 31.8 47.6

76 12.3 9.5 14.3

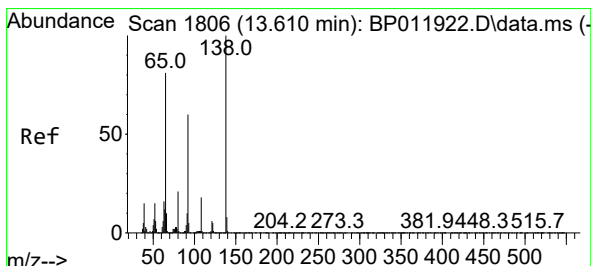
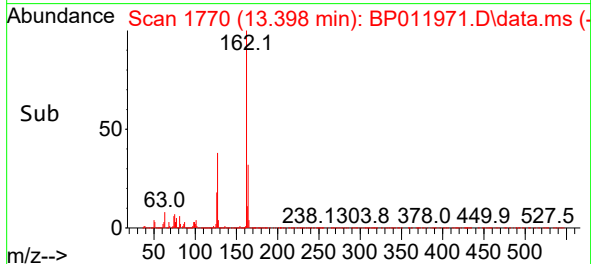
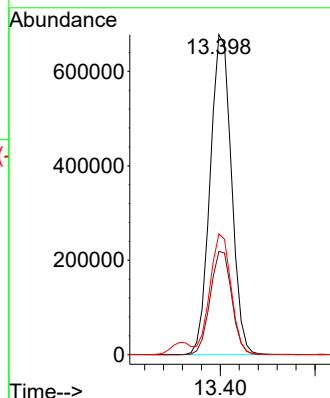
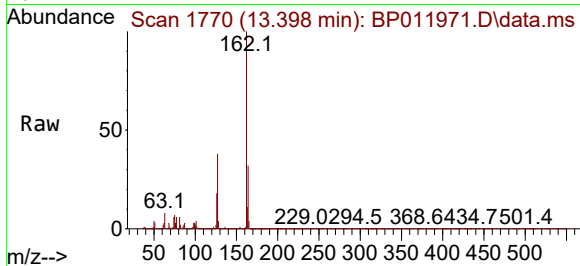




#44
2-Chloronaphthalene
Concen: 35.592 ng/ul
RT: 13.398 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

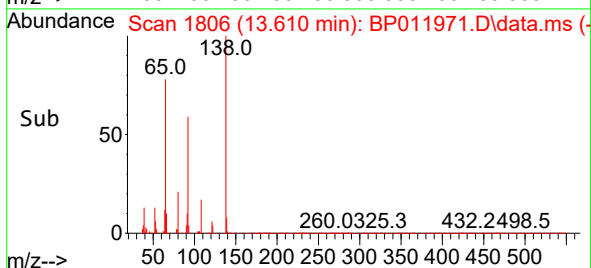
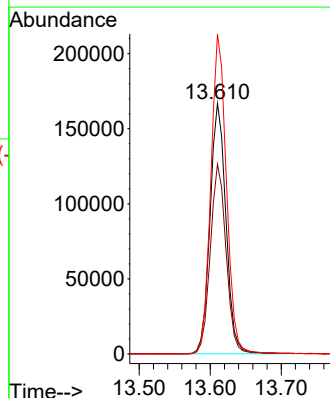
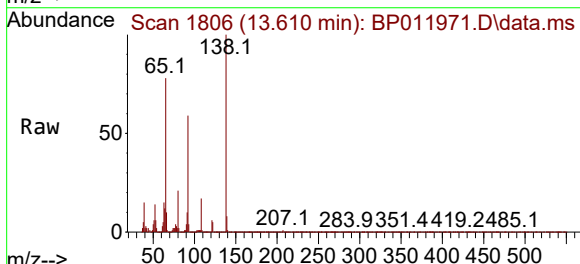
Instrument :
BNA_P
ClientSampleId :

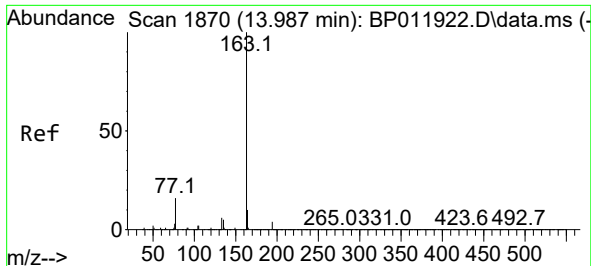
Tgt Ion:162 Resp: 1059304
Ion Ratio Lower Upper
162 100
164 32.3 26.5 39.7
127 37.7 29.7 44.5



#45
2-Nitroaniline
Concen: 35.679 ng/ul
RT: 13.610 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion: 65 Resp: 259208
Ion Ratio Lower Upper
65 100
92 75.7 61.2 91.8
138 127.7 103.0 154.4

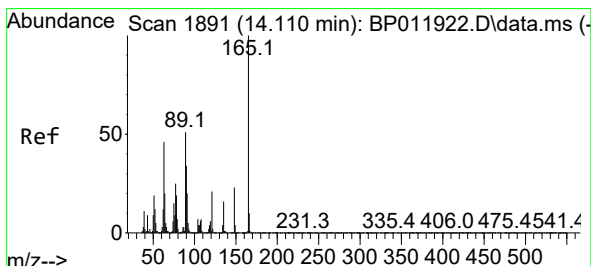
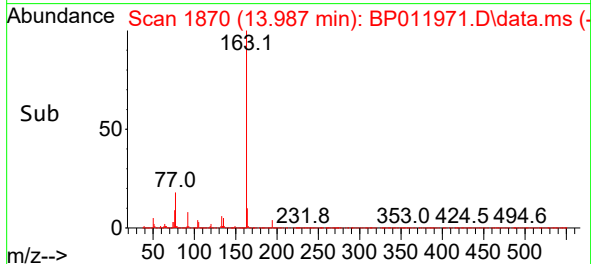
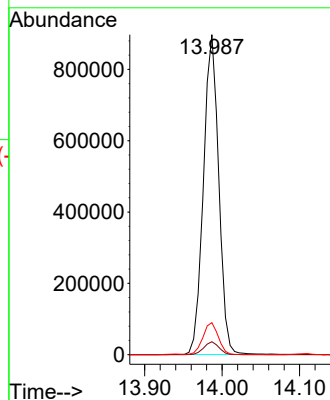
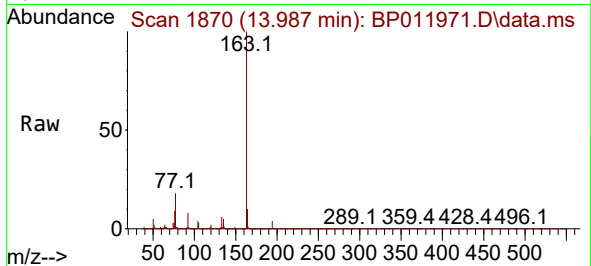




#47
Dimethylphthalate
Concen: 32.224 ng/ul
RT: 13.987 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

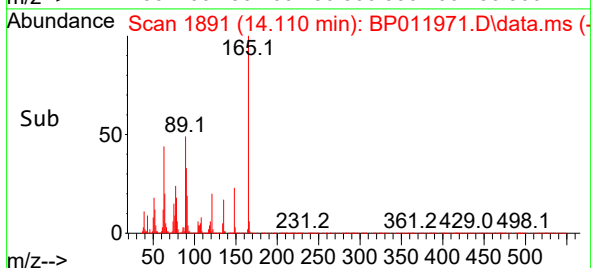
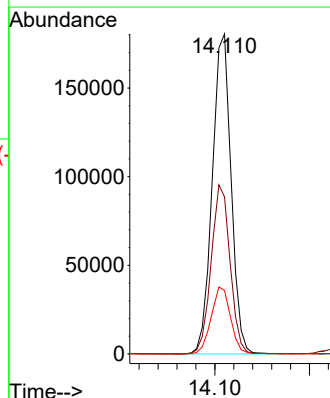
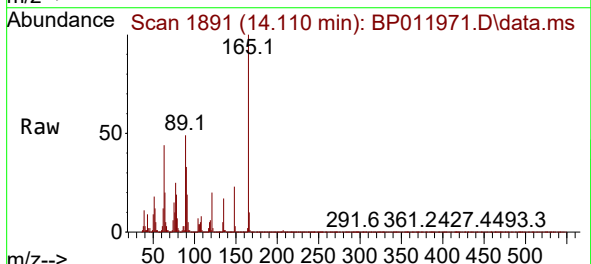
Instrument :
BNA_P
ClientSampleId :

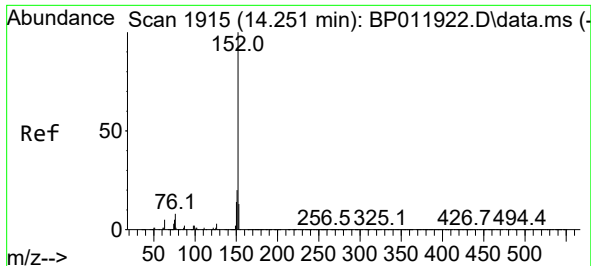
Tgt Ion:163 Resp: 1229118
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.5 12.7



#48
2,6-Dinitrotoluene
Concen: 33.511 ng/ul
RT: 14.110 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:165 Resp: 249104
Ion Ratio Lower Upper
165 100
89 49.1 39.1 58.7
121 19.8 16.7 25.1

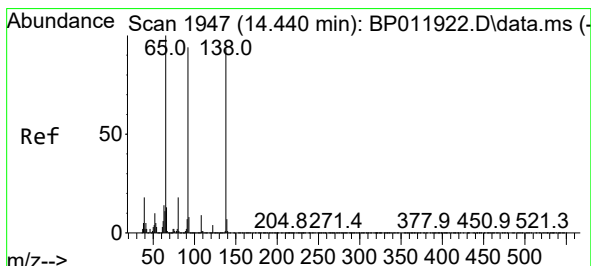
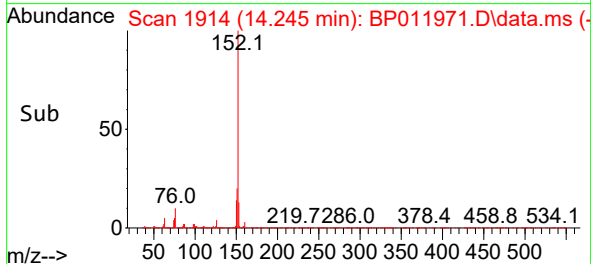
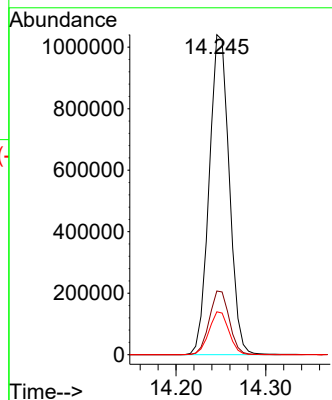
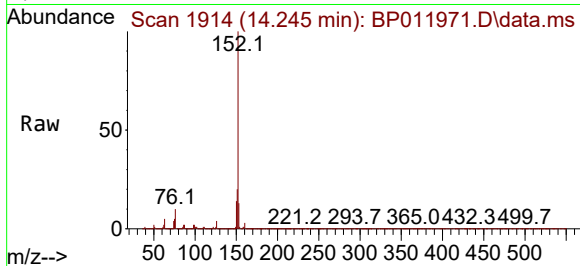




#50
Acenaphthylene
Concen: 35.019 ng/ul
RT: 14.245 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

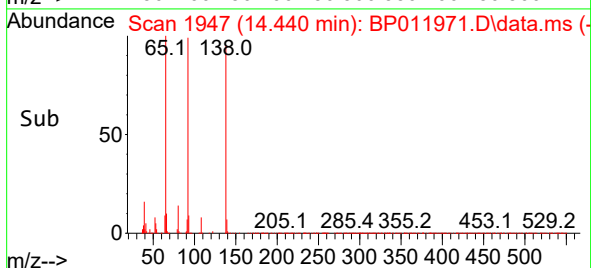
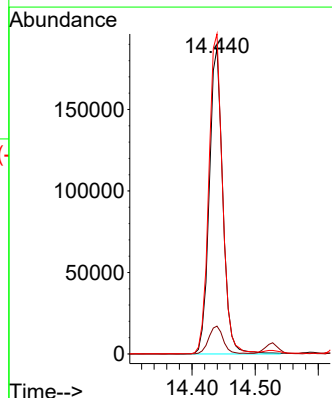
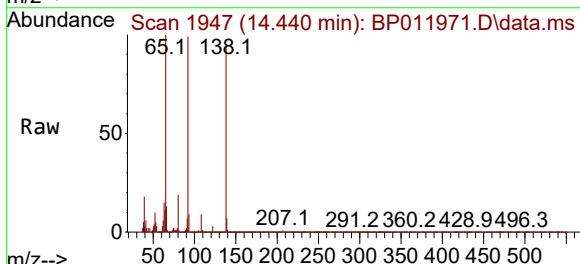
Instrument :
BNA_P
ClientSampleId :

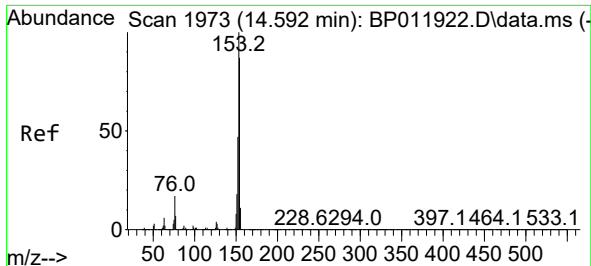
Tgt Ion:152 Resp: 1613673
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.4 10.8 16.2



#51
3-Nitroaniline
Concen: 32.537 ng/ul
RT: 14.440 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:138 Resp: 280337
Ion Ratio Lower Upper
138 100
108 9.1 8.2 12.4
92 104.7 85.6 128.4

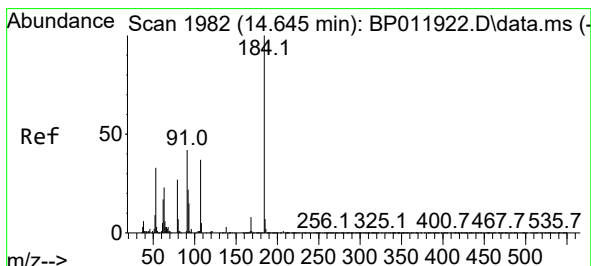
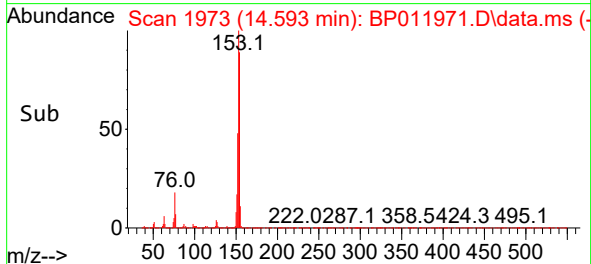
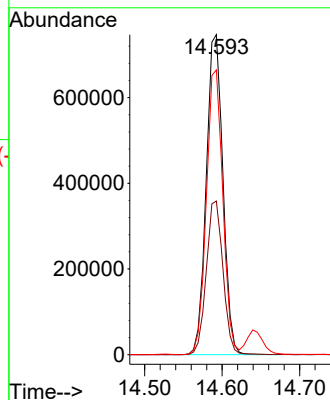
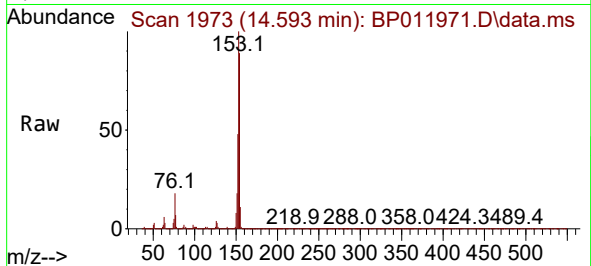




#52
Acenaphthene
Concen: 34.243 ng/ul
RT: 14.593 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

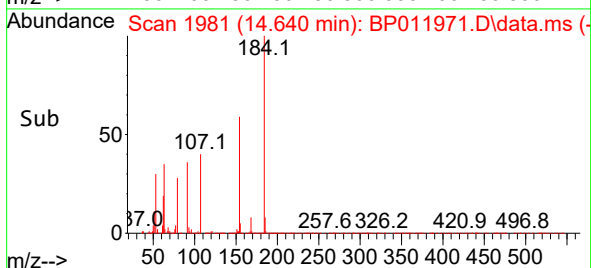
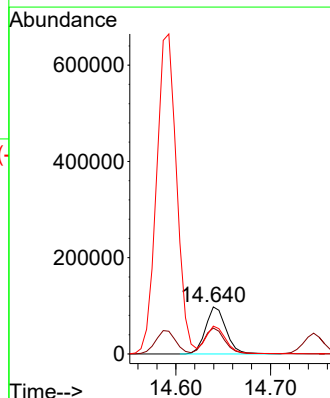
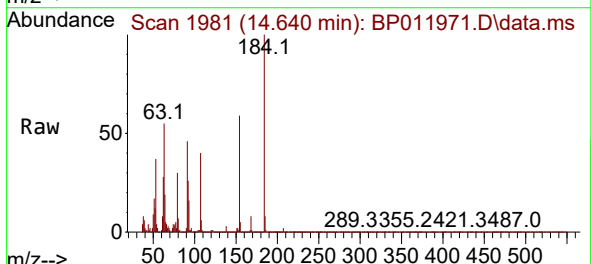
Instrument :
BNA_P
ClientSampleId :

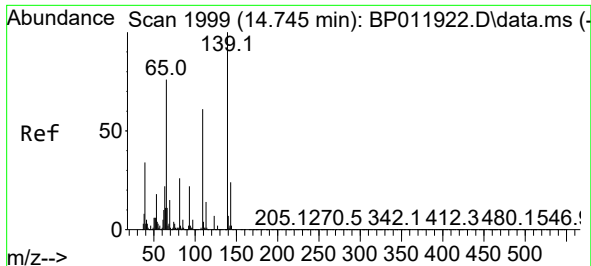
Tgt Ion:153 Resp: 1113271
Ion Ratio Lower Upper
153 100
152 48.0 38.4 57.6
154 89.0 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 29.117 ng/ul
RT: 14.640 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:184 Resp: 146740
Ion Ratio Lower Upper
184 100
63 55.3 44.2 66.4
154 59.4 45.8 68.6

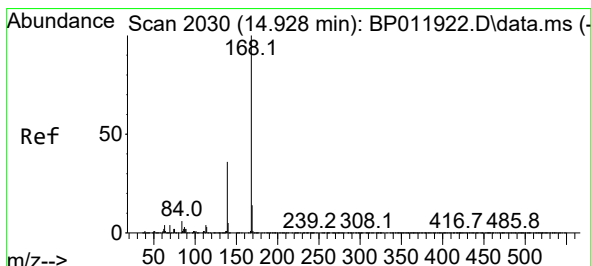
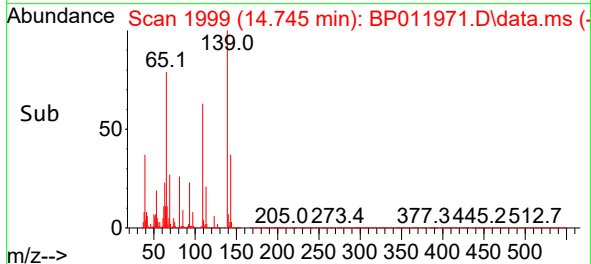
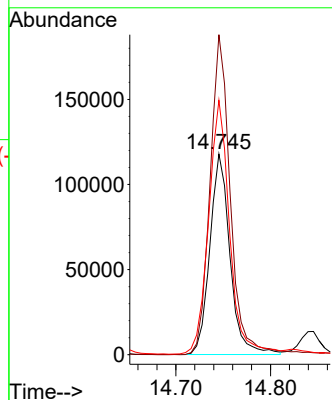
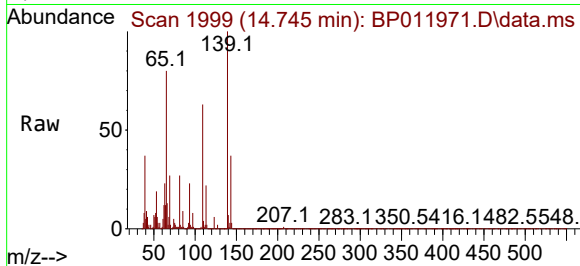




#55
4-Nitrophenol
Concen: 34.273 ng/ul
RT: 14.745 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

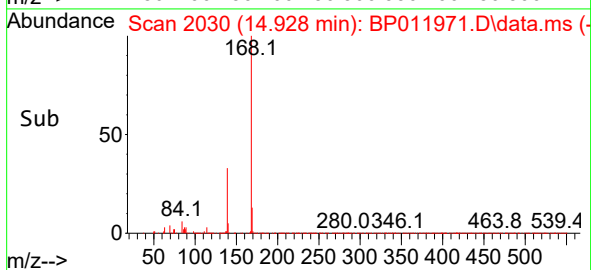
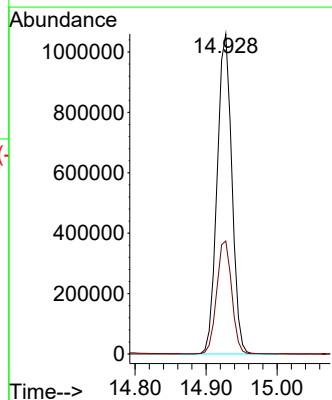
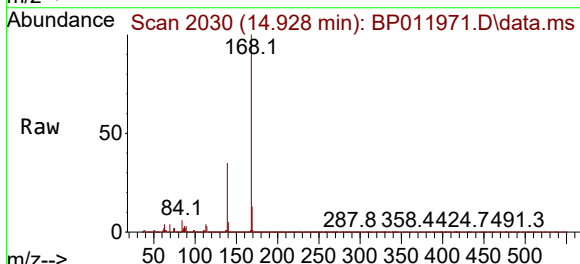
Instrument :
BNA_P
ClientSampleId :

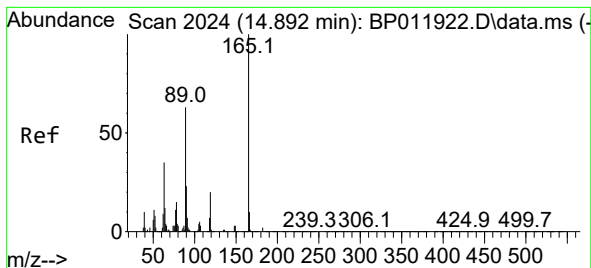
Tgt Ion:109 Resp: 174372
Ion Ratio Lower Upper
109 100
139 159.5 125.0 187.6
65 126.8 101.9 152.9



#56
Dibenzofuran
Concen: 34.163 ng/ul
RT: 14.928 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:168 Resp: 1521251
Ion Ratio Lower Upper
168 100
139 35.3 29.4 44.2





#57

2,4-Dinitrotoluene

Concen: 33.583 ng/ul

RT: 14.893 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Instrument :

BNA_P

ClientSampleId :

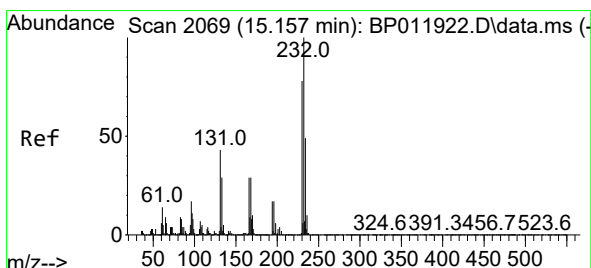
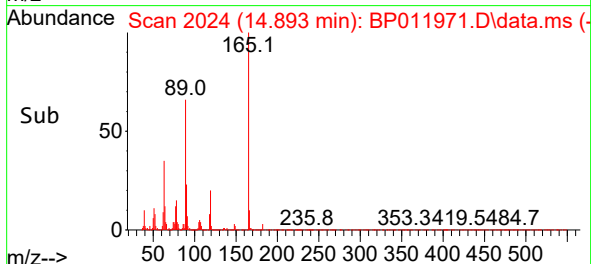
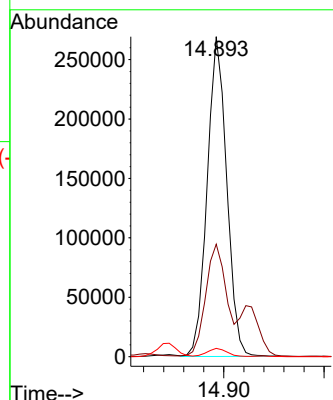
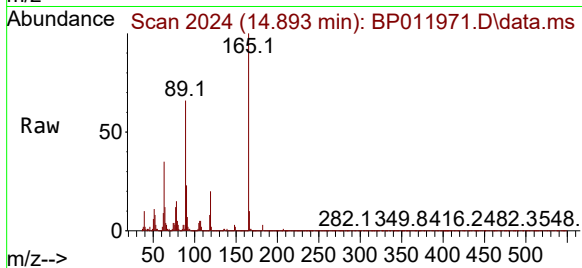
Tgt Ion:165 Resp: 364893

Ion Ratio Lower Upper

165 100

63 35.1 28.2 42.2

182 2.6 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.645 ng/ul

RT: 15.151 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Tgt Ion:232 Resp: 314562

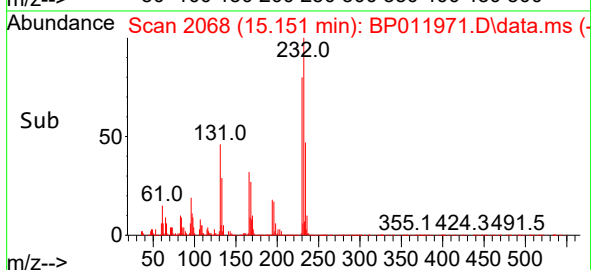
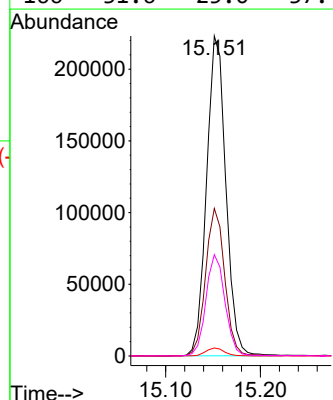
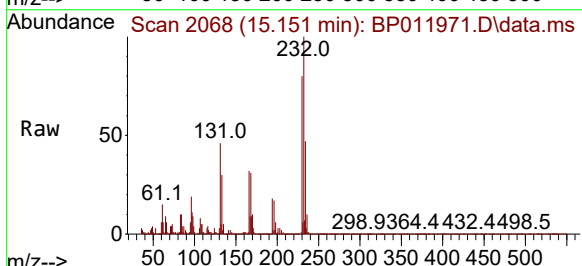
Ion Ratio Lower Upper

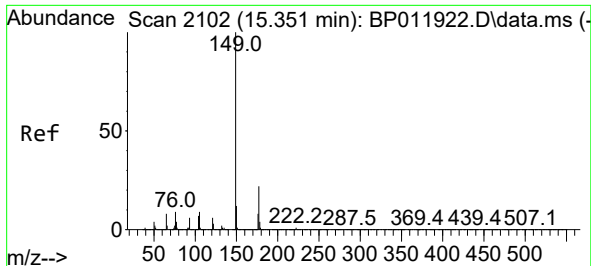
232 100

131 46.1 36.2 54.2

130 2.5 1.7 2.5

166 31.6 25.0 37.4

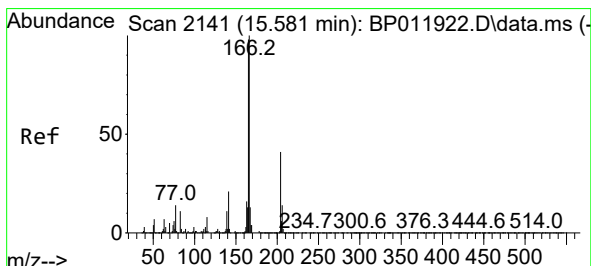
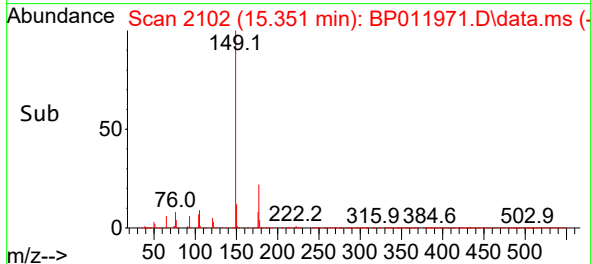
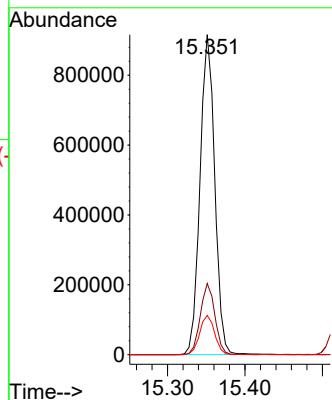
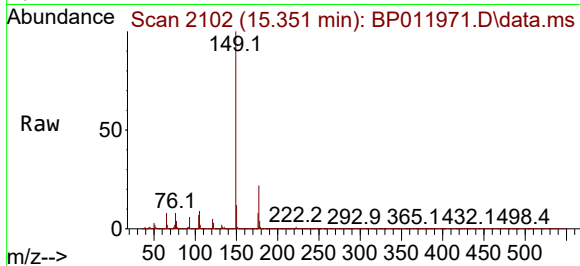




#59
Diethylphthalate
Concen: 31.569 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

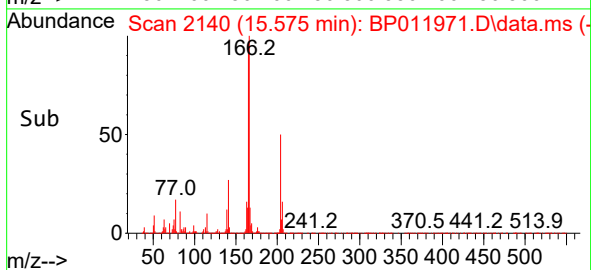
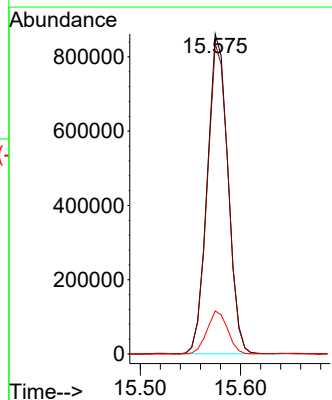
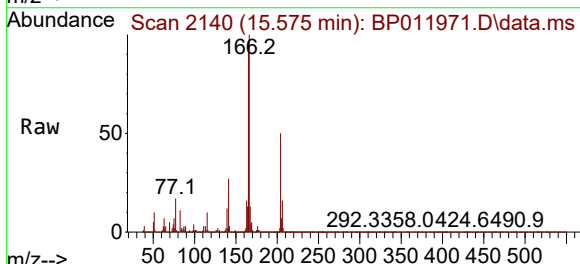
Instrument :
BNA_P
ClientSampleId :

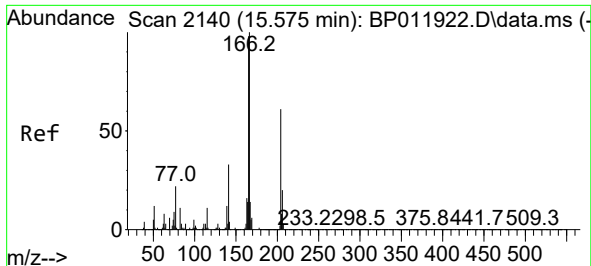
Tgt Ion:149 Resp: 1206308
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.3 9.9 14.9



#61
Fluorene
Concen: 33.881 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:166 Resp: 1235678
Ion Ratio Lower Upper
166 100
165 97.0 77.2 115.8
167 13.4 10.7 16.1

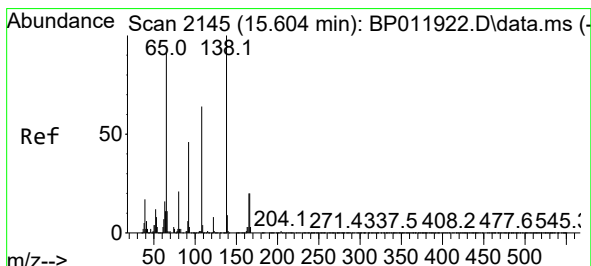
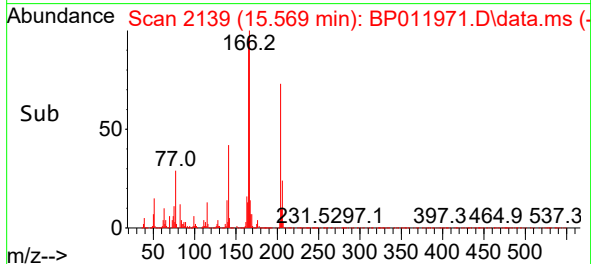
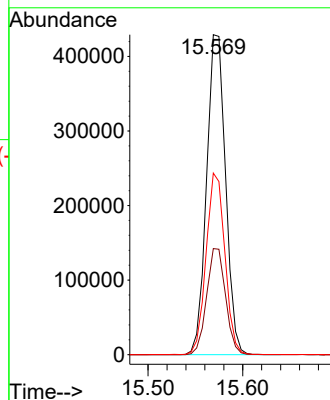
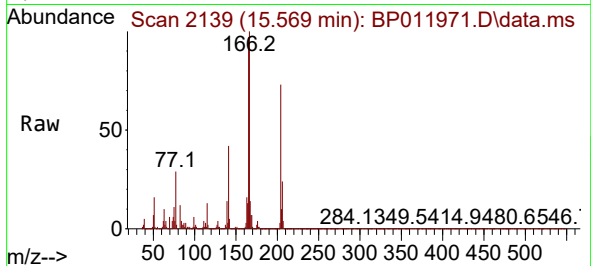




#62
4-Chlorophenyl-phenylether
Concen: 33.104 ng/ul
RT: 15.569 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

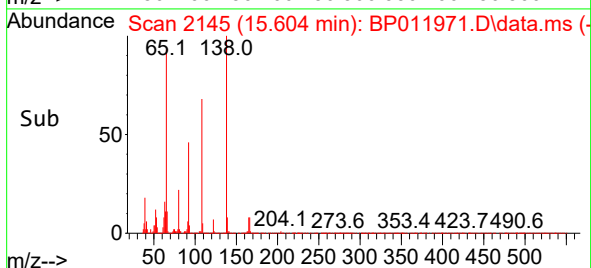
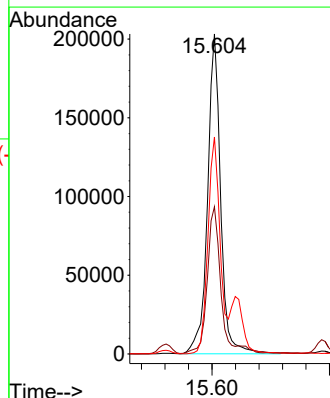
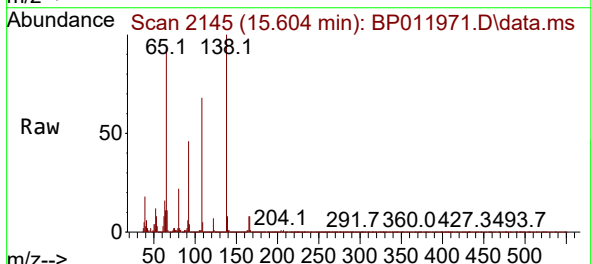
Instrument :
BNA_P
ClientSampleId :

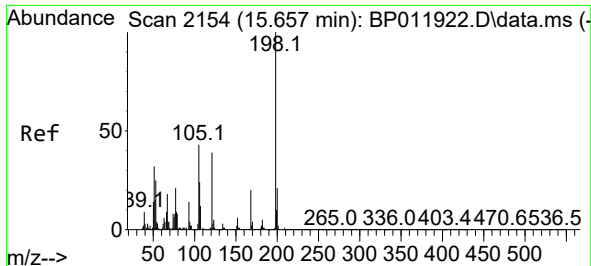
Tgt Ion:204 Resp: 597690
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 56.8 44.5 66.7



#63
4-Nitroaniline
Concen: 38.293 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:138 Resp: 314834
Ion Ratio Lower Upper
138 100
92 46.0 35.9 53.9
108 67.8 51.6 77.4

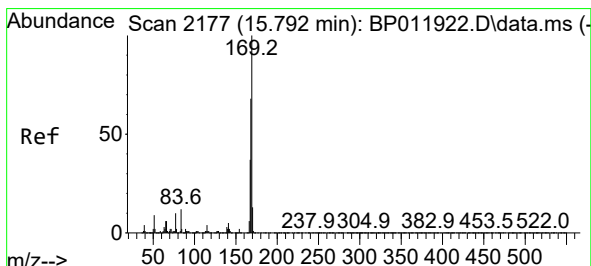
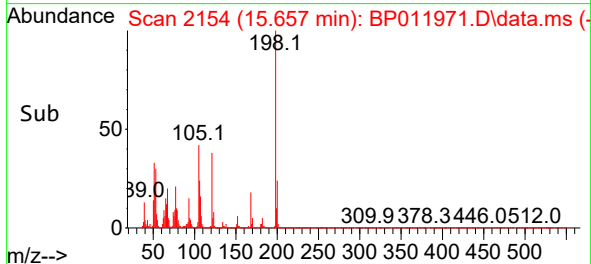
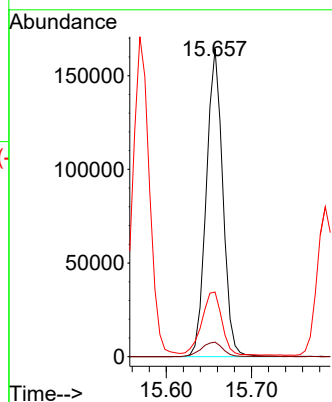
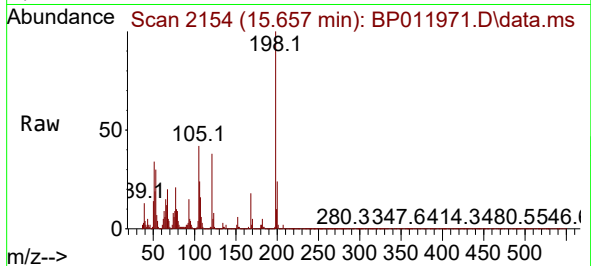




#66
4,6-Dinitro-2-methylphenol
Concen: 32.888 ng/ul
RT: 15.657 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

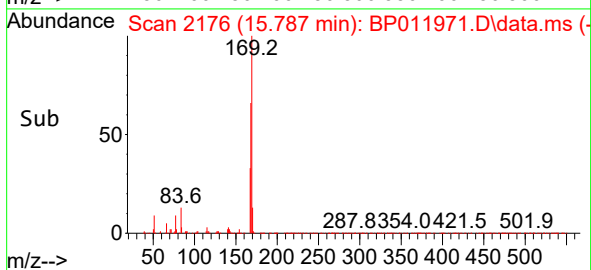
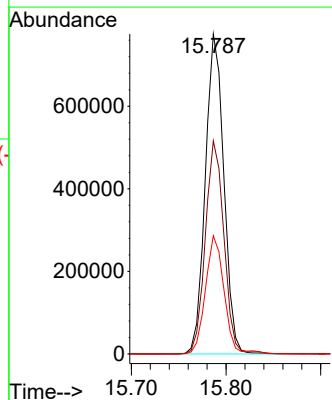
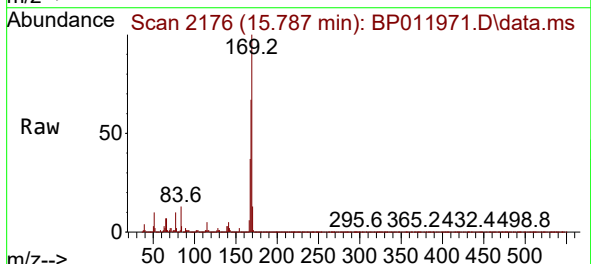
Instrument :
BNA_P
ClientSampleId :

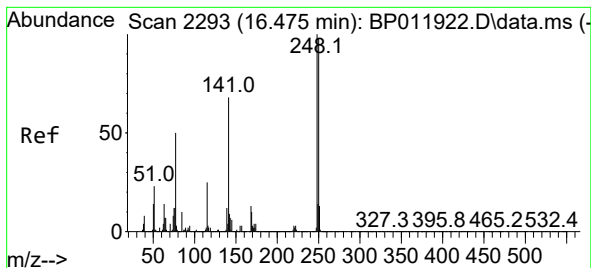
Tgt Ion:198 Resp: 220512
Ion Ratio Lower Upper
198 100
182 4.7 3.7 5.5
77 21.0 16.6 24.8



#67
N-Nitrosodiphenylamine
Concen: 34.037 ng/ul
RT: 15.787 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:169 Resp: 1049897
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 37.0 29.9 44.9

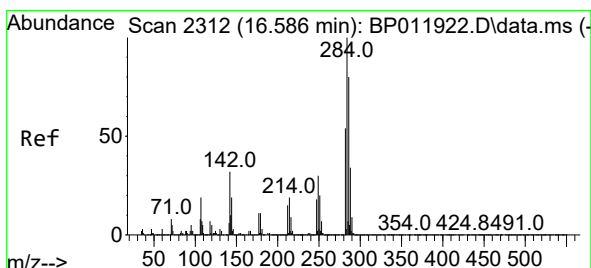
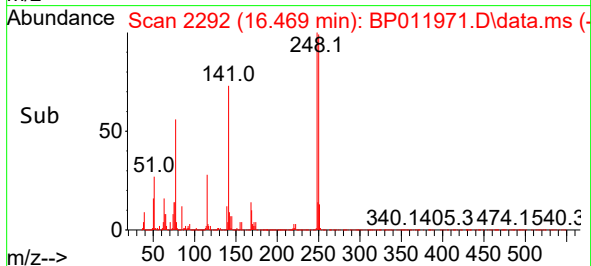
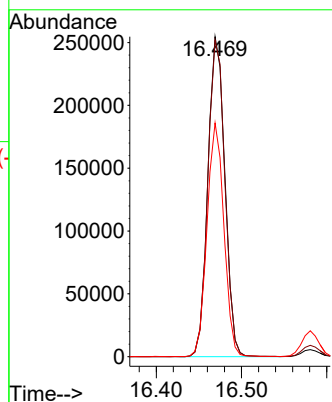
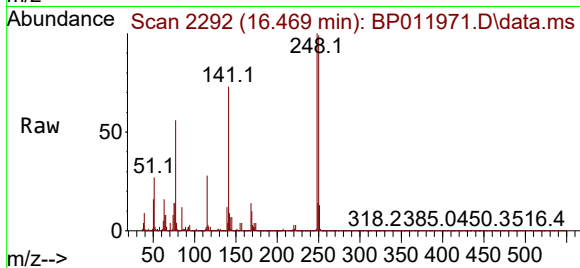




#68
4-Bromophenyl-phenylether
Concen: 33.148 ng/ul
RT: 16.469 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

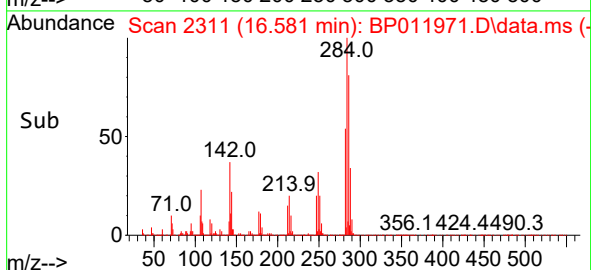
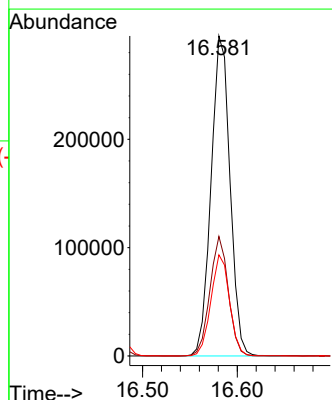
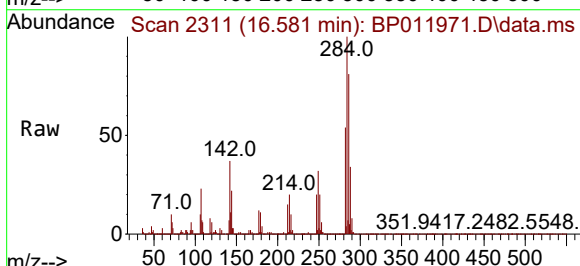
Instrument :
BNA_P
ClientSampleId :

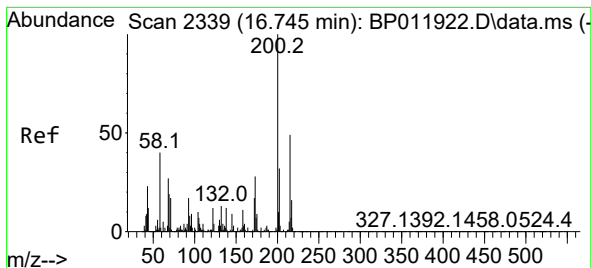
Tgt Ion:248 Resp: 352563
Ion Ratio Lower Upper
248 100
250 98.9 78.6 118.0
141 73.1 56.0 84.0



#69
Hexachlorobenzene
Concen: 33.886 ng/ul
RT: 16.581 min Scan# 2311
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:284 Resp: 410132
Ion Ratio Lower Upper
284 100
142 37.3 27.3 40.9
249 31.6 25.2 37.8





#70

Atrazine

Concen: 33.020 ng/ul

RT: 16.745 min Scan# 2339

Delta R.T. 0.000 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Instrument :

BNA_P

ClientSampleId :

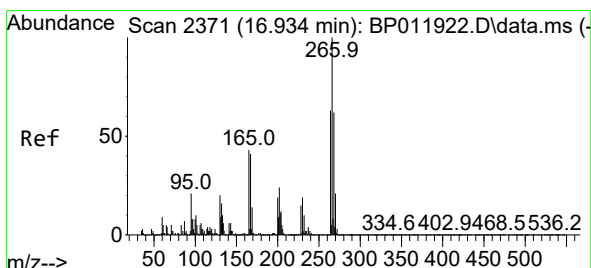
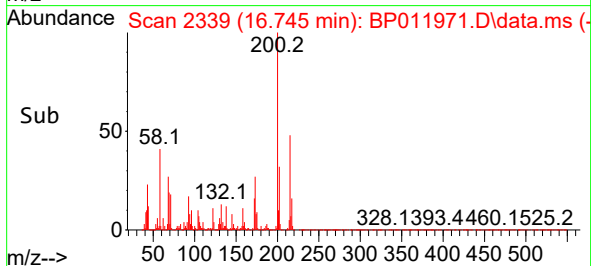
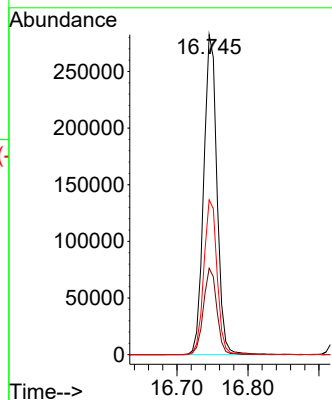
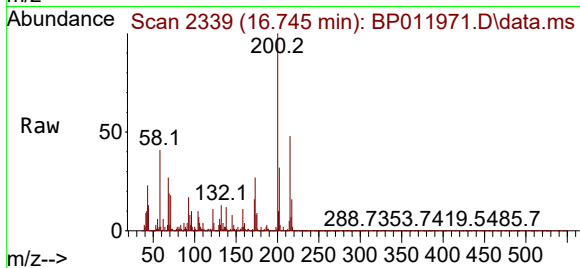
Tgt Ion:200 Resp: 367501

Ion Ratio Lower Upper

200 100

173 27.0 21.6 32.4

215 48.4 38.9 58.3



#71

Pentachlorophenol

Concen: 34.045 ng/ul

RT: 16.934 min Scan# 2371

Delta R.T. 0.000 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

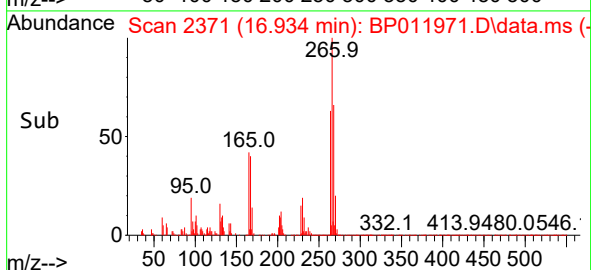
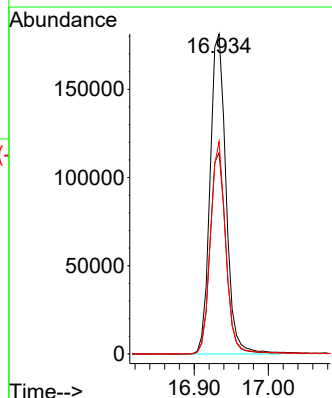
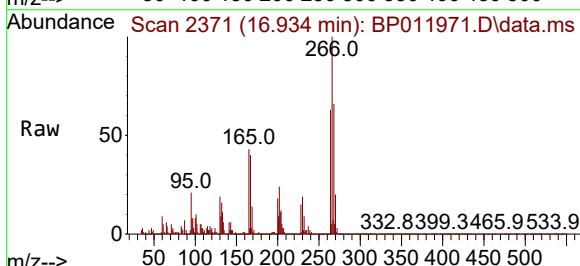
Tgt Ion:266 Resp: 271014

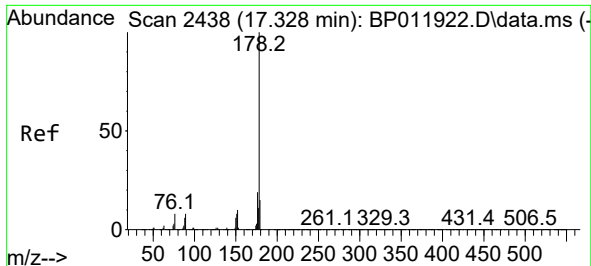
Ion Ratio Lower Upper

266 100

264 62.8 49.8 74.8

268 66.4 51.9 77.9

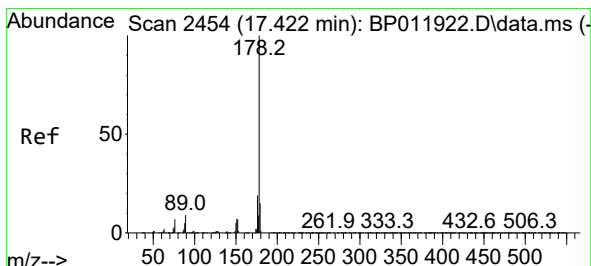
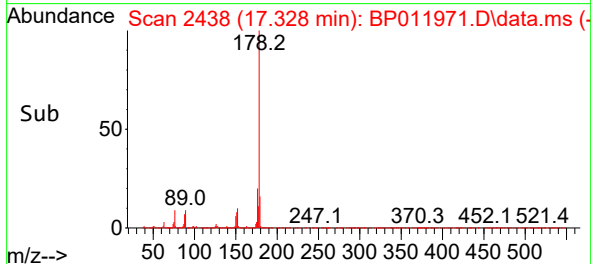
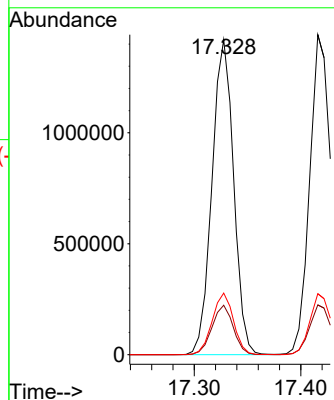
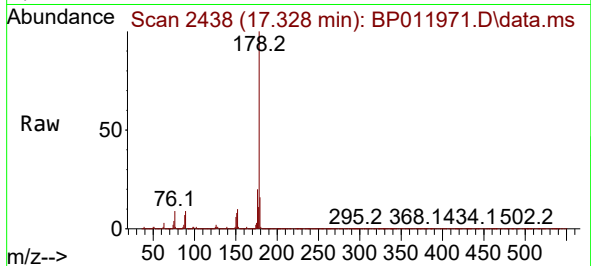




#72
Phenanthrene
Concen: 34.839 ng/ul
RT: 17.328 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

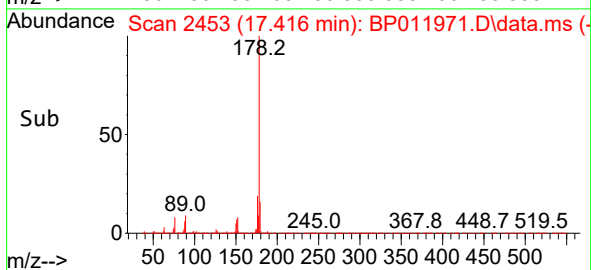
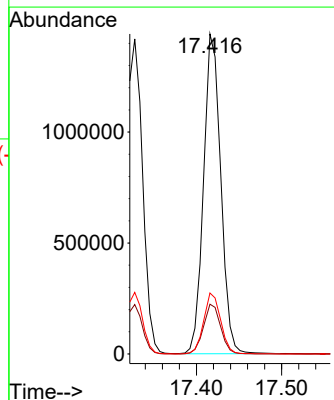
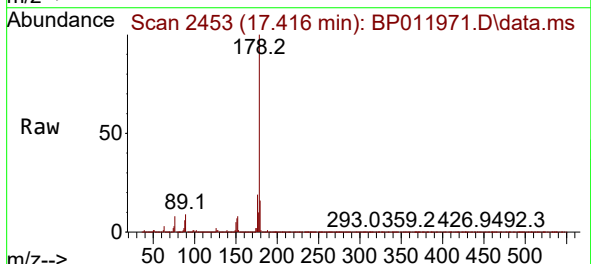
Instrument :
BNA_P
ClientSampleId :

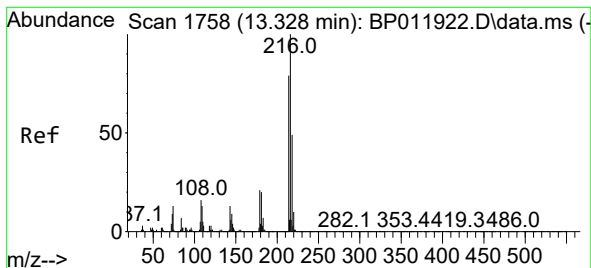
Tgt Ion:178 Resp: 2002051
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.6 15.4 23.2



#74
Anthracene
Concen: 34.985 ng/ul
RT: 17.416 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:178 Resp: 2022769
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.1 15.4 23.2

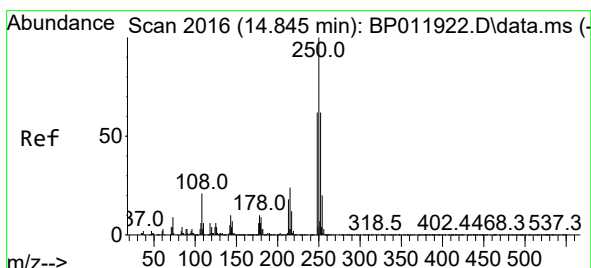
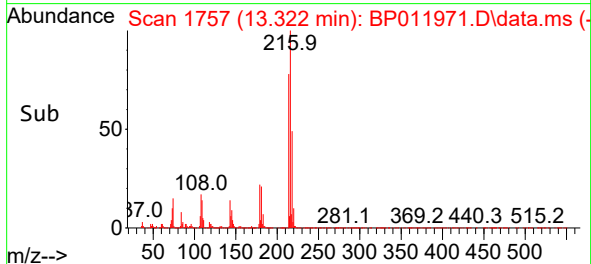
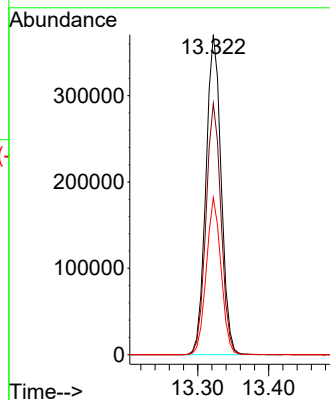
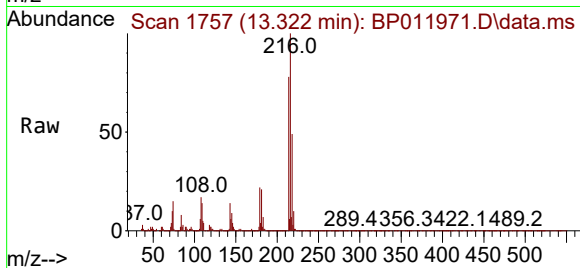




#75
1,2,3,4-Tetrachlorobenzene
Concen: 38.277 ng/uL
RT: 13.322 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

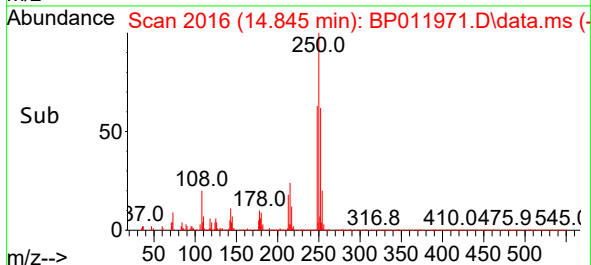
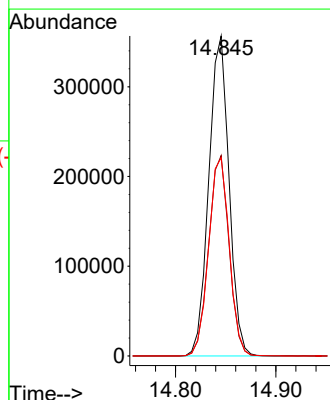
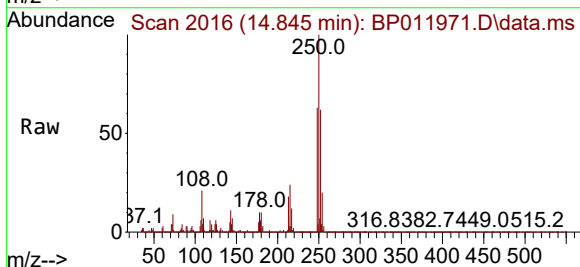
Instrument :
BNA_P
ClientSampleId :

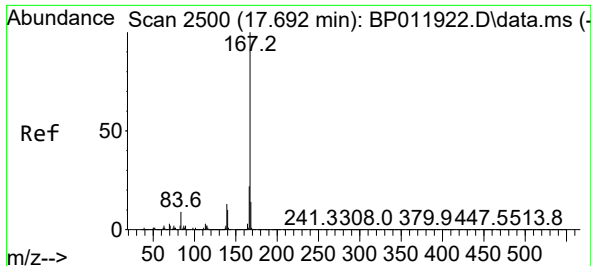
Tgt Ion:216 Resp: 552443
Ion Ratio Lower Upper
216 100
214 78.4 62.6 93.8
218 49.1 37.4 56.0



#76
Pentachlorobenzene
Concen: 32.371 ng/uL
RT: 14.845 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:250 Resp: 499231
Ion Ratio Lower Upper
250 100
248 62.7 51.4 77.0
252 62.0 51.5 77.3

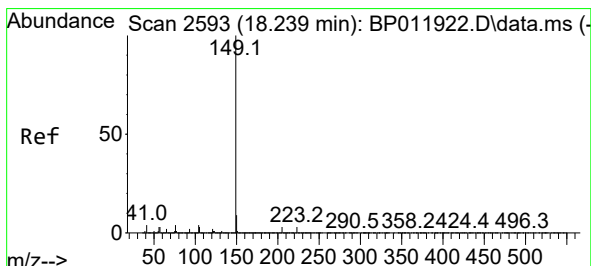
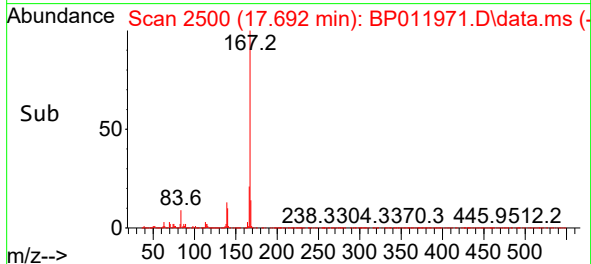
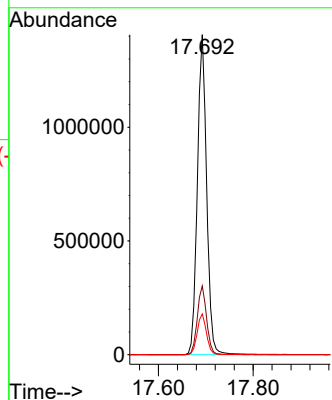
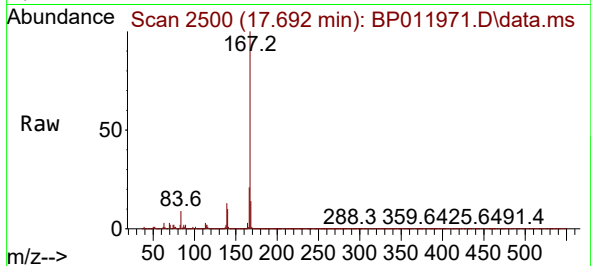




#77
 Carbazole
 Concen: 36.678 ng/ul
 RT: 17.692 min Scan# 2500
 Delta R.T. 0.000 min
 Lab File: BP011971.D
 Acq: 06 Oct 2022 15:40

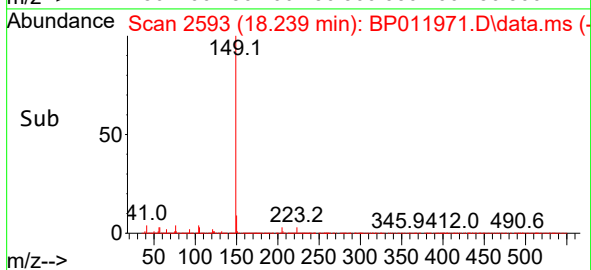
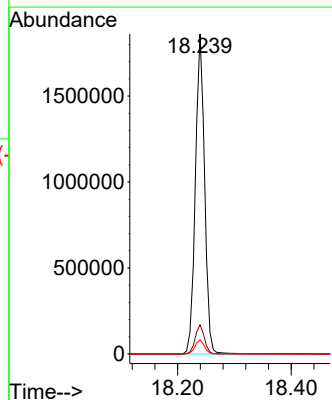
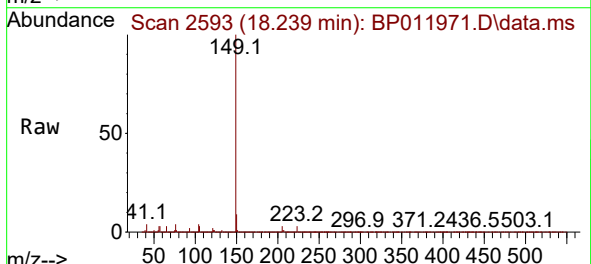
Instrument :
 BNA_P
 ClientSampleId :

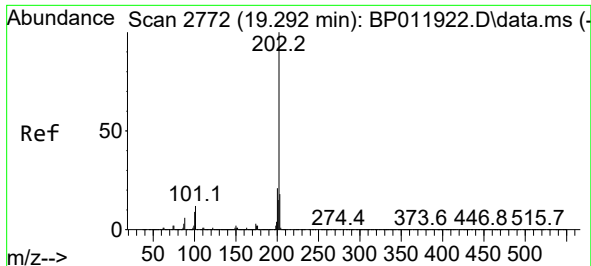
Tgt Ion:167 Resp: 1916070
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.8 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 32.973 ng/ul
 RT: 18.239 min Scan# 2593
 Delta R.T. 0.000 min
 Lab File: BP011971.D
 Acq: 06 Oct 2022 15:40

Tgt Ion:149 Resp: 2109386
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.5 3.6 5.4

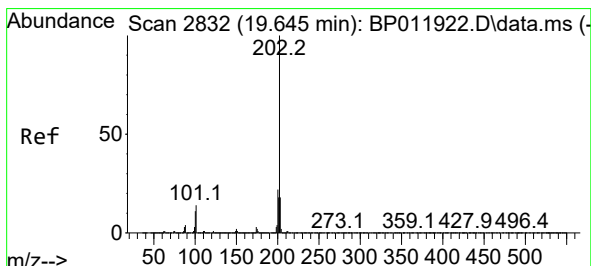
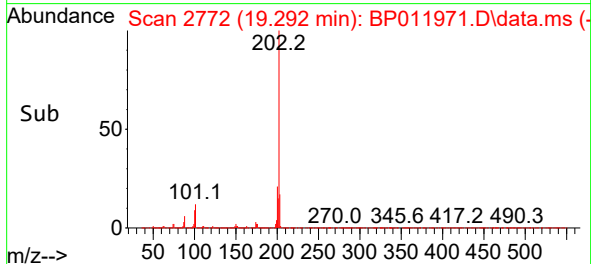
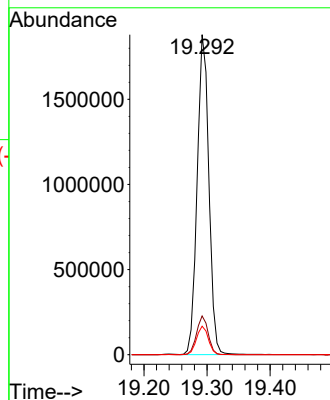
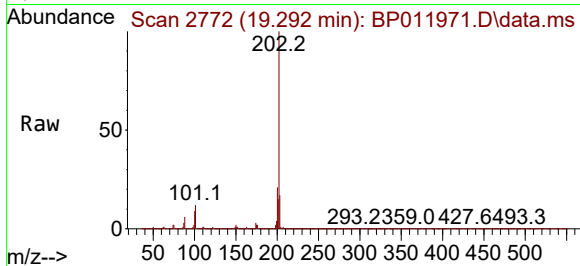




#80
Fluoranthene
Concen: 34.021 ng/ul
RT: 19.292 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

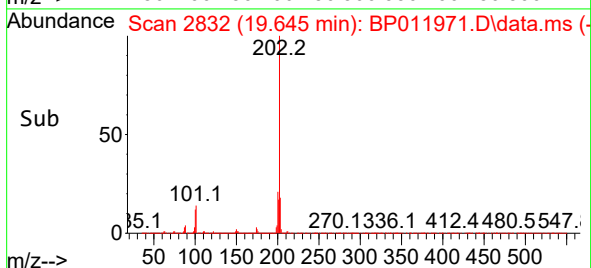
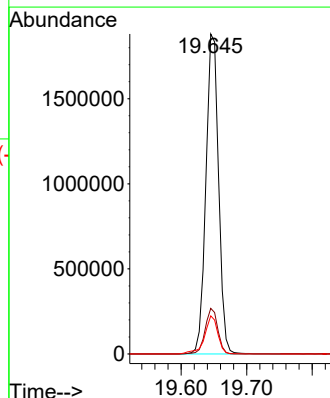
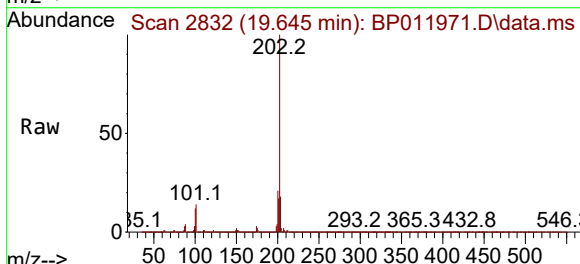
Instrument :
BNA_P
ClientSampleId :

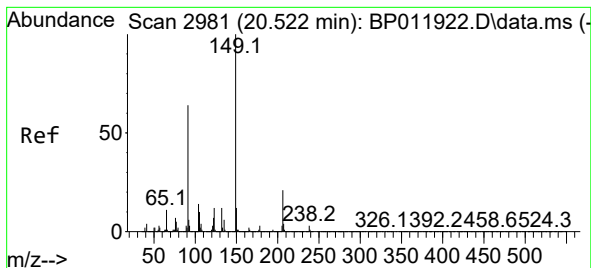
Tgt Ion:202 Resp: 2412625
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.6
100 8.9 7.4 11.0



#82
Pyrene
Concen: 34.288 ng/ul
RT: 19.645 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:202 Resp: 2531643
Ion Ratio Lower Upper
202 100
101 14.3 11.6 17.4
100 11.9 9.4 14.0





#83

Butylbenzylphthalate

Concen: 33.024 ng/ul

RT: 20.522 min Scan# 2981

Delta R.T. 0.000 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Instrument :

BNA_P

ClientSampleId :

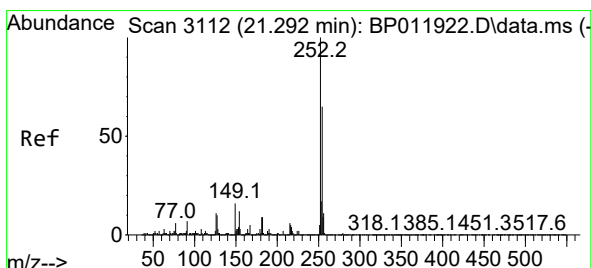
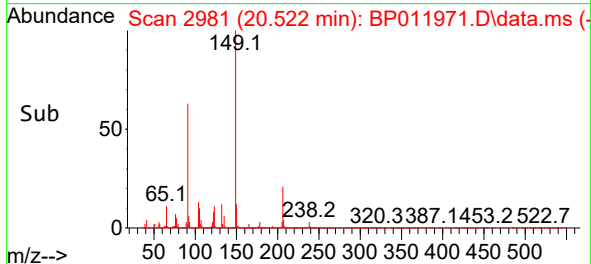
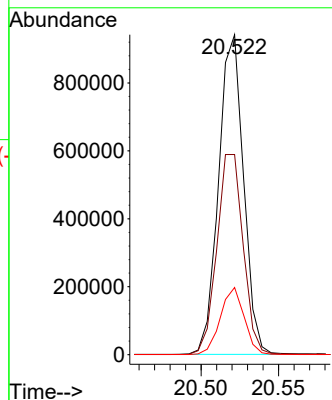
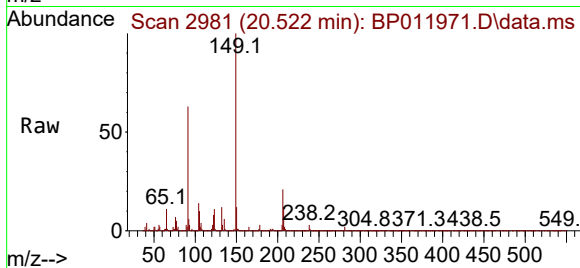
Tgt Ion:149 Resp: 1053833

Ion Ratio Lower Upper

149 100

91 62.6 50.2 75.4

206 21.0 16.9 25.3



#84

3,3'-Dichlorobenzidine

Concen: 34.334 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

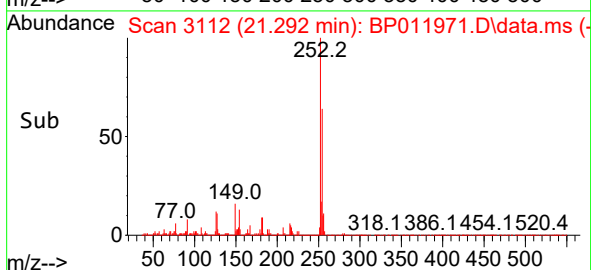
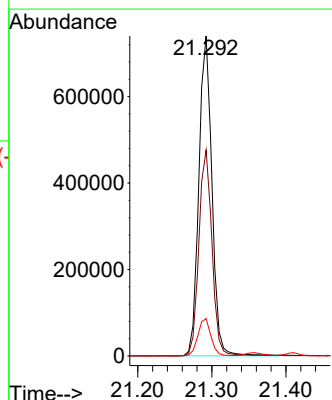
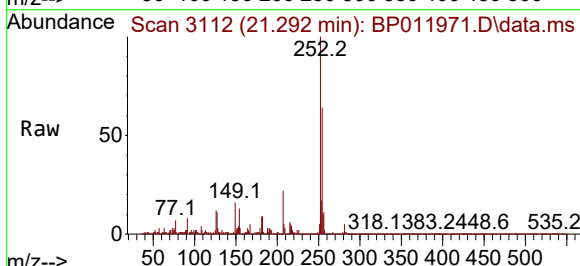
Tgt Ion:252 Resp: 904376

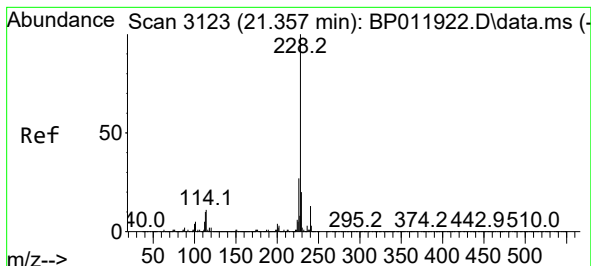
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.0

126 11.7 8.9 13.3





#85

Benzo(a)anthracene

Concen: 34.466 ng/ul

RT: 21.357 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Instrument :

BNA_P

ClientSampleId :

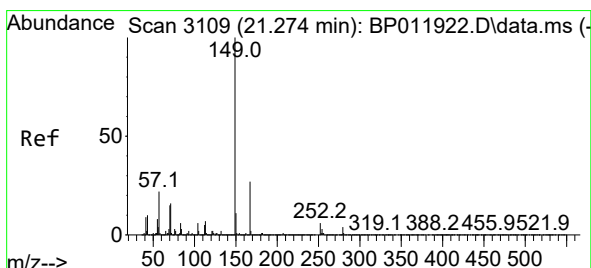
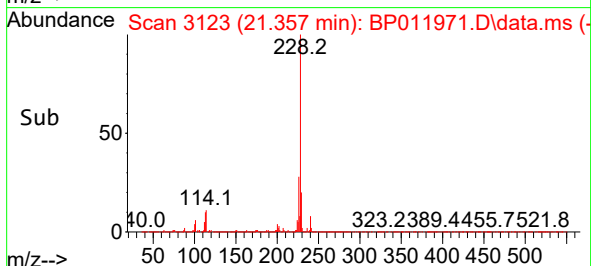
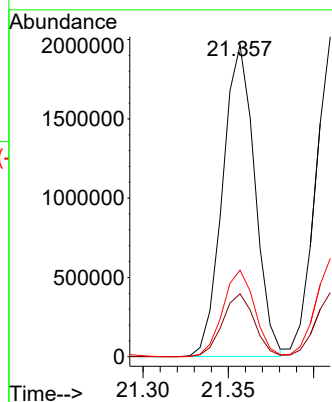
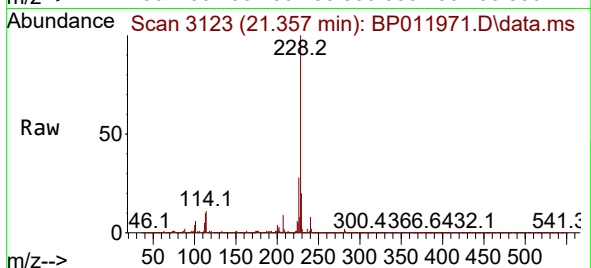
Tgt Ion:228 Resp: 2578855

Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.6

226 27.8 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.064 ng/ul

RT: 21.275 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

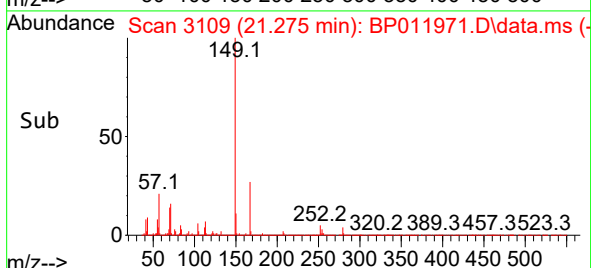
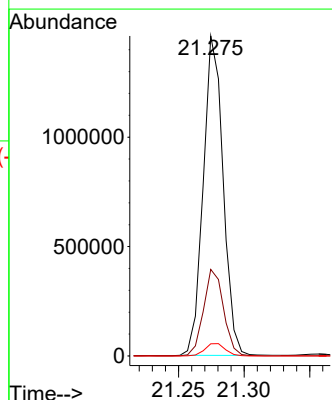
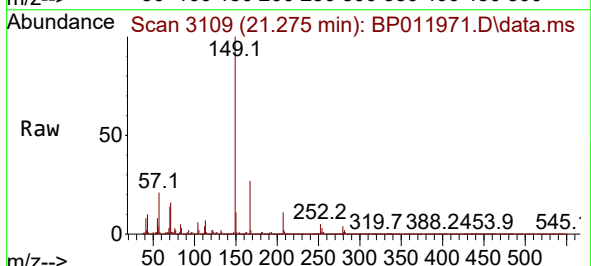
Tgt Ion:149 Resp: 1541254

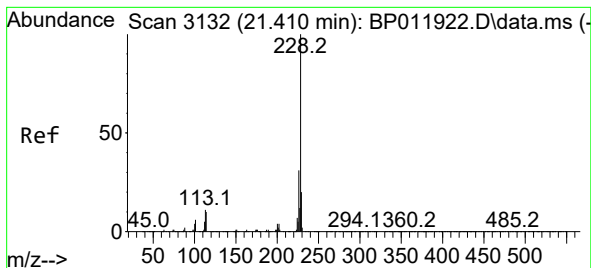
Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

279 3.8 2.9 4.3





#87

Chrysene

Concen: 34.978 ng/ul

RT: 21.410 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Instrument :

BNA_P

ClientSampleId :

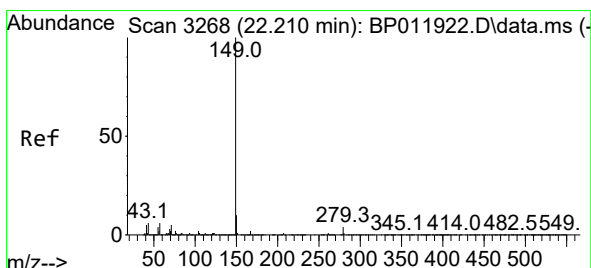
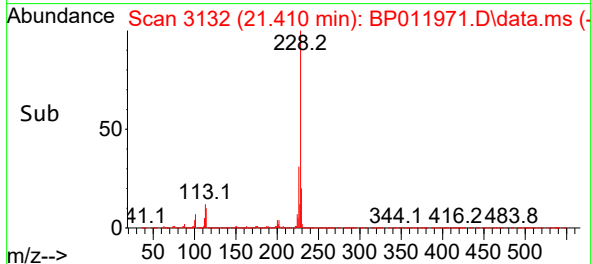
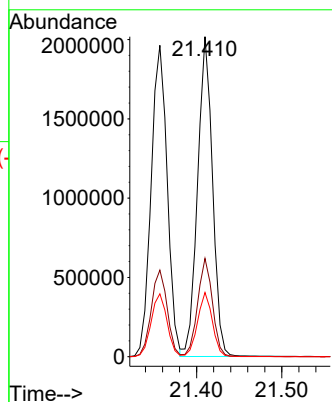
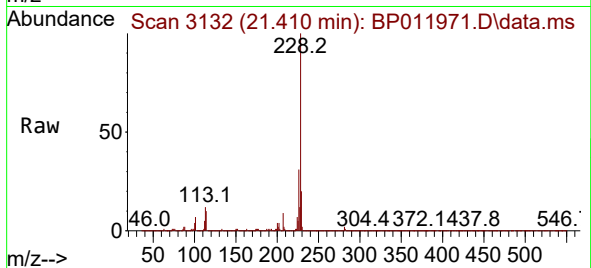
Tgt Ion:228 Resp: 2456135

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

229 20.1 16.2 24.2



#89

Di-n-octyl phthalate

Concen: 35.057 ng/ul

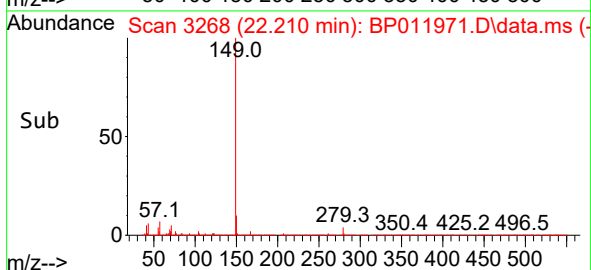
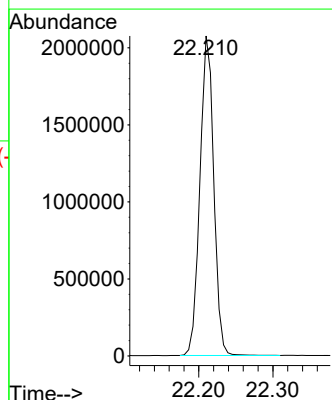
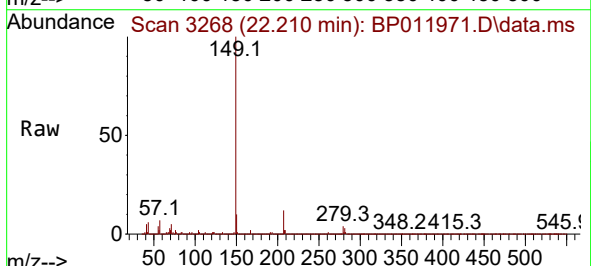
RT: 22.210 min Scan# 3268

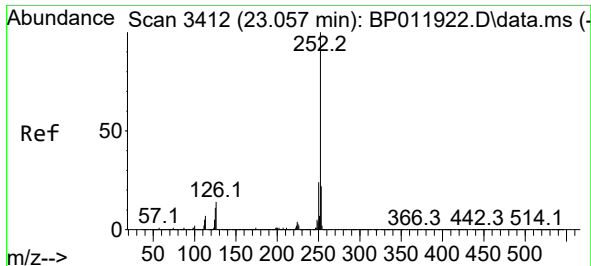
Delta R.T. 0.000 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Tgt Ion:149 Resp: 2684649

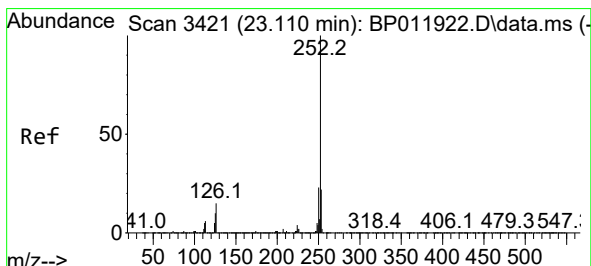
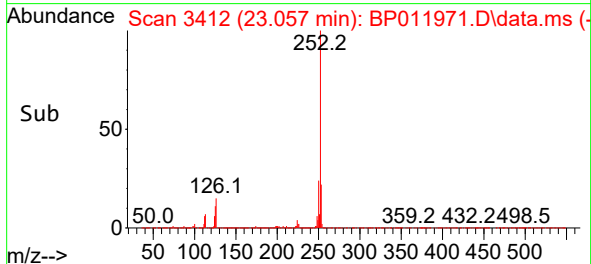
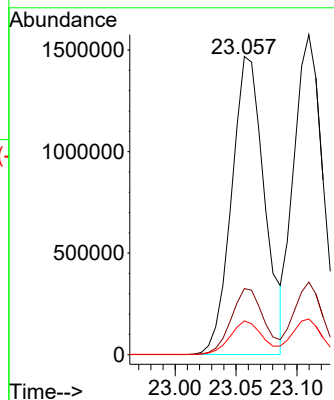
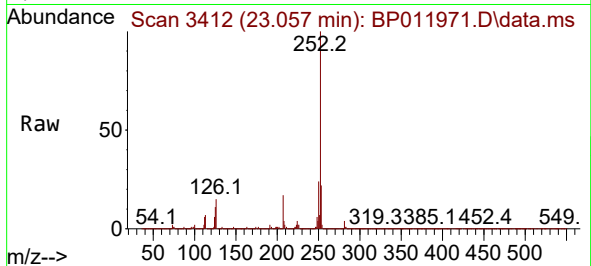




#90
Benzo(b)fluoranthene
Concen: 36.097 ng/ul
RT: 23.057 min Scan# 3412
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

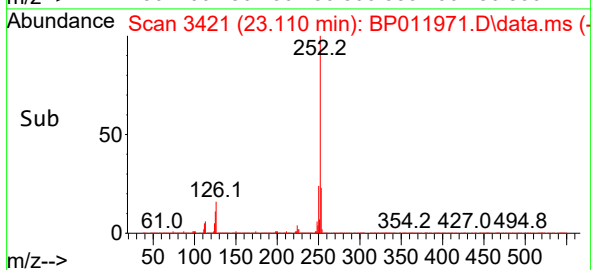
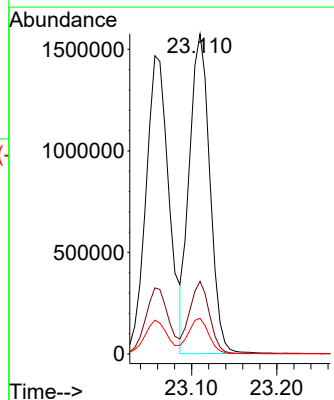
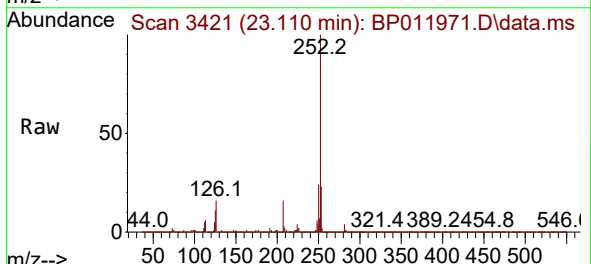
Instrument :
BNA_P
ClientSampleId :

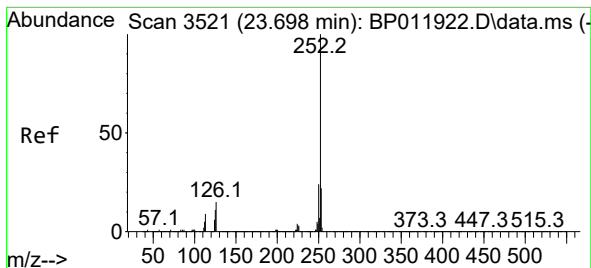
Tgt Ion:252 Resp: 2765461
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.3 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 35.486 ng/ul
RT: 23.110 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP011971.D
Acq: 06 Oct 2022 15:40

Tgt Ion:252 Resp: 2617978
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.2 9.2 13.8





#93

Benzo(a)pyrene

Concen: 35.597 ng/ul

RT: 23.692 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

Instrument :

BNA_P

ClientSampleId :

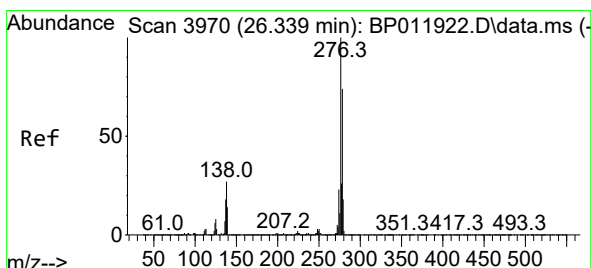
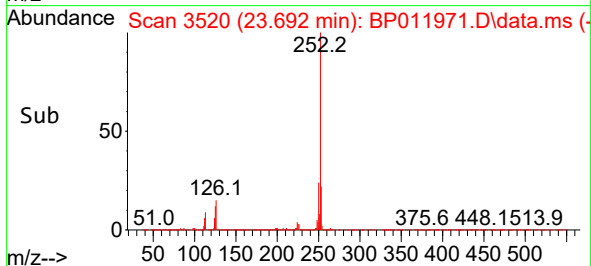
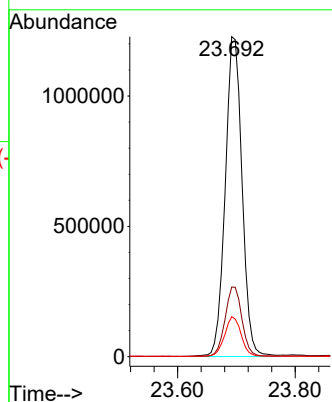
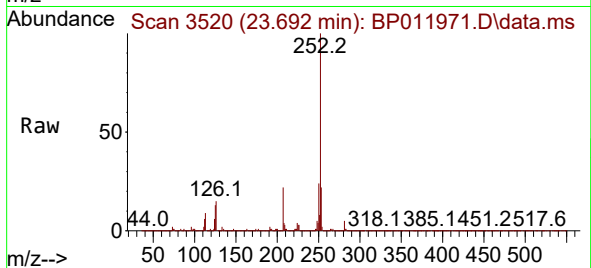
Tgt Ion:252 Resp: 2433783

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 12.5 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.363 ng/ul

RT: 26.333 min Scan# 3969

Delta R.T. -0.006 min

Lab File: BP011971.D

Acq: 06 Oct 2022 15:40

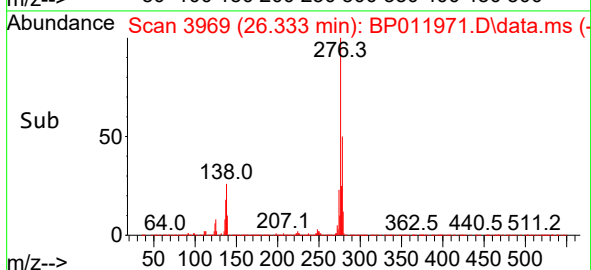
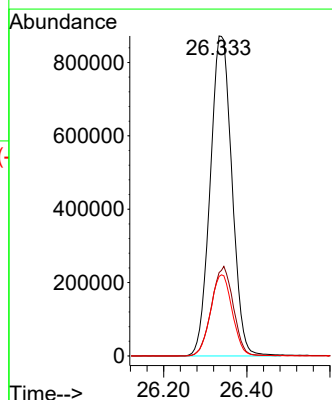
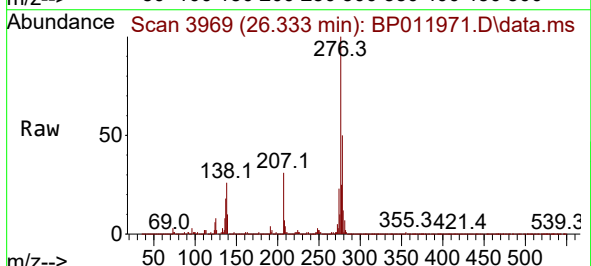
Tgt Ion:276 Resp: 3164441

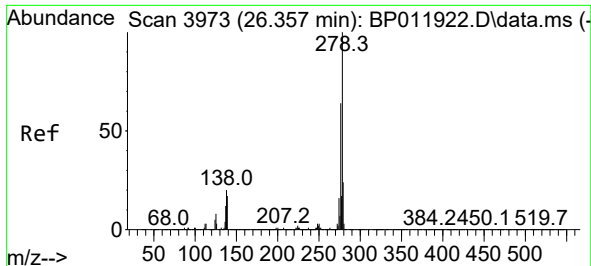
Ion Ratio Lower Upper

276 100

138 26.0 21.4 32.0

277 24.9 19.9 29.9

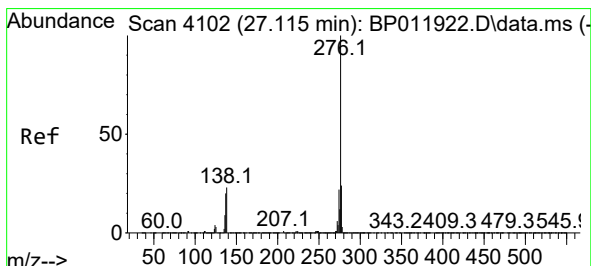
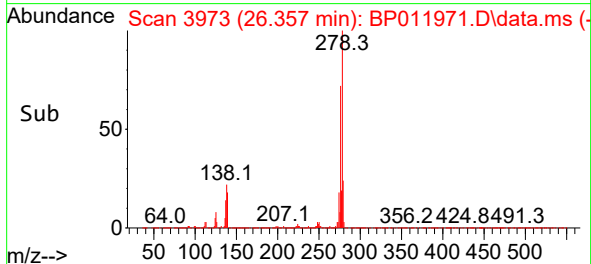
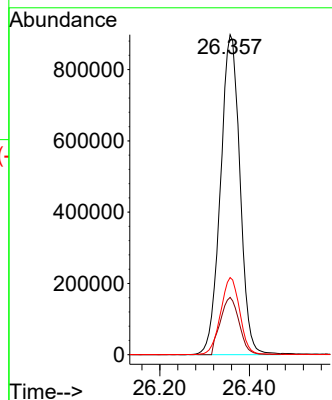
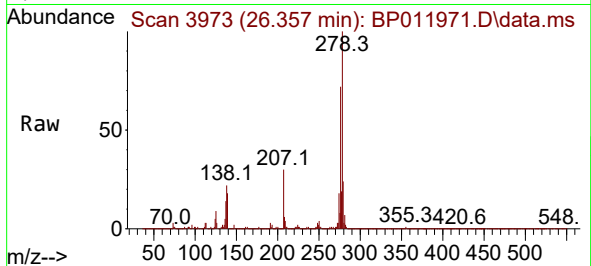




#95
 Dibenzo(a,h)anthracene
 Concen: 35.099 ng/ul
 RT: 26.357 min Scan# 3973
 Delta R.T. 0.000 min
 Lab File: BP011971.D
 Acq: 06 Oct 2022 15:40

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 2713388
 Ion Ratio Lower Upper
 278 100
 139 17.9 15.0 22.6
 279 24.1 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 34.422 ng/ul
 RT: 27.121 min Scan# 4103
 Delta R.T. 0.006 min
 Lab File: BP011971.D
 Acq: 06 Oct 2022 15:40

Tgt Ion:276 Resp: 2655666
 Ion Ratio Lower Upper
 276 100
 138 23.4 19.8 29.6
 277 23.7 18.6 27.8

