

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013073.D
 Acq On : 11 Dec 2022 10:38
 Operator : CG/JU
 Sample : PB149495BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 03:35:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 01:32:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	586836	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	2543454	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1654166	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	3719259	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	3276279	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	3022180	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	81471	5.936	ng/uL	0.00
4) Pyridine-d5	3.776	84	1184024	30.369	ng/ul	0.00
7) Phenol-d5	7.128	99	1721426	36.014	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	1011812	35.091	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	1368604	36.372	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	1387072	35.416	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	682205	36.506	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	793315	37.708	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	1493978	36.560	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1768119	30.649	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	4406443	34.661	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	4994146	35.750	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	850187	37.178	ng/ul	0.00
60) Fluorene-d10	15.604	176	3819068	35.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	851053	35.558	ng/ul	0.00
73) Anthracene-d10	17.463	188	6079150	36.230	ng/ul	0.00
81) Pyrene-d10	19.692	212	7158030	38.063	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	5623747	37.333	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	171253	11.952	ng/uL	95
5) Pyridine	3.799	79	1229430	31.728	ng/ul	99
6) Benzaldehyde	7.105	77	841692	44.970	ng/ul	98
8) Phenol	7.152	94	1764854	36.517	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	1373922	34.636	ng/ul	98
12) 2-Chlorophenol	7.528	128	1397862	36.227	ng/ul	98
13) 2-Methylphenol	8.411	108	1343875	35.667	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.505	45	1987303	36.510	ng/ul	99
16) Acetophenone	8.799	105	2095405	34.893	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.787	70	1055934	34.967	ng/ul	98
18) 4-Methylphenol	8.746	108	1482163	35.515	ng/ul	100
19) Hexachloroethane	9.058	117	536800	34.812	ng/ul	100
22) Nitrobenzene	9.181	77	1577049	35.963	ng/ul	100
23) Isophorone	9.710	82	3079851	34.734	ng/ul	99
25) 2-Nitrophenol	9.893	139	842530	36.960	ng/ul	98
26) 2,4-Dimethylphenol	9.952	107	1537967	34.579	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.187	93	1882553	33.204	ng/ul	100
29) 2,4-Dichlorophenol	10.428	162	1450947	36.247	ng/ul	100
30) Naphthalene	10.834	128	4524261	34.012	ng/ul	100
32) 4-Chloroaniline	10.946	127	1537744	26.936	ng/ul	99
33) Hexachlorobutadiene	11.116	225	956055	34.785	ng/ul	96
34) Caprolactam	11.734	113	294604	21.584	ng/ul	98
35) 4-Chloro-3-methylphenol	12.063	107	1523399	37.292	ng/ul	97
36) 2-Methylnaphthalene	12.440	142	3171792	34.757	ng/ul	100

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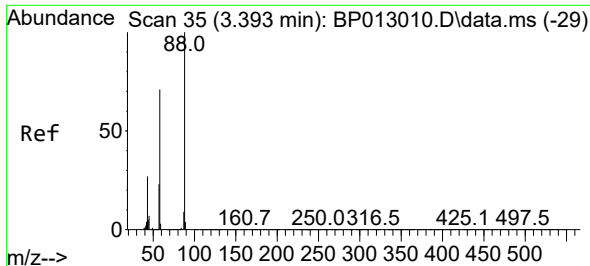
Quant Time: Dec 12 03:35:34 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	3196094	34.056	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	1901866	35.706	ng/ul	99
40) Hexachlorocyclopentadiene	12.781	237	808219	23.317	ng/ul	99
41) 2,4,6-Trichlorophenol	13.040	196	1229410	35.915	ng/ul	100
42) 2,4,5-Trichlorophenol	13.110	196	1370563	37.274	ng/ul	100
43) 1,1'-Biphenyl	13.440	154	4220554	33.973	ng/ul	100
44) 2-Chloronaphthalene	13.487	162	3418402	34.961	ng/ul	99
45) 2-Nitroaniline	13.693	65	984754	41.540	ng/ul	99
47) Dimethylphthalate	14.063	163	4379930	34.760	ng/ul	100
48) 2,6-Dinitrotoluene	14.187	165	924413	39.477	ng/ul	98
50) Acenaphthylene	14.334	152	5202697	34.642	ng/ul	100
51) 3-Nitroaniline	14.516	138	945440	42.758	ng/ul	99
52) Acenaphthene	14.675	153	3624638	34.828	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	558400	34.886	ng/ul	97
55) 4-Nitrophenol	14.822	109	602457	38.610	ng/ul	99
56) Dibenzofuran	15.010	168	5131016	34.676	ng/ul	99
57) 2,4-Dinitrotoluene	14.975	165	1334245	39.226	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.234	232	1197907	35.699	ng/ul#	97
59) Diethylphthalate	15.428	149	4328400	35.337	ng/ul	98
61) Fluorene	15.657	166	4175385	35.185	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	2199605	35.050	ng/ul	99
63) 4-Nitroaniline	15.681	138	1011987	52.012	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.740	198	834656	35.686	ng/ul	98
67) N-Nitrosodiphenylamine	15.863	169	3672121	35.612	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	1455786	36.043	ng/ul	99
69) Hexachlorobenzene	16.663	284	1702313	35.495	ng/ul	98
70) Atrazine	16.816	200	793930	19.758	ng/ul	99
71) Pentachlorophenol	17.010	266	974046	33.537	ng/ul	99
72) Phenanthrene	17.410	178	6997017	36.119	ng/ul	100
74) Anthracene	17.498	178	7021704	36.301	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	1910043	35.995	ng/ul	99
76) Pentachlorobenzene	14.928	250	1866763	34.505	ng/ul	99
77) Carbazole	17.769	167	6368810	39.096	ng/ul	99
78) Di-n-butylphthalate	18.310	149	7541641	38.023	ng/ul	100
80) Fluoranthene	19.369	202	8342343	39.085	ng/ul	100
82) Pyrene	19.722	202	8506349	38.634	ng/ul	99
83) Butylbenzylphthalate	20.586	149	3381952	39.760	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	2655988	35.885	ng/ul	100
85) Benzo(a)anthracene	21.433	228	8118841	37.329	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	4895769	40.803	ng/ul	98
87) Chrysene	21.492	228	7553481	36.724	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	8237410	48.652	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	7499917	38.917	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	7028833	36.781	ng/ul	99
93) Benzo(a)pyrene	23.833	252	6278366	37.415	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.545	276	7138286	34.151	ng/ul	100
95) Dibenzo(a,h)anthracene	26.563	278	6364182	36.775	ng/ul	100
96) Benzo(g,h,i)perylene	27.345	276	5828362	34.733	ng/ul	100

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

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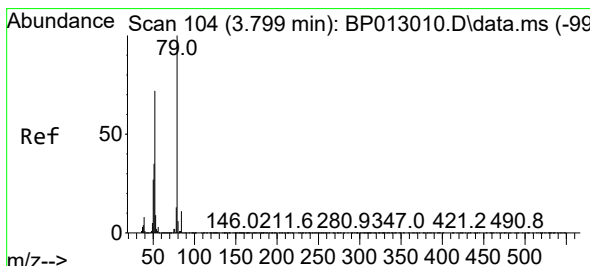
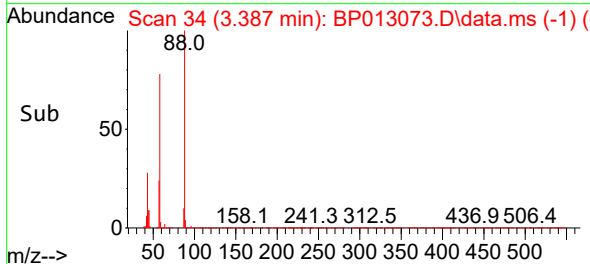
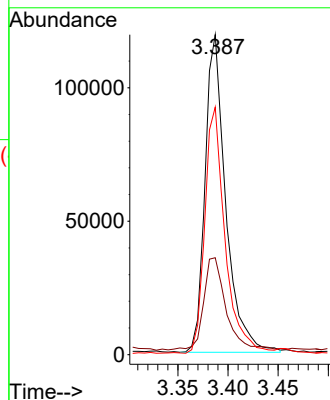
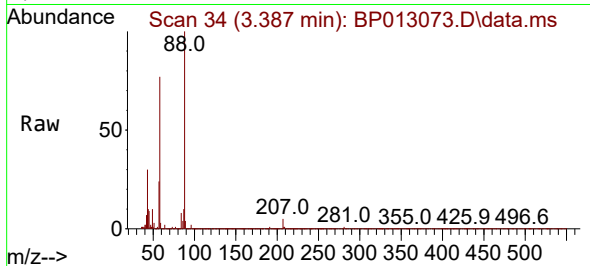




#2
1,4-Dioxane
Concen: 11.952 ng/uL
RT: 3.387 min Scan# 34
Delta R.T. 0.000 min
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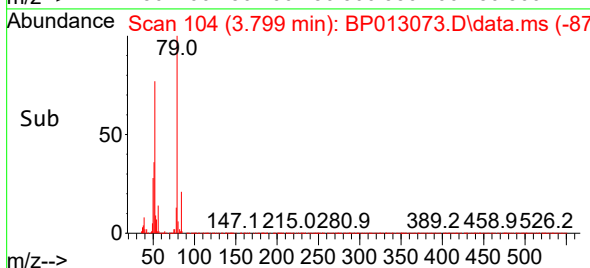
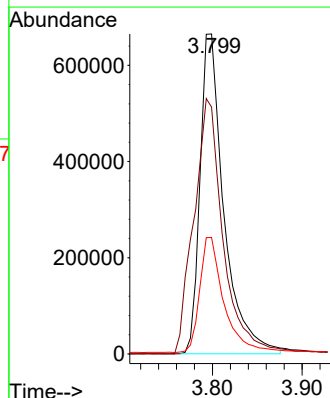
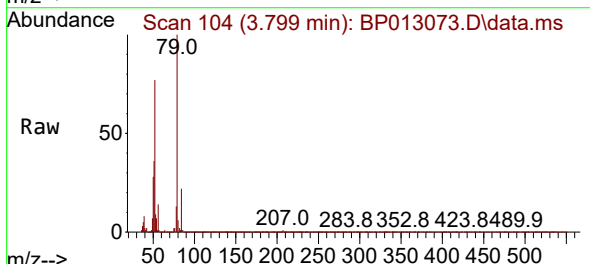
Instrument :
BNA_P
ClientSampleId :

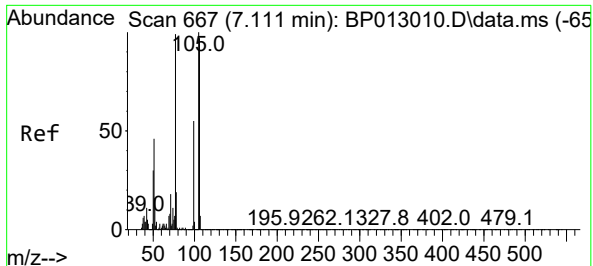
Tgt Ion: 88 Resp: 171253
Ion Ratio Lower Upper
88 100
43 30.3 22.4 33.6
58 77.4 58.2 87.4



#5
Pyridine
Concen: 31.728 ng/uL
RT: 3.799 min Scan# 104
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion: 79 Resp: 1229430
Ion Ratio Lower Upper
79 100
52 77.2 60.7 91.1
51 36.4 28.9 43.3

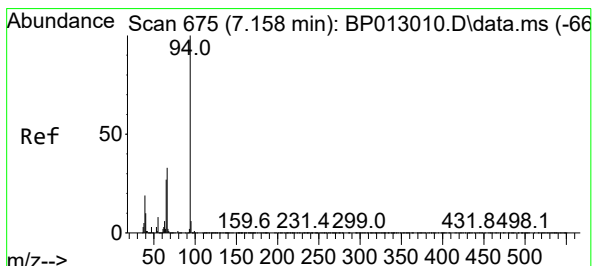
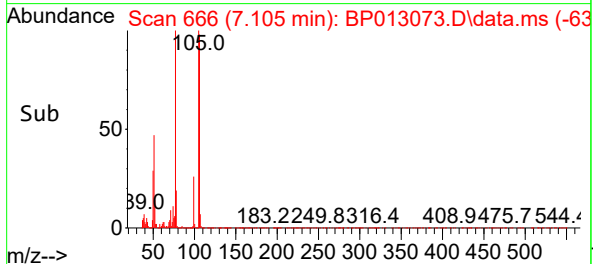
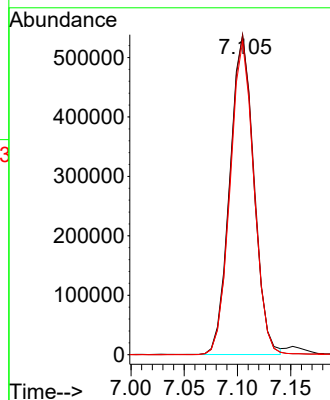
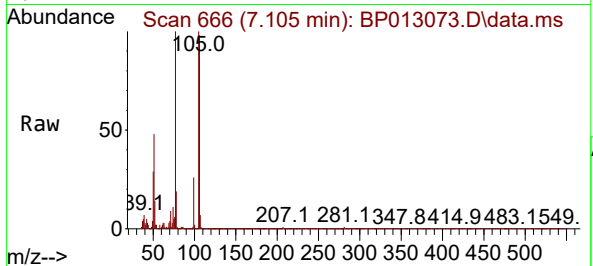




#6
Benzaldehyde
Concen: 44.970 ng/ul
RT: 7.105 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

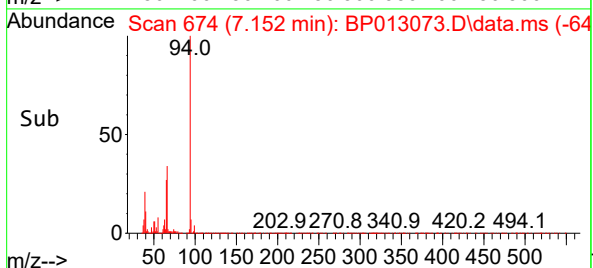
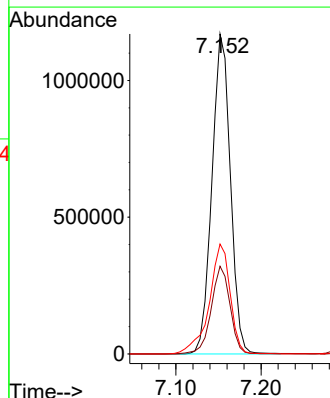
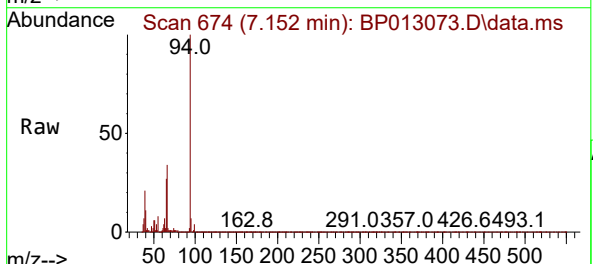
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BNA_P
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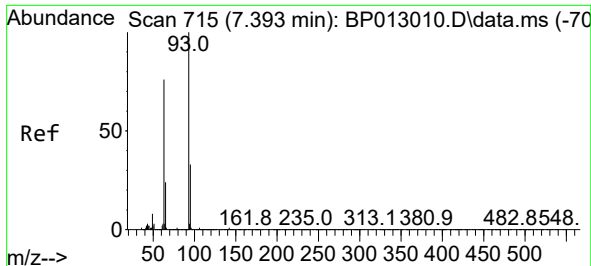
Tgt Ion: 77 Resp: 841692
Ion Ratio Lower Upper
77 100
105 100.2 81.5 122.3
106 98.0 76.9 115.3



#8
Phenol
Concen: 36.517 ng/ul
RT: 7.152 min Scan# 674
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

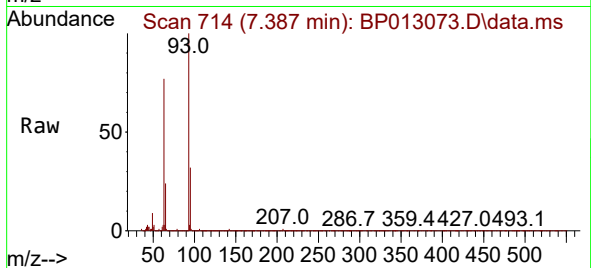
Tgt Ion: 94 Resp: 1764854
Ion Ratio Lower Upper
94 100
65 27.4 21.1 31.7
66 34.4 27.0 40.6





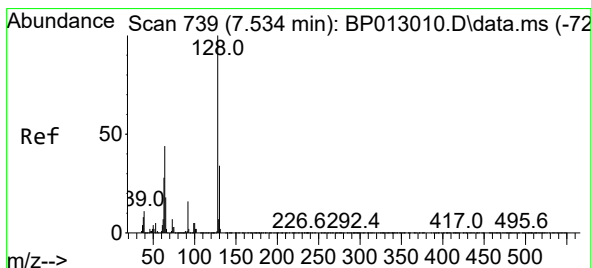
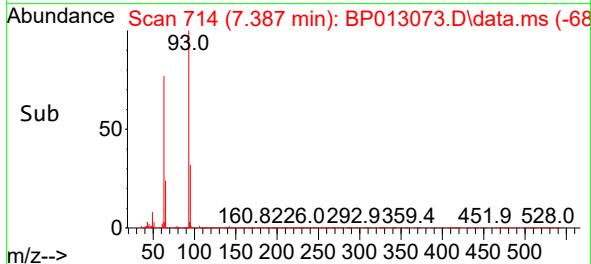
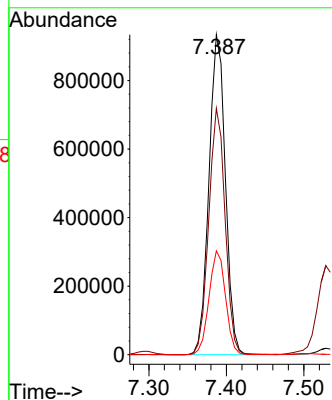
#10
Bis(2-Chloroethyl)ether
Concen: 34.636 ng/ul
RT: 7.387 min Scan# 715
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 93 Resp: 1373922

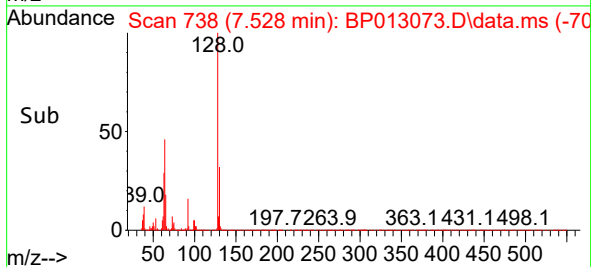
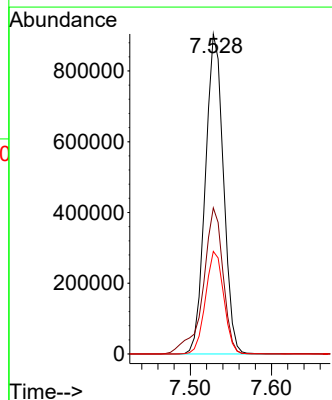
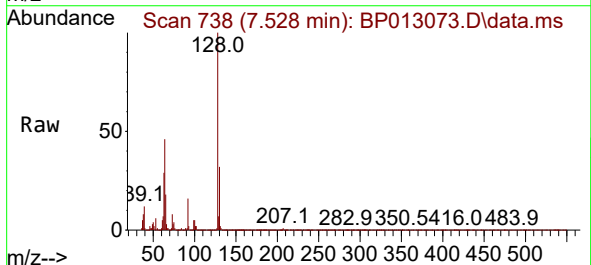
Ion	Ratio	Lower	Upper
93	100		
63	77.0	59.8	89.8
95	32.4	26.4	39.6

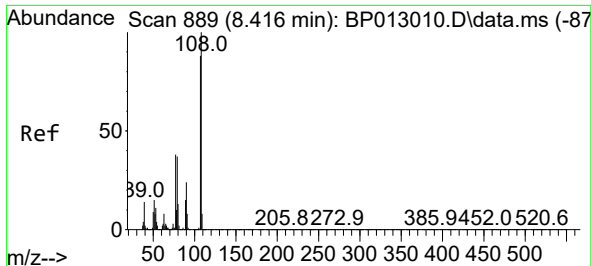


#12
2-Chlorophenol
Concen: 36.227 ng/ul
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:128 Resp: 1397862

Ion	Ratio	Lower	Upper
128	100		
64	45.7	34.9	52.3
130	32.0	25.8	38.6





#13

2-Methylphenol

Concen: 35.667 ng/ul

RT: 8.411 min Scan# 889

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

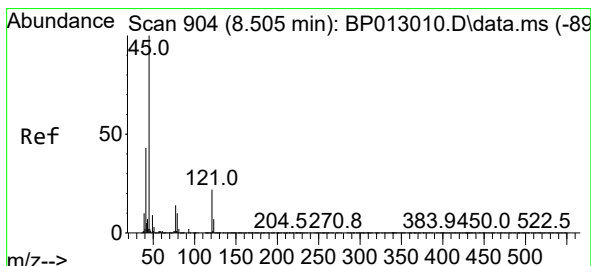
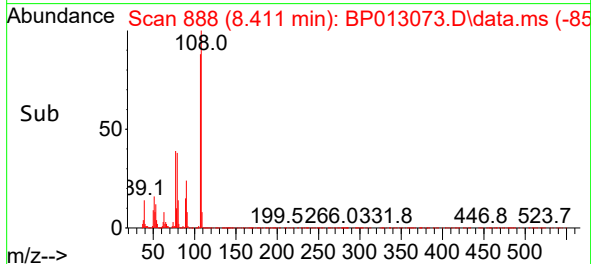
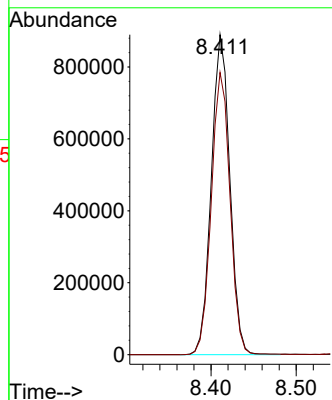
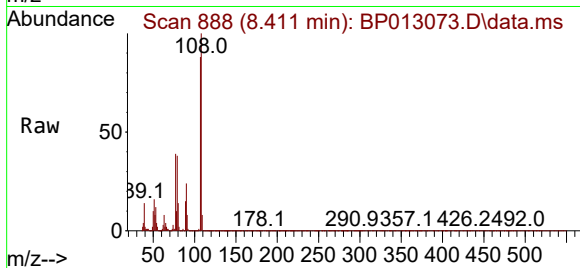
ClientSampleId :

Tgt Ion:108 Resp: 1343875

Ion Ratio Lower Upper

108 100

107 88.2 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.510 ng/ul

RT: 8.505 min Scan# 904

Delta R.T. 0.000 min

Lab File: BP013073.D

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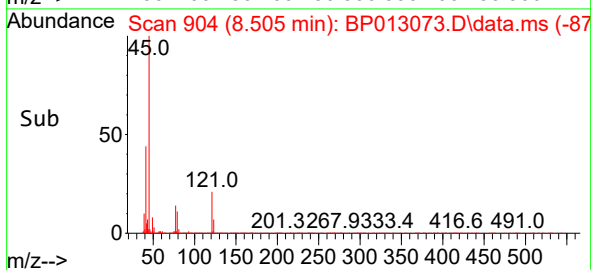
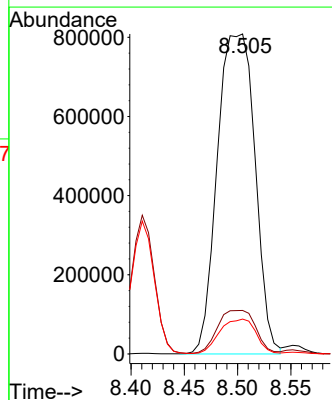
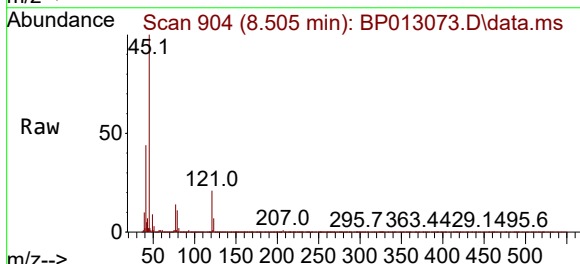
Tgt Ion: 45 Resp: 1987303

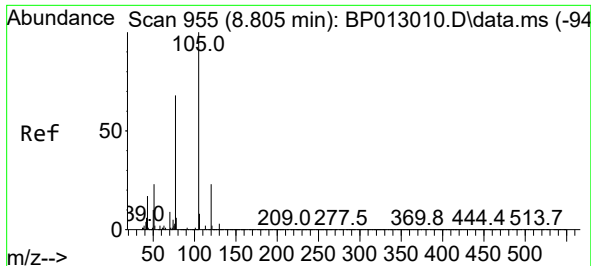
Ion Ratio Lower Upper

45 100

77 13.6 11.0 16.6

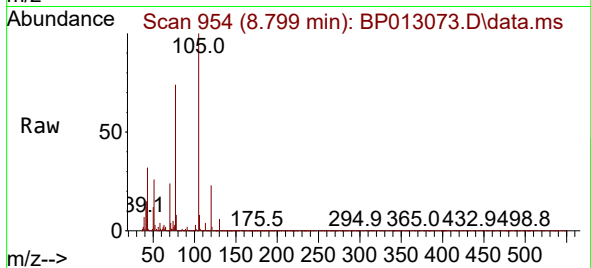
79 10.9 9.3 13.9



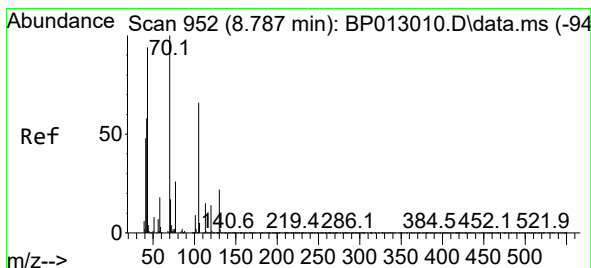
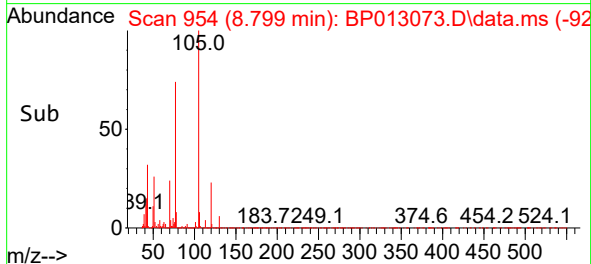
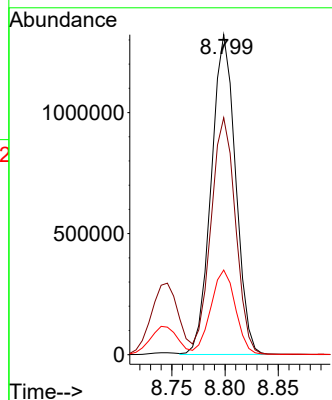


#16
Acetophenone
Concen: 34.893 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013073.D
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ClientSampleId :

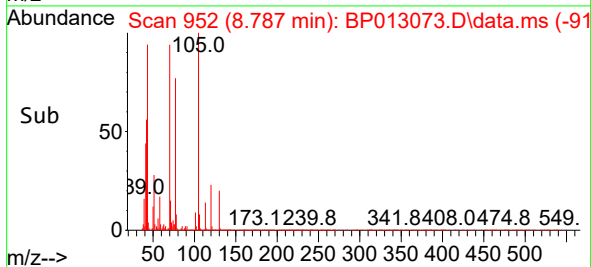
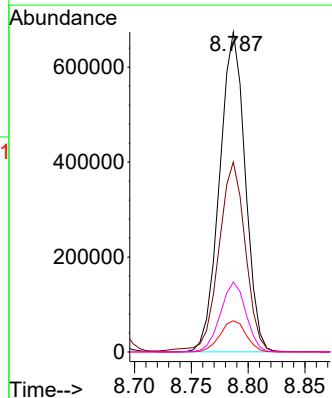
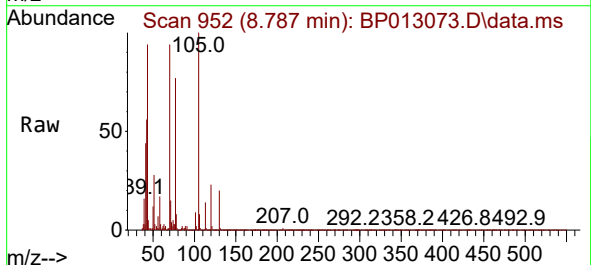


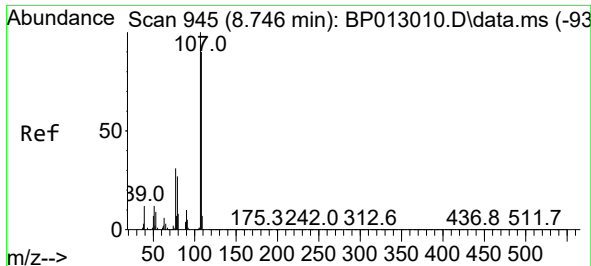
Tgt Ion:105 Resp: 2095405
Ion Ratio Lower Upper
105 100
77 74.1 59.3 88.9
51 26.5 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 34.967 ng/ul
RT: 8.787 min Scan# 952
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion: 70 Resp: 1055934
Ion Ratio Lower Upper
70 100
42 59.4 45.5 68.3
101 9.8 7.9 11.9
130 21.9 17.4 26.2





#18

4-Methylphenol

Concen: 35.515 ng/ul

RT: 8.746 min Scan# 945

Delta R.T. 0.006 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

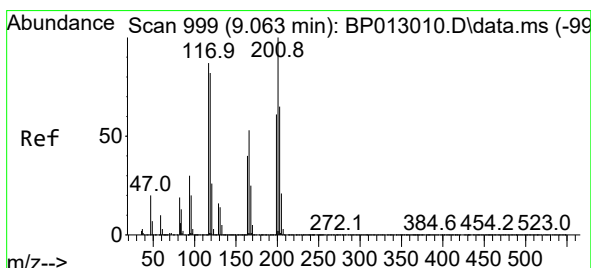
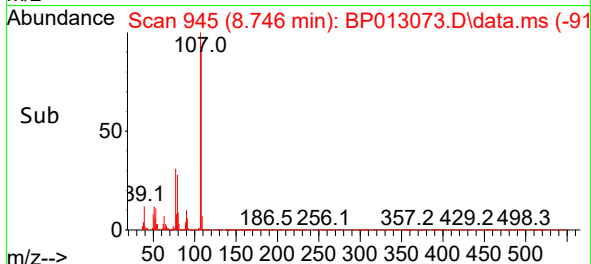
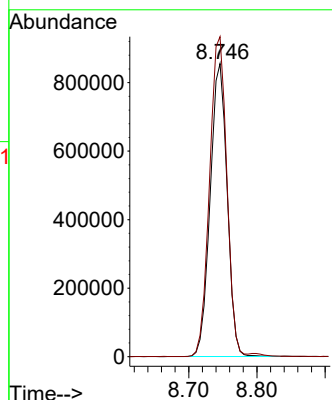
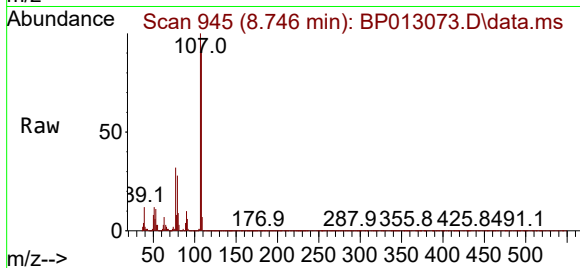
ClientSampleId :

Tgt Ion:108 Resp: 1482163

Ion Ratio Lower Upper

108 100

107 109.2 87.4 131.2



#19

Hexachloroethane

Concen: 34.812 ng/ul

RT: 9.058 min Scan# 998

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

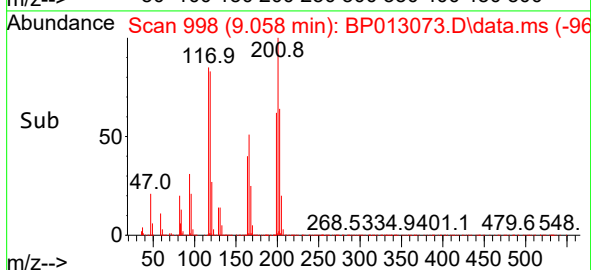
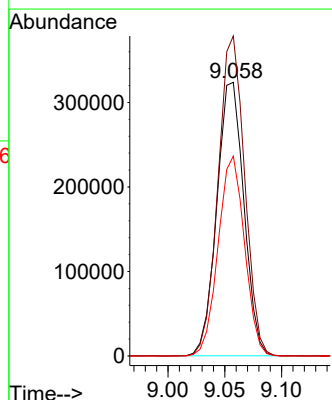
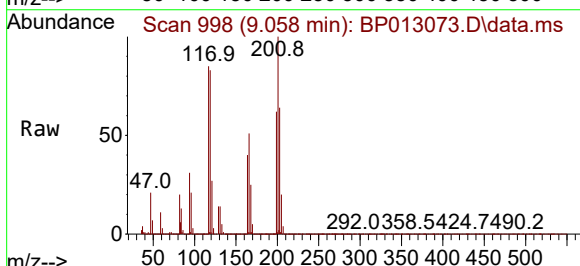
Tgt Ion:117 Resp: 536800

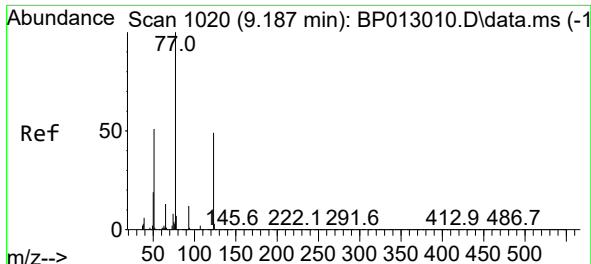
Ion Ratio Lower Upper

117 100

201 117.0 93.7 140.5

199 73.1 58.6 88.0

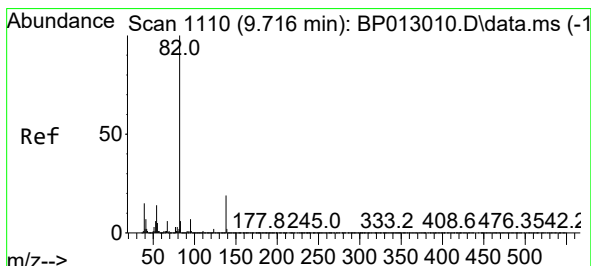
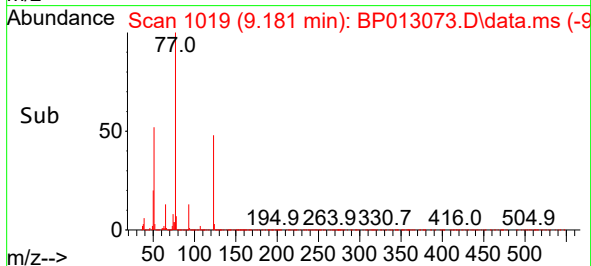
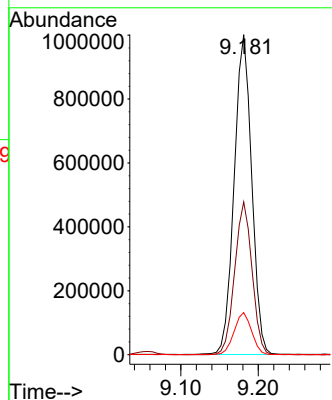
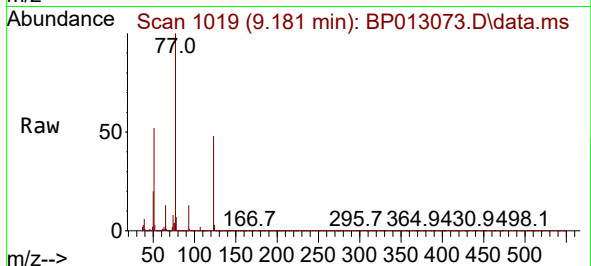




#22
Nitrobenzene
Concen: 35.963 ng/ul
RT: 9.181 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

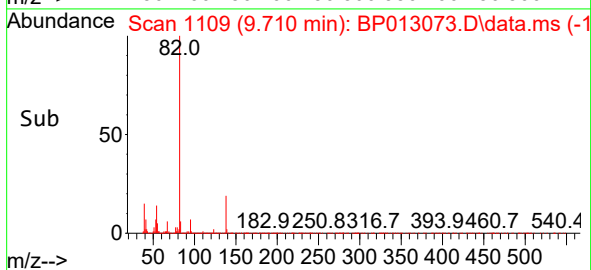
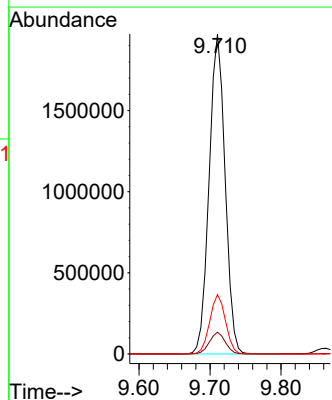
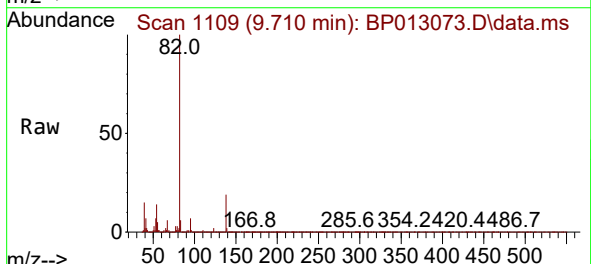
Instrument :
BNA_P
ClientSampleId :

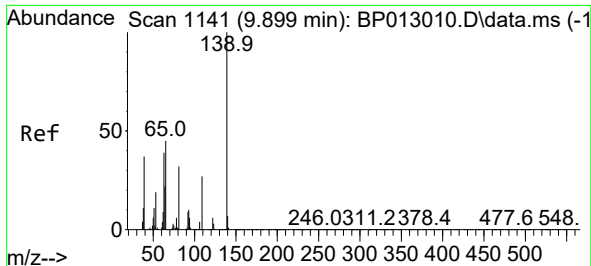
Tgt Ion: 77 Resp: 1577049
Ion Ratio Lower Upper
77 100
123 47.7 38.3 57.5
65 13.1 10.3 15.5



#23
Isophorone
Concen: 34.734 ng/ul
RT: 9.710 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion: 82 Resp: 3079851
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.6 15.3 22.9

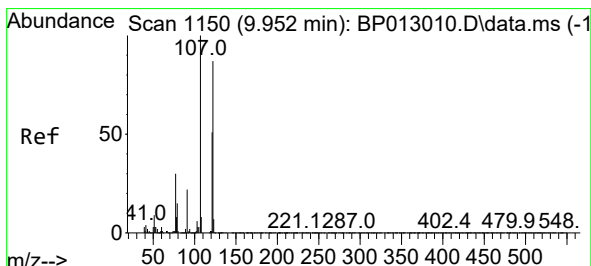
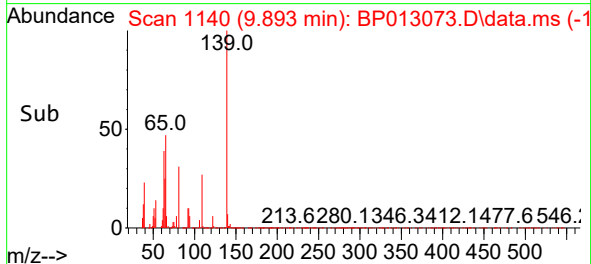
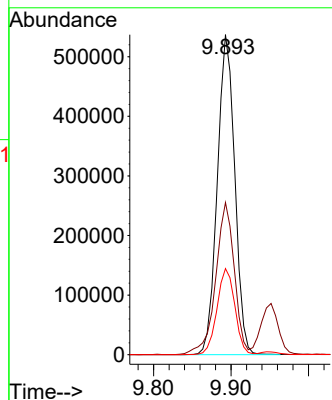
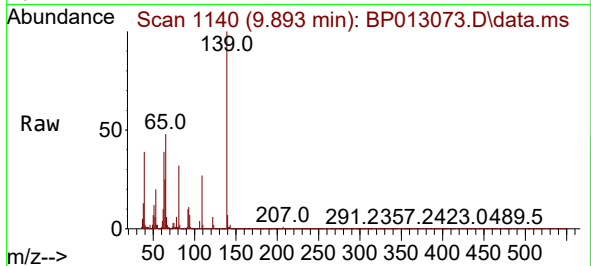




#25
2-Nitrophenol
Concen: 36.960 ng/ul
RT: 9.893 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

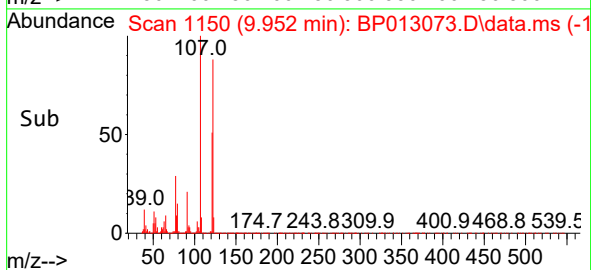
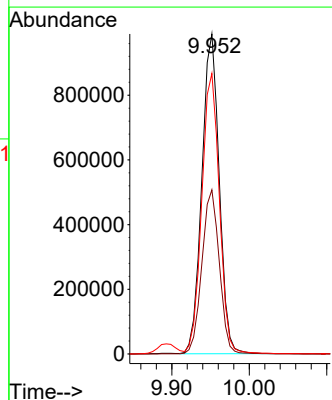
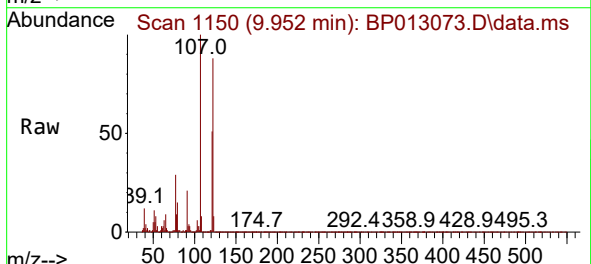
Instrument :
BNA_P
ClientSampleId :

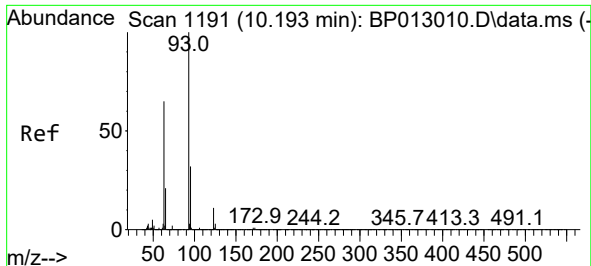
Tgt Ion:139 Resp: 842530
Ion Ratio Lower Upper
139 100
65 47.6 36.6 54.8
109 26.9 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 34.579 ng/ul
RT: 9.952 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:107 Resp: 1537967
Ion Ratio Lower Upper
107 100
121 51.3 41.8 62.6
122 87.7 72.6 108.8

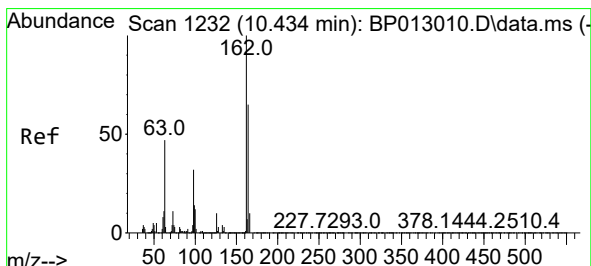
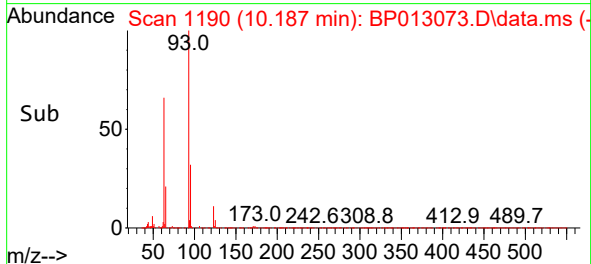
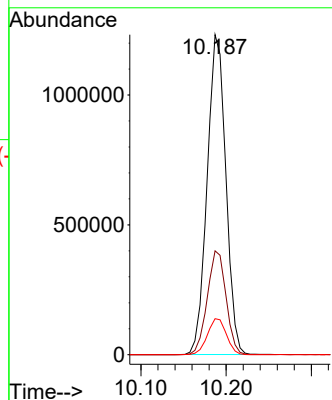
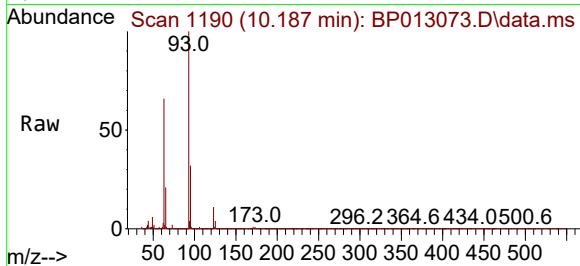




#27
Bis(2-Chloroethoxy)methane
Concen: 33.204 ng/ul
RT: 10.187 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

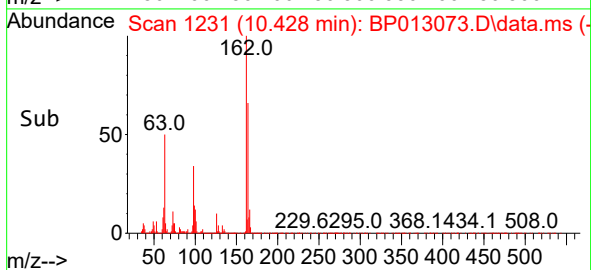
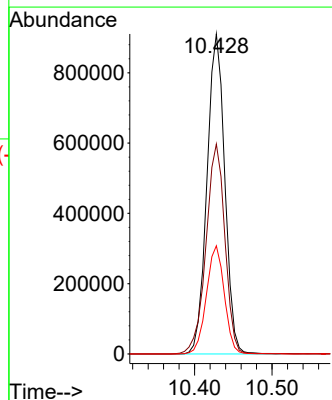
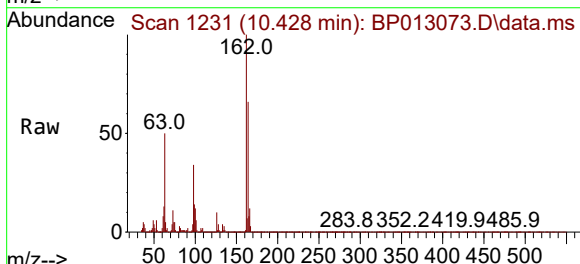
Instrument :
BNA_P
ClientSampleId :

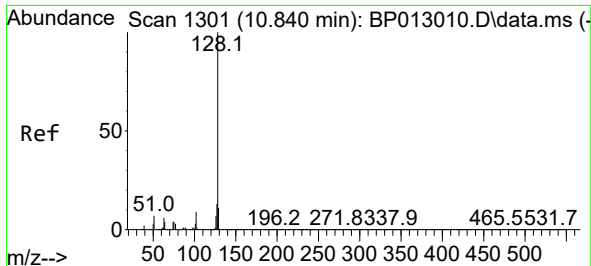
Tgt Ion: 93 Resp: 1882553
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.3 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 36.247 ng/ul
RT: 10.428 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:162 Resp: 1450947
Ion Ratio Lower Upper
162 100
164 65.6 52.5 78.7
98 33.8 26.6 39.8

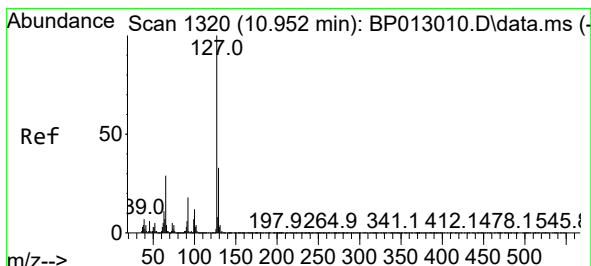
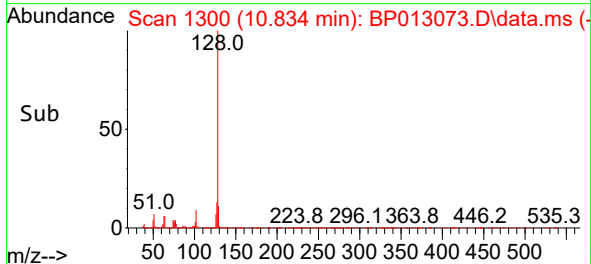
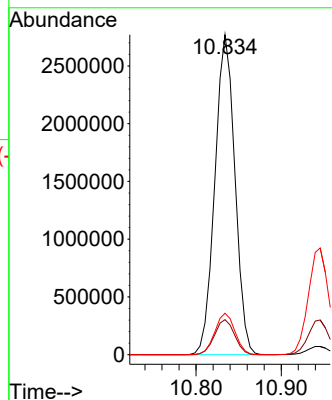
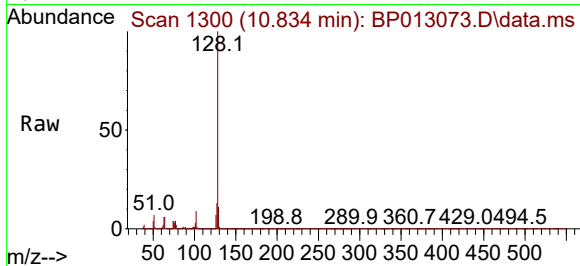




#30
Naphthalene
Concen: 34.012 ng/ul
RT: 10.834 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

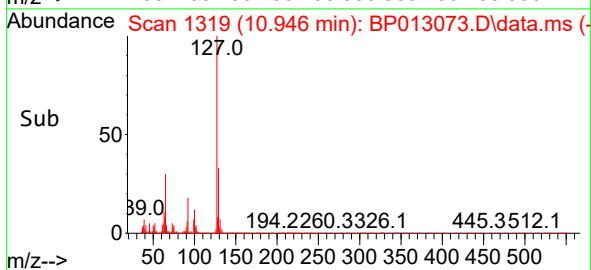
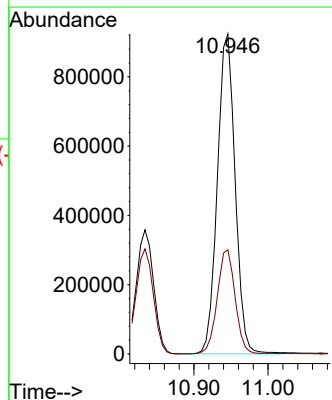
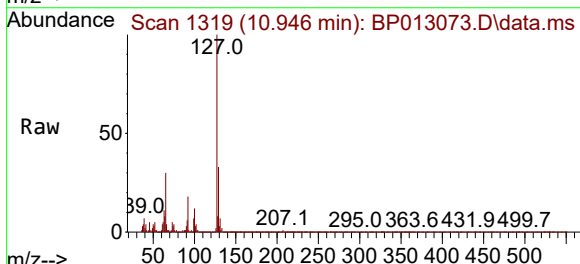
Instrument :
BNA_P
ClientSampleId :

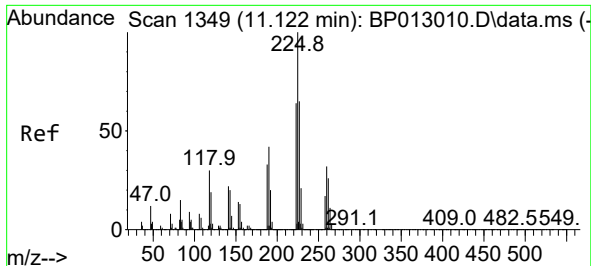
Tgt Ion:128 Resp: 4524261
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 26.936 ng/ul
RT: 10.946 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

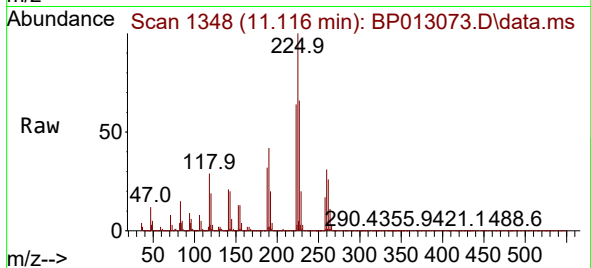
Tgt Ion:127 Resp: 1537744
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4



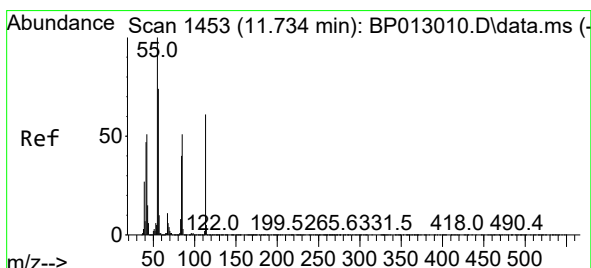
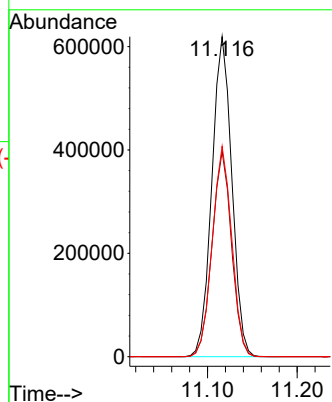
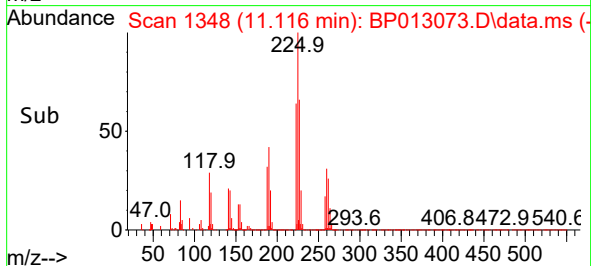


#33
Hexachlorobutadiene
Concen: 34.785 ng/ul
RT: 11.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Instrument :
BNA_P
ClientSampleId :

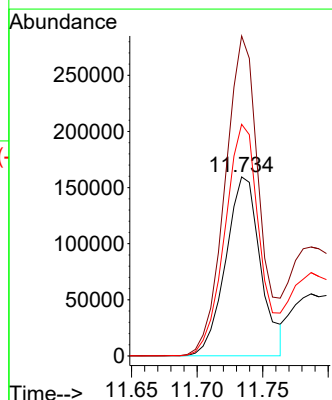
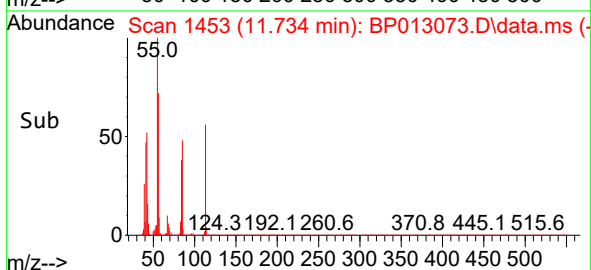
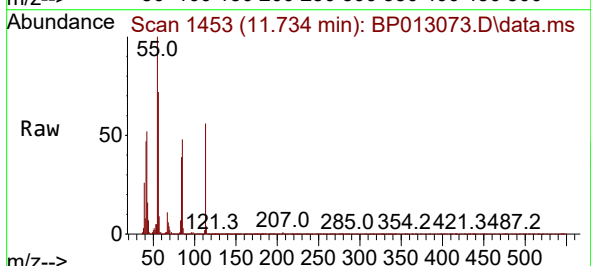


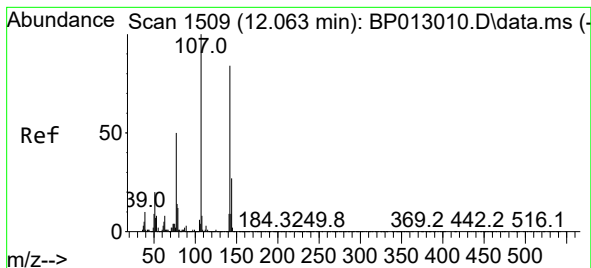
Tgt Ion:225 Resp: 956055
Ion Ratio Lower Upper
225 100
223 64.1 49.2 73.8
227 65.7 50.2 75.2



#34
Caprolactam
Concen: 21.584 ng/ul
RT: 11.734 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:113 Resp: 294604
Ion Ratio Lower Upper
113 100
55 178.7 141.9 212.9
56 129.4 99.6 149.4

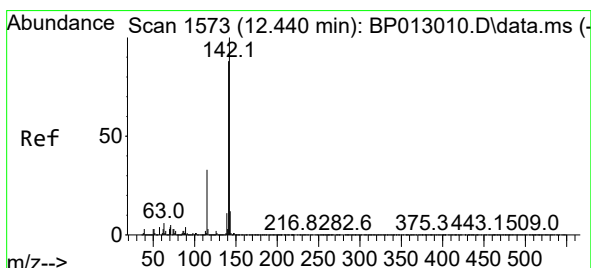
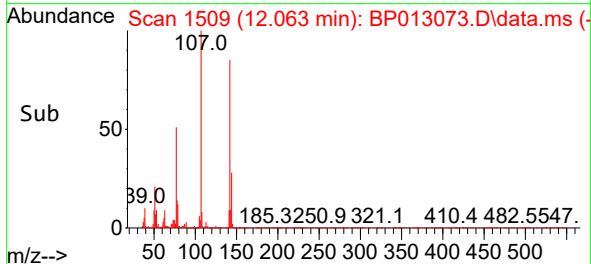
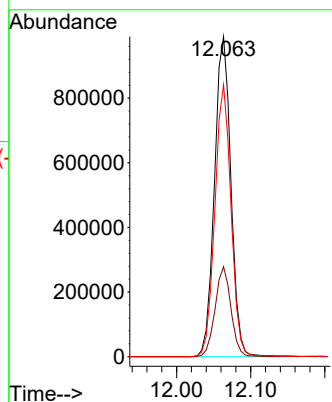
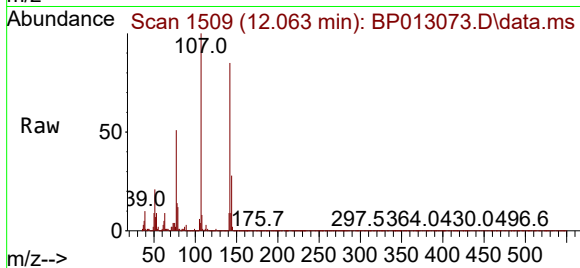




#35
4-Chloro-3-methylphenol
Concen: 37.292 ng/ul
RT: 12.063 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

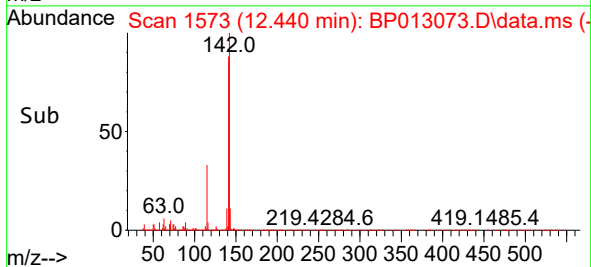
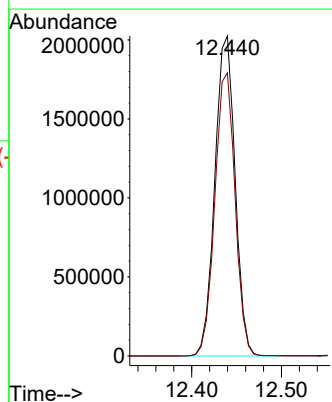
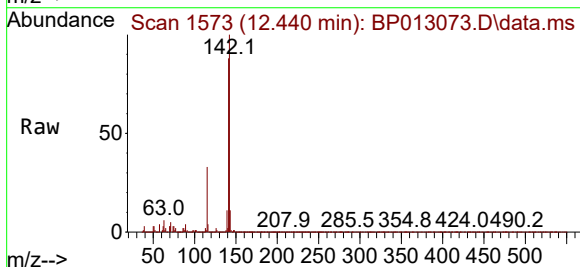
Instrument :
BNA_P
ClientSampleId :

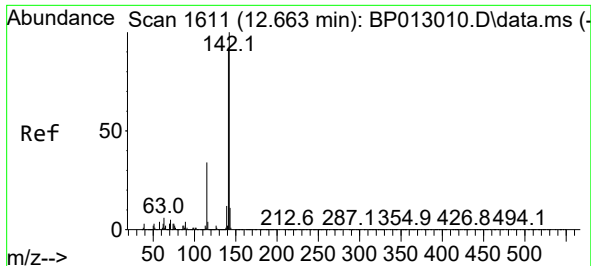
Tgt Ion:107 Resp: 1523399
Ion Ratio Lower Upper
107 100
144 28.1 21.4 32.2
142 85.0 65.8 98.6



#36
2-Methylnaphthalene
Concen: 34.757 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:142 Resp: 3171792
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2

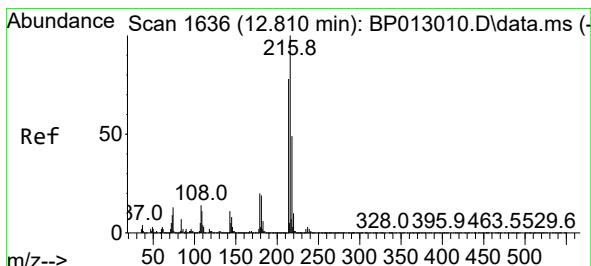
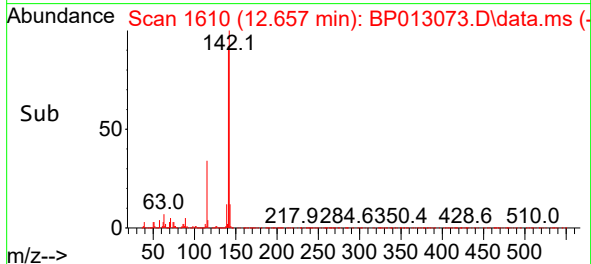
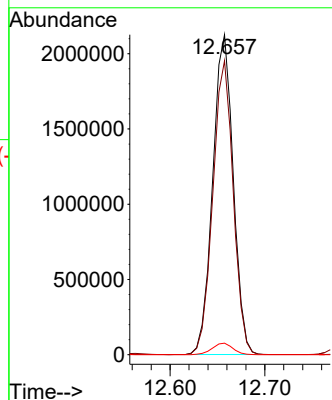
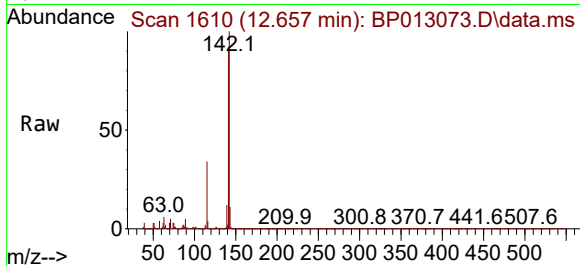




#37
1-Methylnaphthalene
Concen: 34.056 ng/ul
RT: 12.657 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

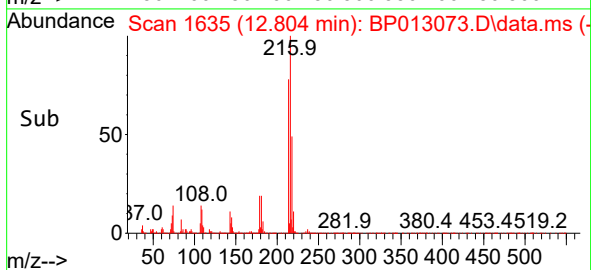
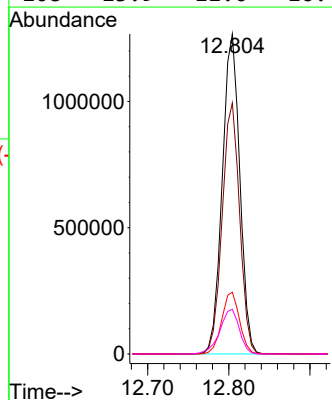
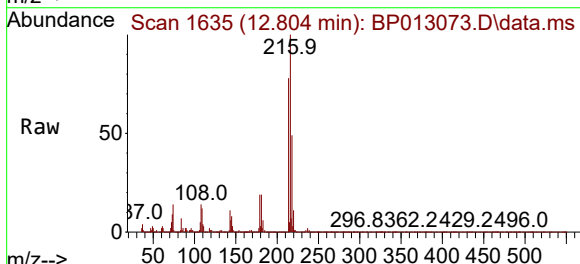
Instrument :
BNA_P
ClientSampleId :

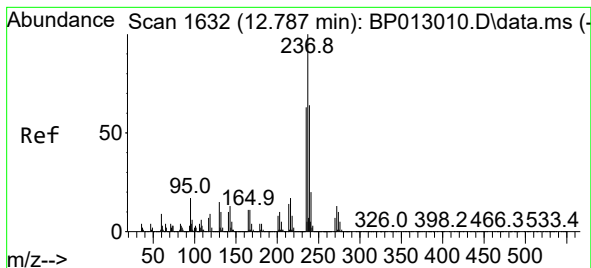
Tgt Ion:142 Resp: 3196094
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1
116 3.6 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.706 ng/ul
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:216 Resp: 1901866
Ion Ratio Lower Upper
216 100
214 78.4 61.9 92.9
179 19.3 15.0 22.6
108 13.9 11.0 16.4





#40

Hexachlorocyclopentadiene

Concen: 23.317 ng/ul

RT: 12.781 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

ClientSampleId :

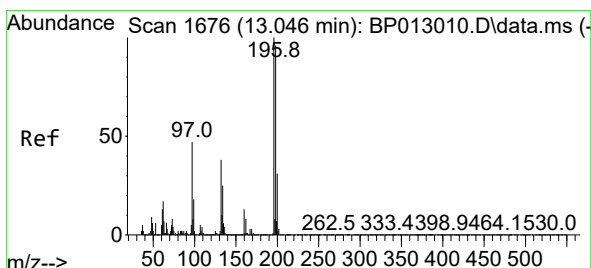
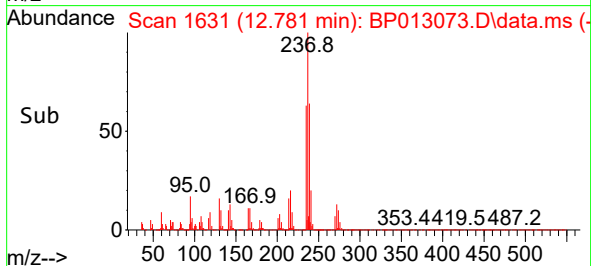
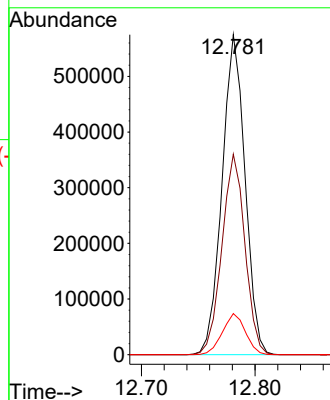
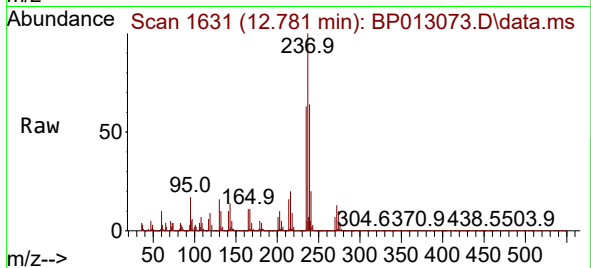
Tgt Ion:237 Resp: 808219

Ion Ratio Lower Upper

237 100

235 62.6 49.7 74.5

272 12.8 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 35.915 ng/ul

RT: 13.040 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

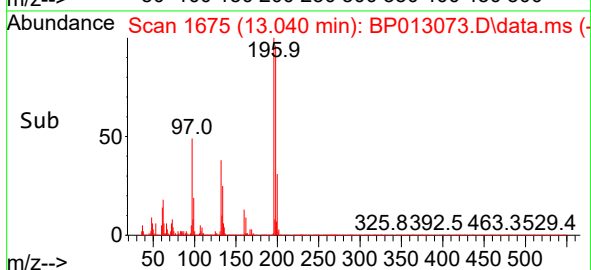
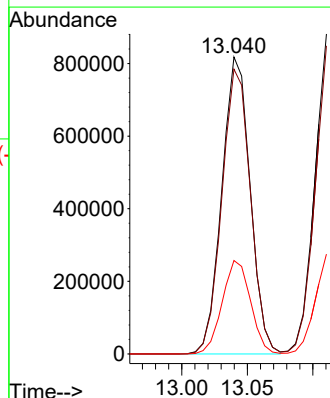
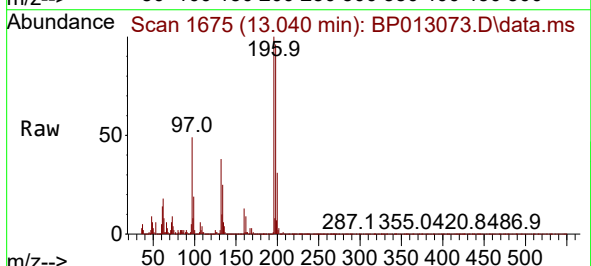
Tgt Ion:196 Resp: 1229410

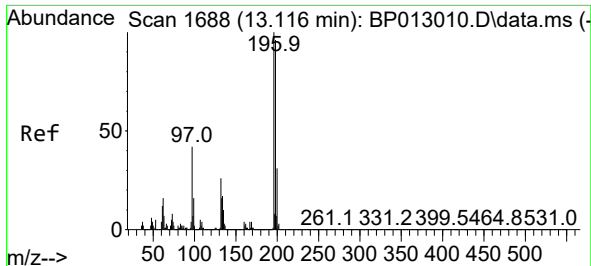
Ion Ratio Lower Upper

196 100

198 95.9 77.0 115.6

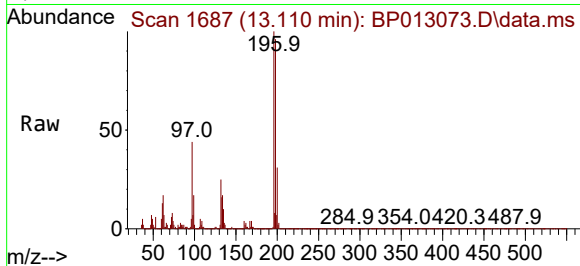
200 31.5 25.3 37.9



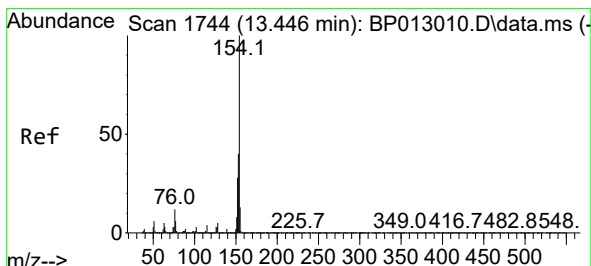
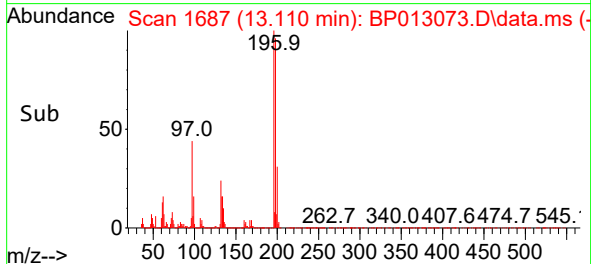
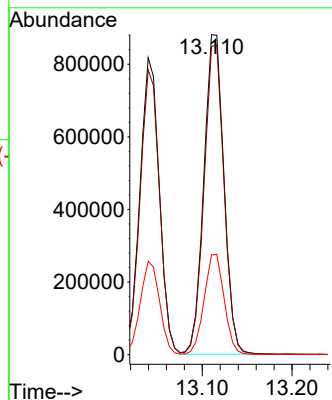


#42
2,4,5-Trichlorophenol
Concen: 37.274 ng/ul
RT: 13.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Instrument :
BNA_P
ClientSampleId :

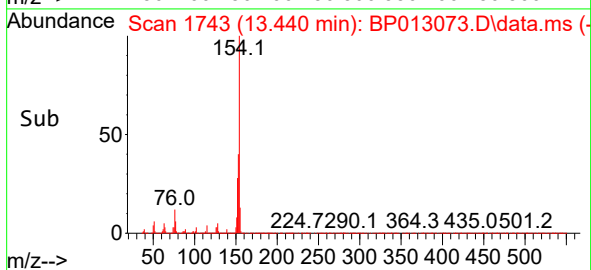
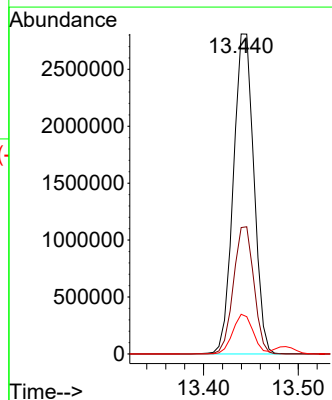
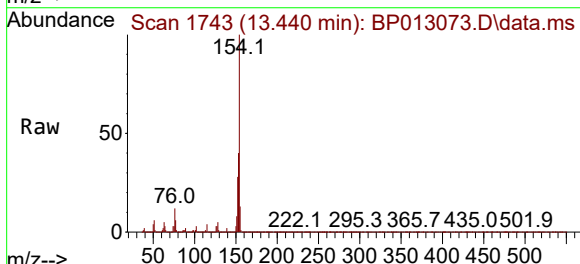


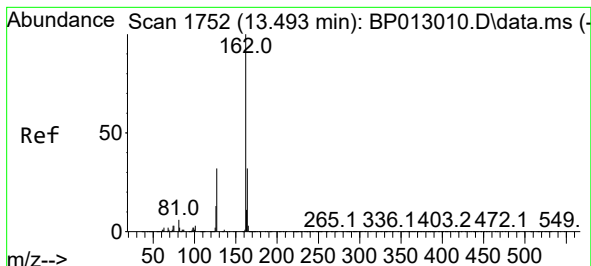
Tgt Ion:196 Resp: 1370563
Ion Ratio Lower Upper
196 100
198 96.3 77.1 115.7
200 31.2 25.4 38.2



#43
1,1'-Biphenyl
Concen: 33.973 ng/ul
RT: 13.440 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:154 Resp: 4220554
Ion Ratio Lower Upper
154 100
153 39.5 31.5 47.3
76 12.4 9.6 14.4





#44

2-Chloronaphthalene

Concen: 34.961 ng/ul

RT: 13.487 min Scan# 1752

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

ClientSampleId :

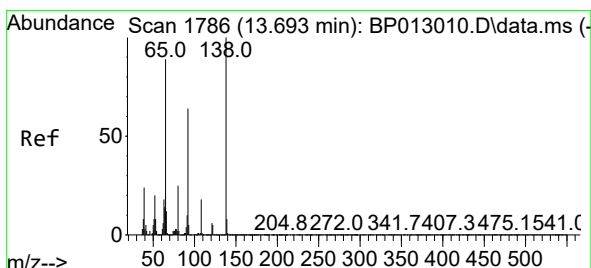
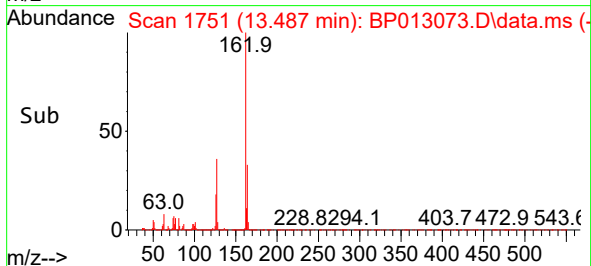
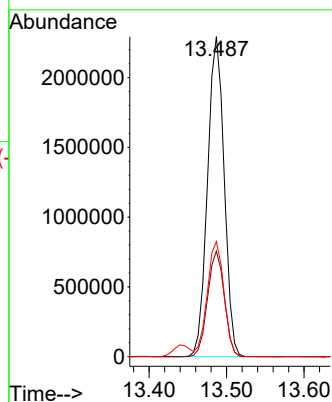
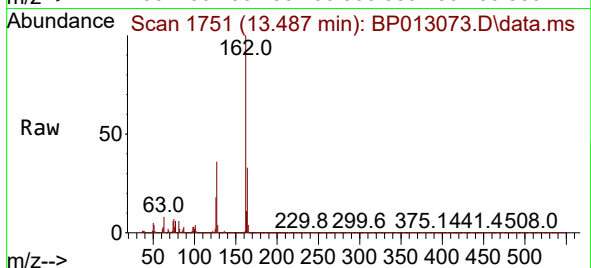
Tgt Ion:162 Resp: 3418402

Ion Ratio Lower Upper

162 100

164 33.0 26.3 39.5

127 35.9 29.3 43.9



#45

2-Nitroaniline

Concen: 41.540 ng/ul

RT: 13.693 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

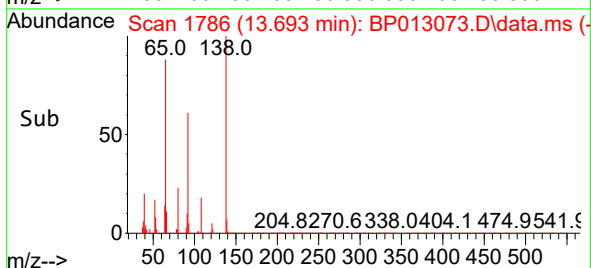
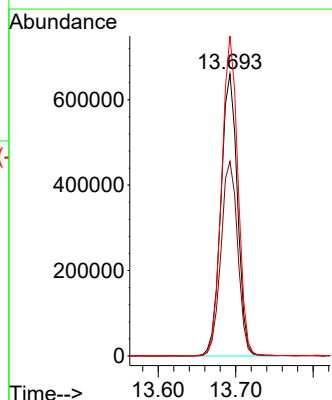
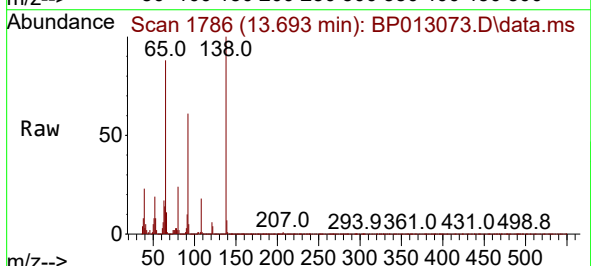
Tgt Ion: 65 Resp: 984754

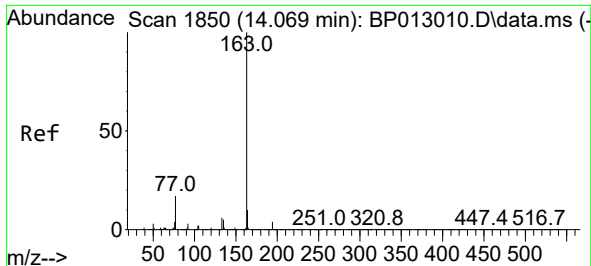
Ion Ratio Lower Upper

65 100

92 69.0 56.4 84.6

138 113.5 90.3 135.5

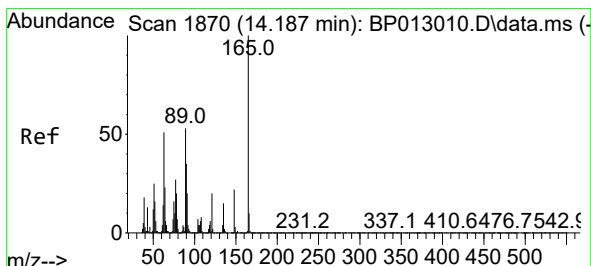
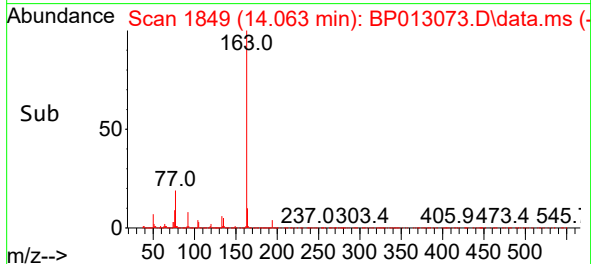
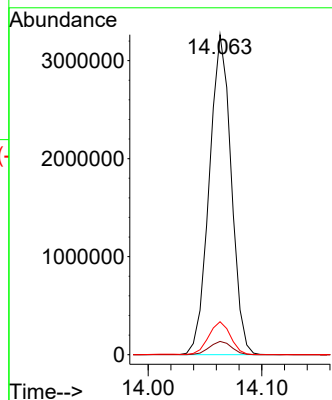
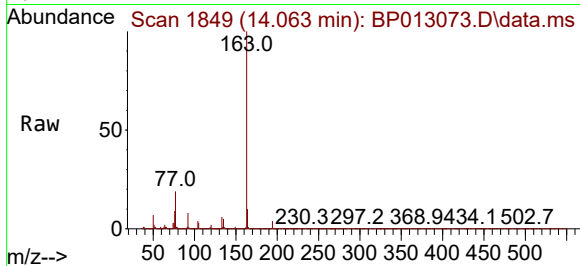




#47
Dimethylphthalate
Concen: 34.760 ng/ul
RT: 14.063 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

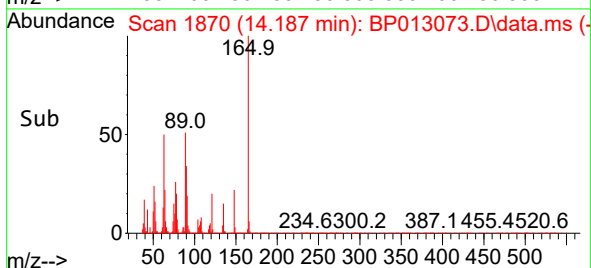
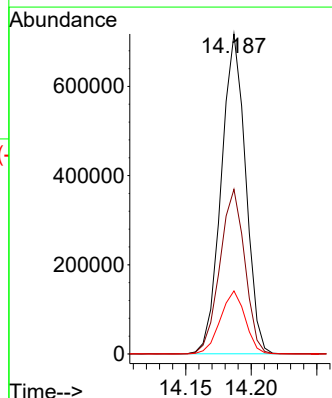
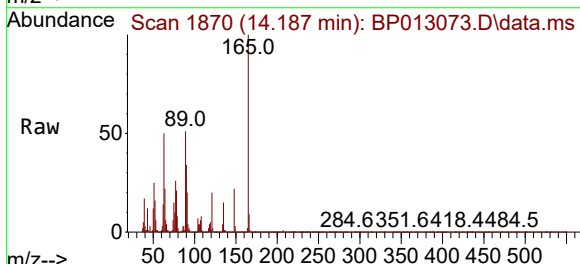
Instrument :
BNA_P
ClientSampleId :

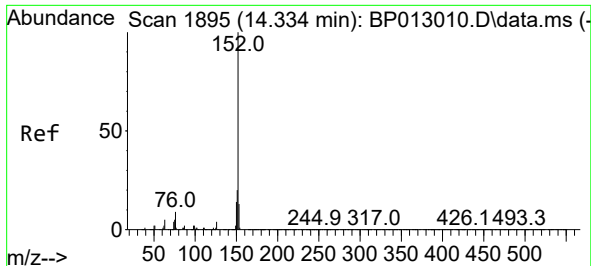
Tgt Ion:163 Resp: 4379930
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 39.477 ng/ul
RT: 14.187 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:165 Resp: 924413
Ion Ratio Lower Upper
165 100
89 51.5 43.0 64.4
121 19.7 16.1 24.1

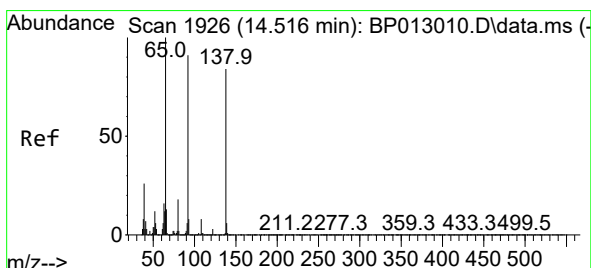
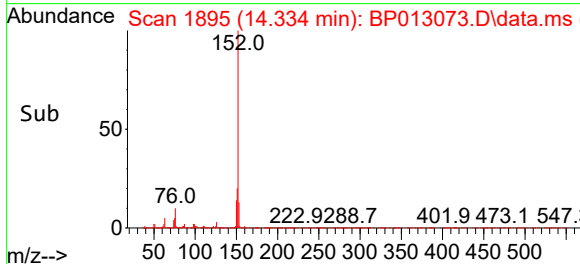
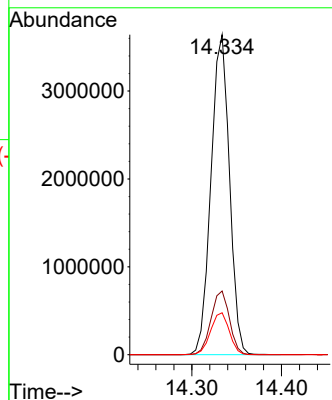
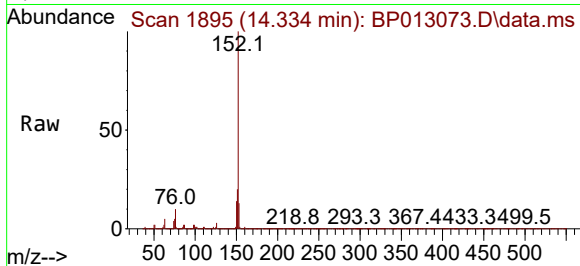




#50
Acenaphthylene
Concen: 34.642 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

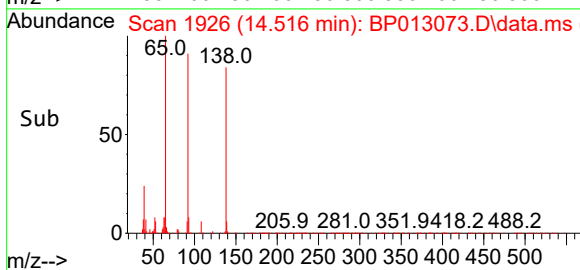
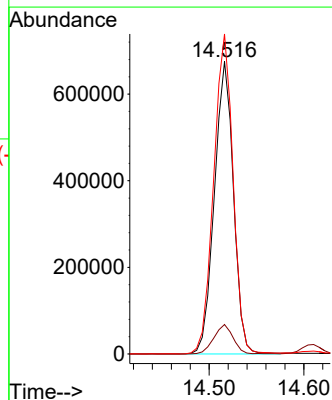
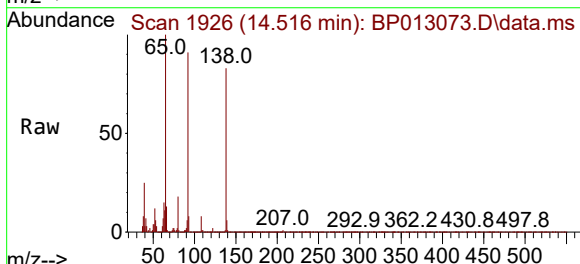
Instrument :
BNA_P
ClientSampleId :

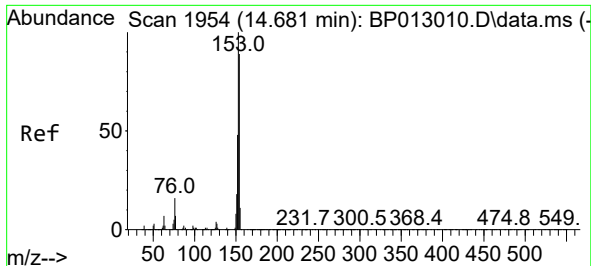
Tgt Ion:152 Resp: 5202697
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.1 10.6 16.0



#51
3-Nitroaniline
Concen: 42.758 ng/ul
RT: 14.516 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:138 Resp: 945440
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 109.4 88.4 132.6

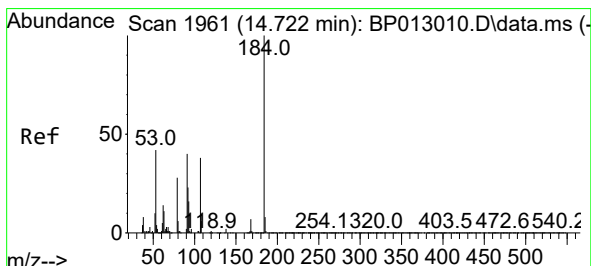
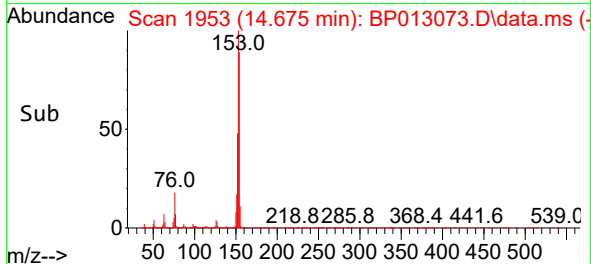
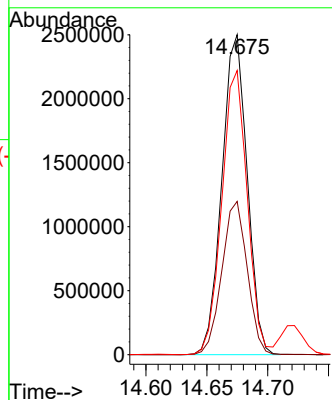
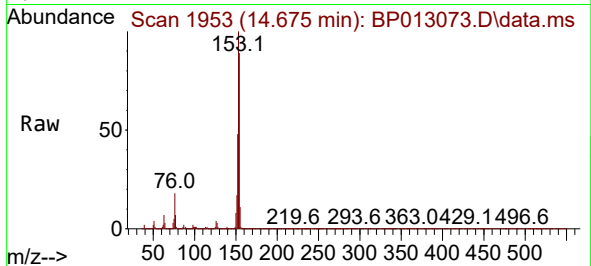




#52
Acenaphthene
Concen: 34.828 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

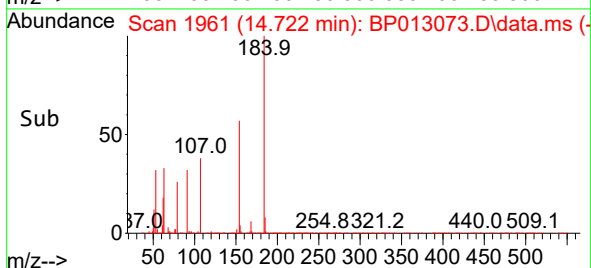
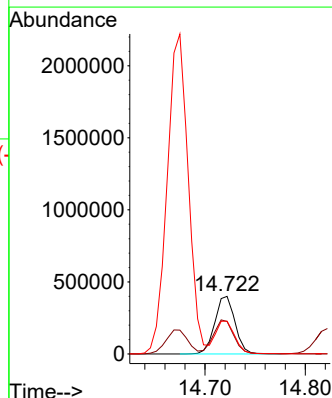
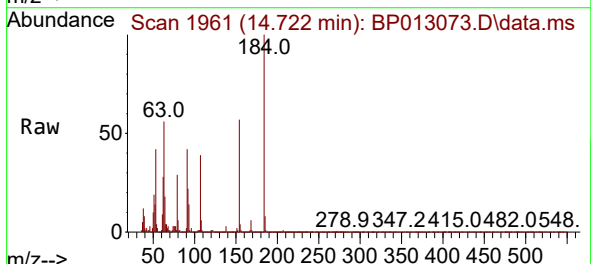
Instrument :
BNA_P
ClientSampleId :

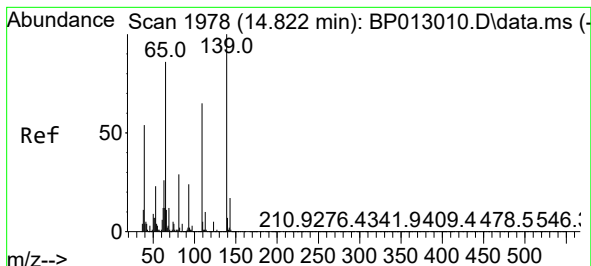
Tgt Ion:153 Resp: 3624638
Ion Ratio Lower Upper
153 100
152 47.9 38.2 57.4
154 88.8 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 34.886 ng/ul
RT: 14.722 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

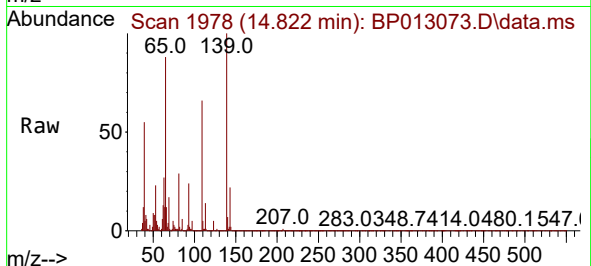
Tgt Ion:184 Resp: 558400
Ion Ratio Lower Upper
184 100
63 56.3 48.4 72.6
154 57.1 45.5 68.3



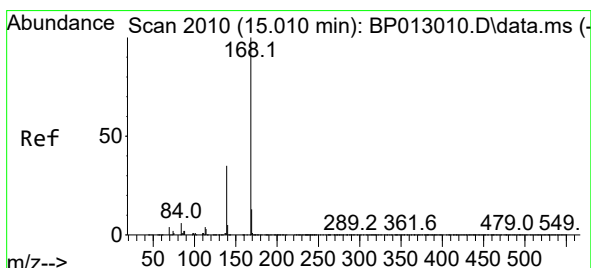
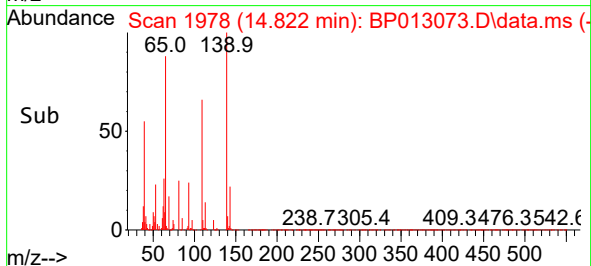
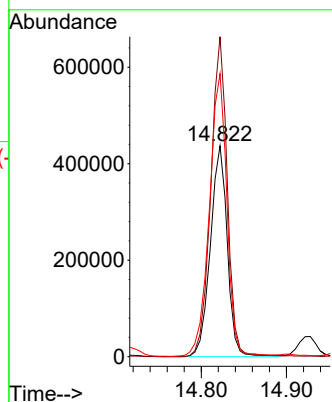


#55
4-Nitrophenol
Concen: 38.610 ng/ul
RT: 14.822 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Instrument :
BNA_P
ClientSampleId :

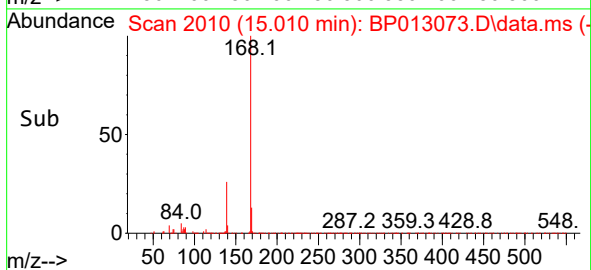
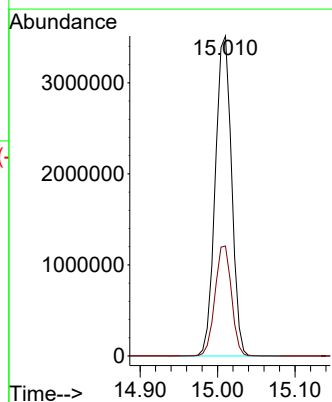
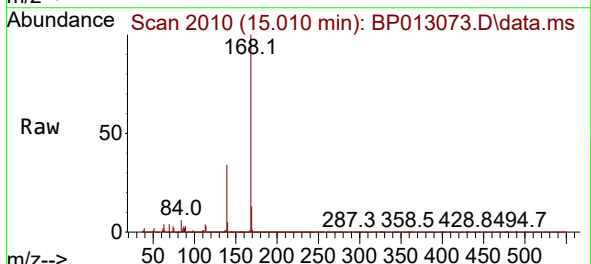


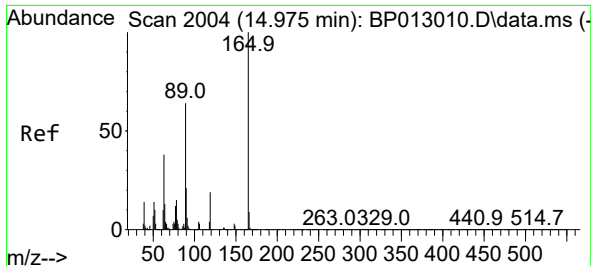
Tgt Ion:109 Resp: 602457
Ion Ratio Lower Upper
109 100
139 151.7 120.8 181.2
65 134.2 107.9 161.9



#56
Dibenzofuran
Concen: 34.676 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:168 Resp: 5131016
Ion Ratio Lower Upper
168 100
139 34.4 27.9 41.9

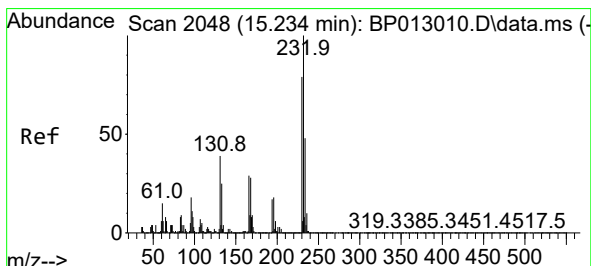
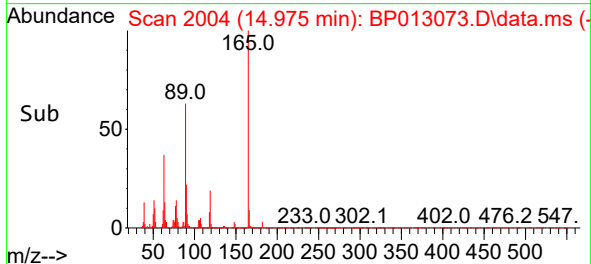
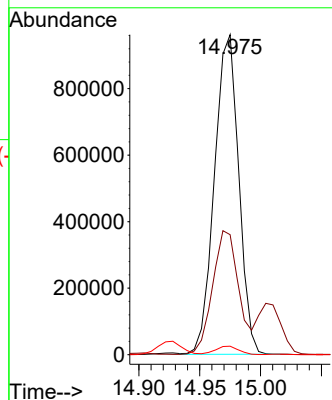
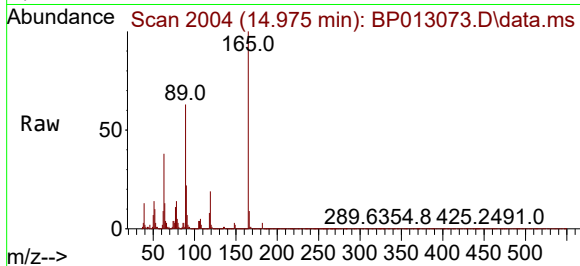




#57
2,4-Dinitrotoluene
Concen: 39.226 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

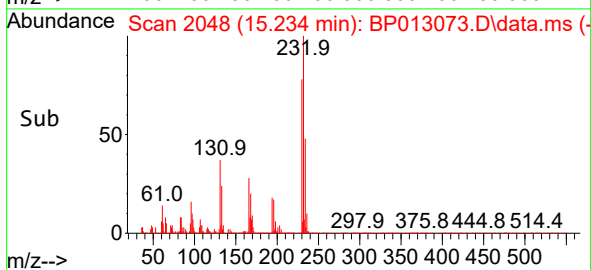
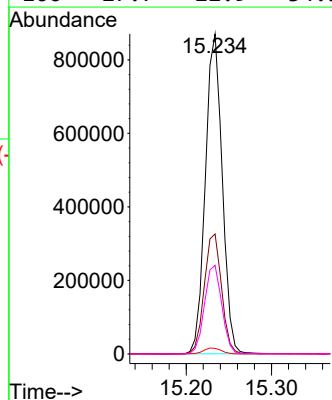
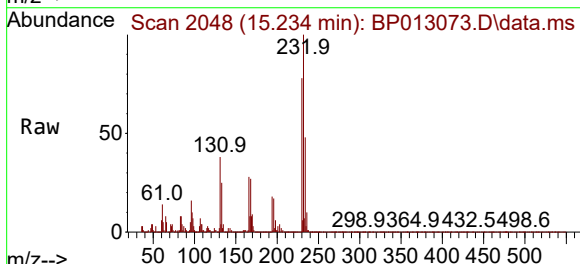
Instrument :
BNA_P
ClientSampleId :

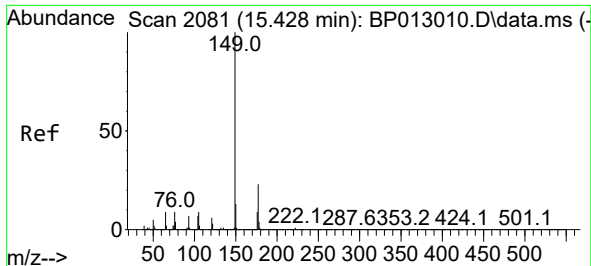
Tgt Ion:165 Resp: 1334245
Ion Ratio Lower Upper
165 100
63 37.5 31.8 47.6
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.699 ng/ul
RT: 15.234 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

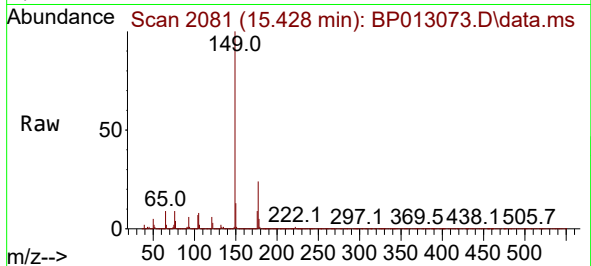
Tgt Ion:232 Resp: 1197907
Ion Ratio Lower Upper
232 100
131 37.5 31.8 47.6
130 1.8 1.8 2.6#
166 27.7 22.9 34.3



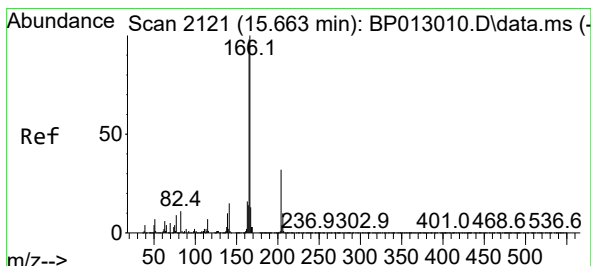
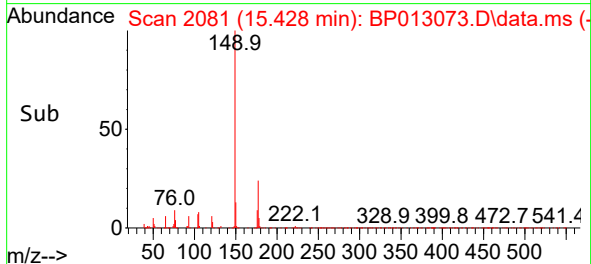
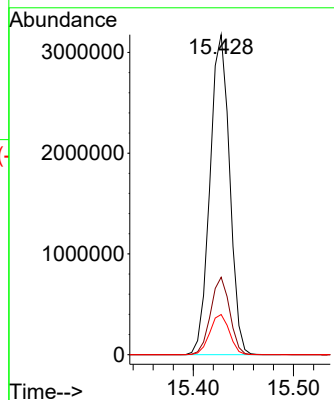


#59
Diethylphthalate
Concen: 35.337 ng/ul
RT: 15.428 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Instrument :
BNA_P
ClientSampleId :

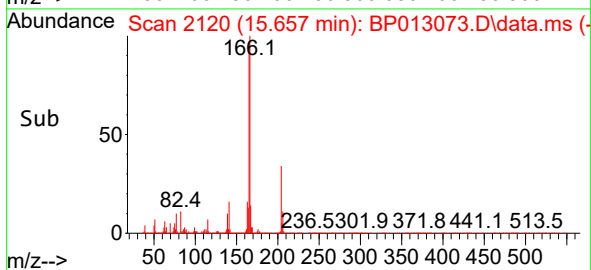
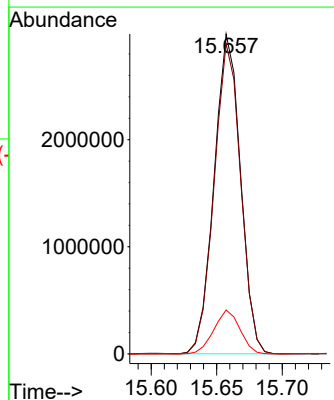
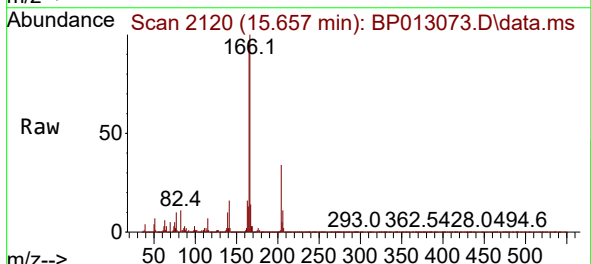


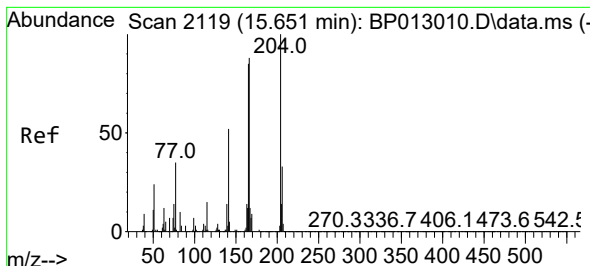
Tgt Ion:149 Resp: 4328400
Ion Ratio Lower Upper
149 100
177 24.2 18.4 27.6
150 12.5 9.9 14.9



#61
Fluorene
Concen: 35.185 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

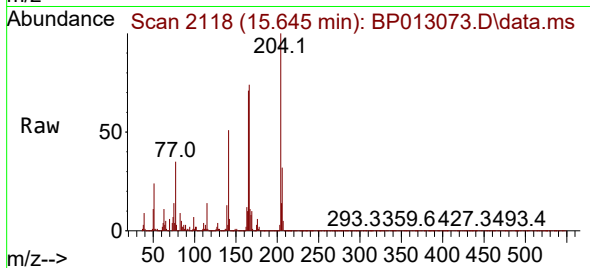
Tgt Ion:166 Resp: 4175385
Ion Ratio Lower Upper
166 100
165 97.0 77.4 116.2
167 13.7 10.6 16.0



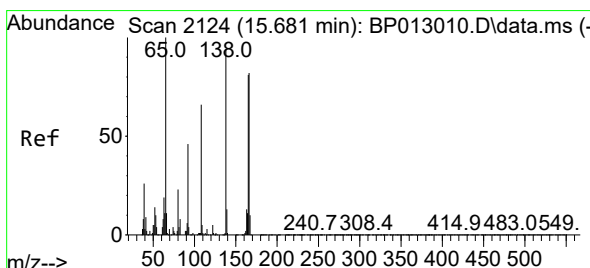
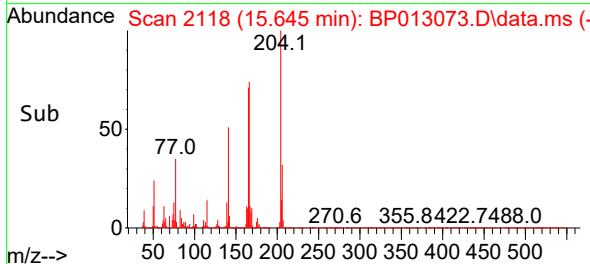
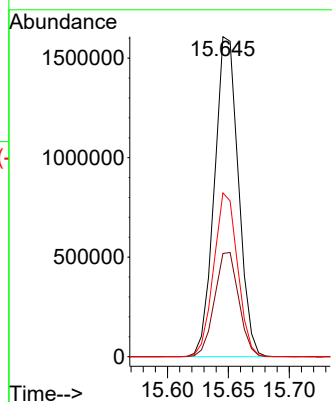


#62
4-Chlorophenyl-phenylether
Concen: 35.050 ng/ul
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Instrument :
BNA_P
ClientSampleId :

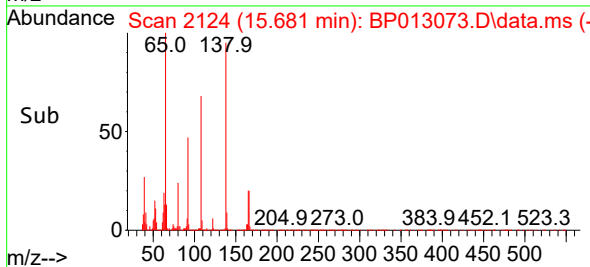
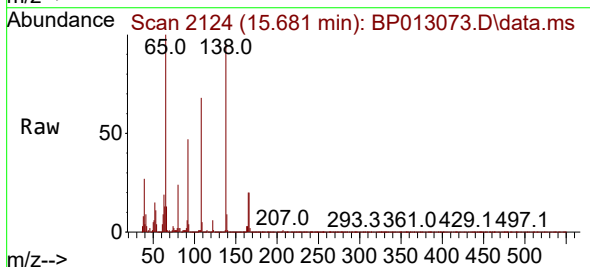
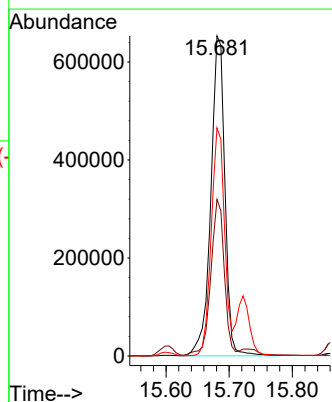


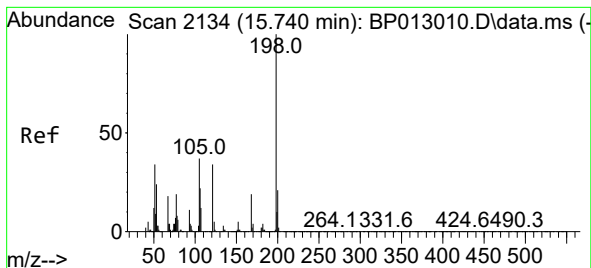
Tgt Ion:204 Resp: 2199605
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 51.2 40.4 60.6



#63
4-Nitroaniline
Concen: 52.012 ng/ul
RT: 15.681 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:138 Resp: 1011987
Ion Ratio Lower Upper
138 100
92 48.9 39.0 58.4
108 71.3 55.1 82.7

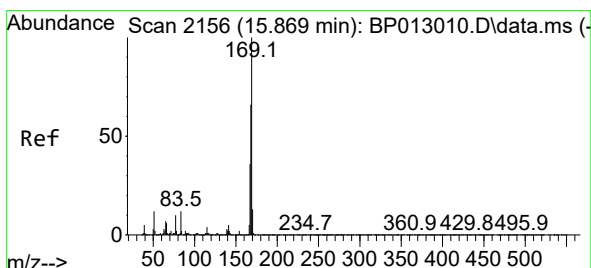
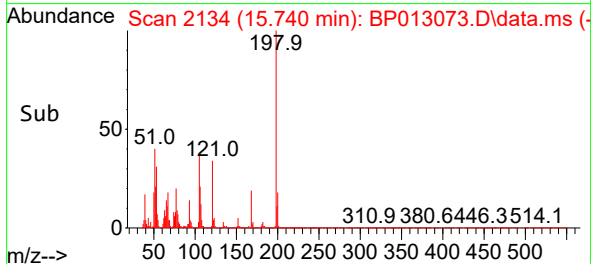
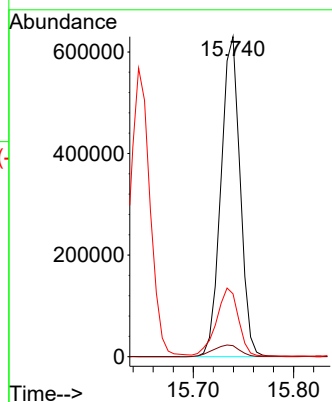
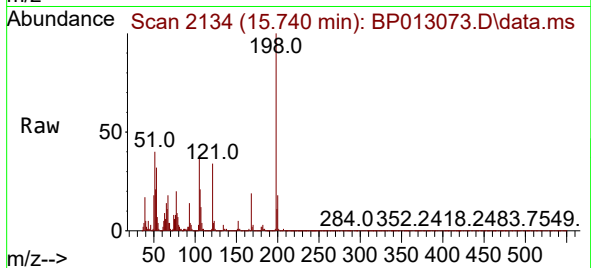




#66
4,6-Dinitro-2-methylphenol
Concen: 35.686 ng/ul
RT: 15.740 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

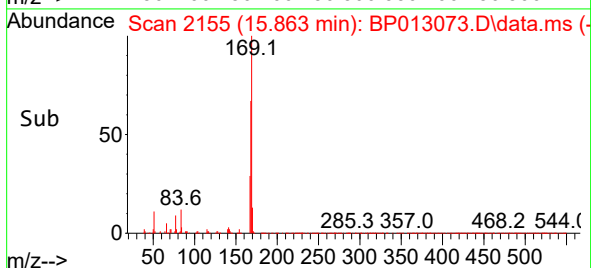
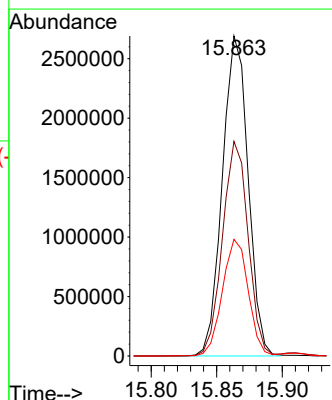
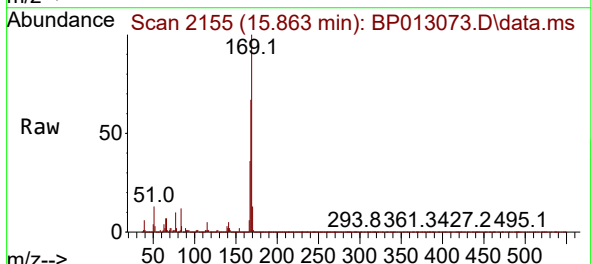
Instrument :
BNA_P
ClientSampleId :

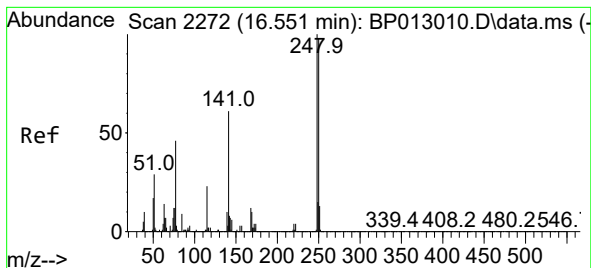
Tgt Ion:198 Resp: 834656
Ion Ratio Lower Upper
198 100
182 3.5 3.3 4.9
77 19.7 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 35.612 ng/ul
RT: 15.863 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:169 Resp: 3672121
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.6
167 36.4 29.1 43.7

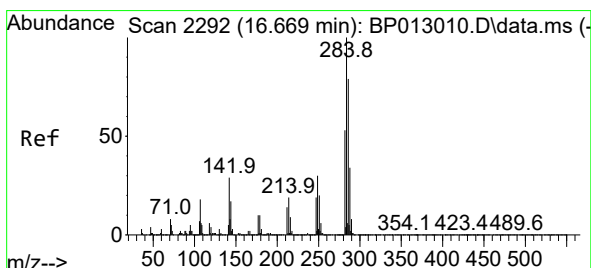
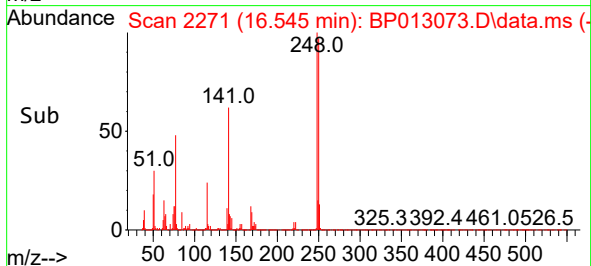
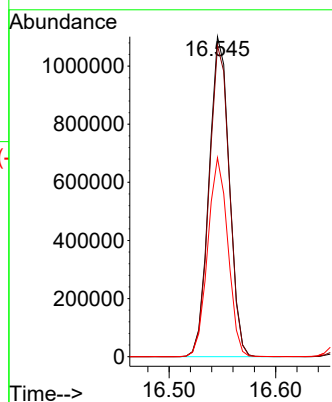
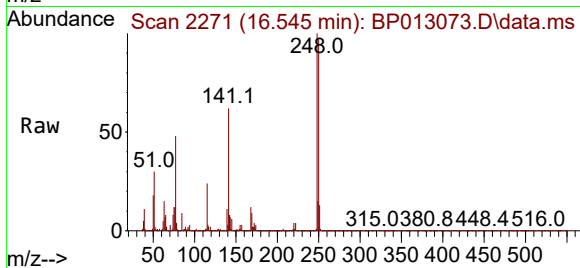




#68
4-Bromophenyl-phenylether
Concen: 36.043 ng/ul
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

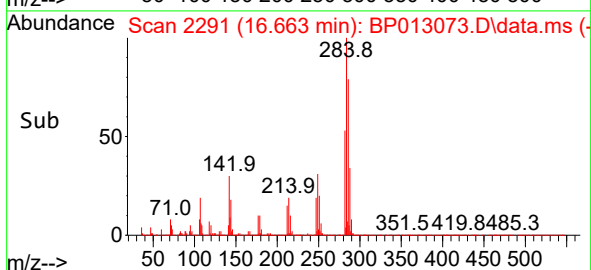
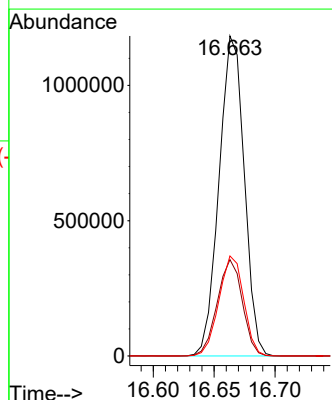
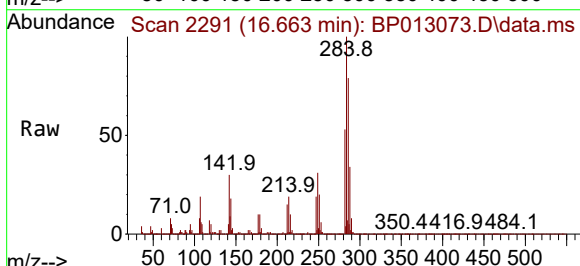
Instrument :
BNA_P
ClientSampleId :

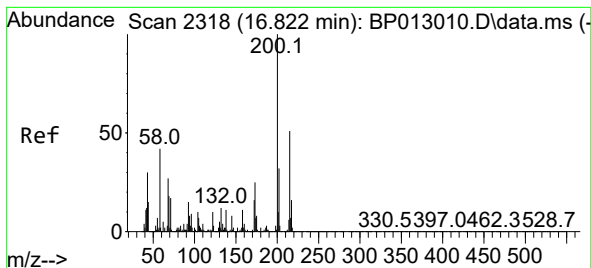
Tgt Ion:248 Resp: 1455786
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.0
141 62.2 48.3 72.5



#69
Hexachlorobenzene
Concen: 35.495 ng/ul
RT: 16.663 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:284 Resp: 1702313
Ion Ratio Lower Upper
284 100
142 30.1 22.6 34.0
249 31.2 24.6 37.0





#70

Atrazine

Concen: 19.758 ng/ul

RT: 16.816 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

ClientSampleId :

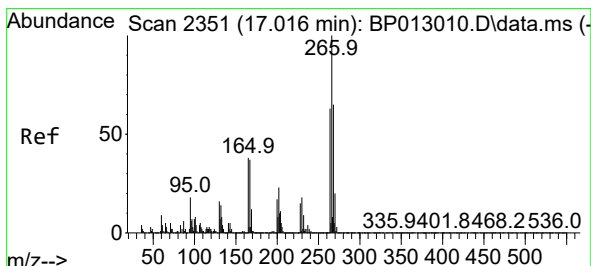
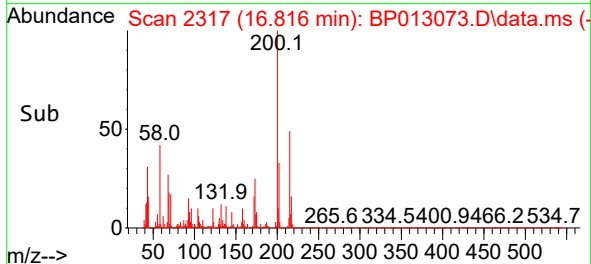
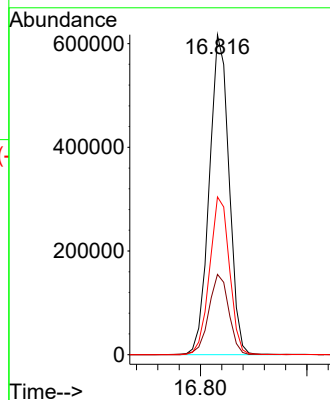
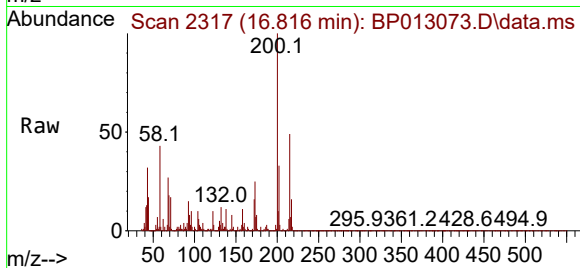
Tgt Ion:200 Resp: 793930

Ion Ratio Lower Upper

200 100

173 25.1 20.5 30.7

215 49.3 39.9 59.9



#71

Pentachlorophenol

Concen: 33.537 ng/ul

RT: 17.010 min Scan# 2350

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

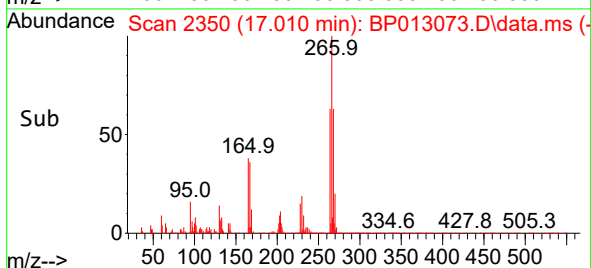
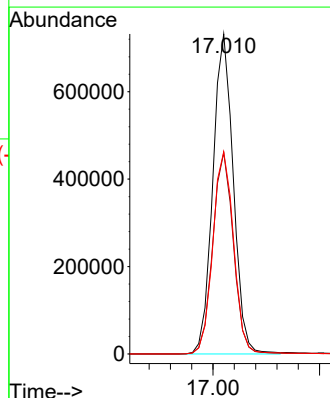
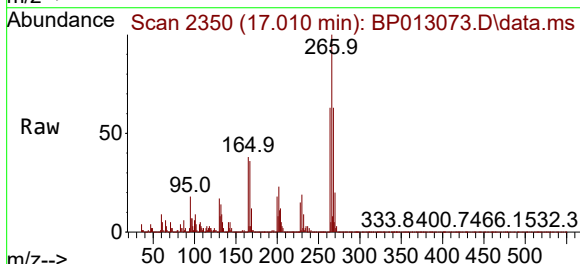
Tgt Ion:266 Resp: 974046

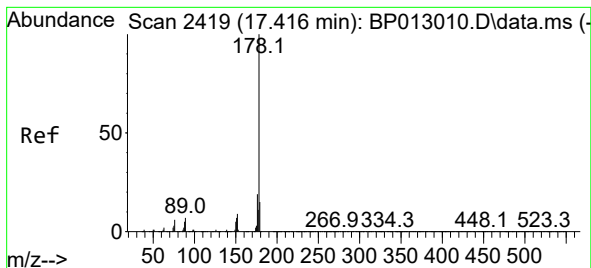
Ion Ratio Lower Upper

266 100

264 62.9 50.9 76.3

268 63.2 51.4 77.2





#72

Phenanthrene

Concen: 36.119 ng/ul

RT: 17.410 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

ClientSampleId :

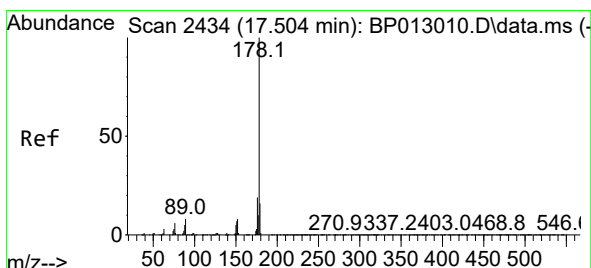
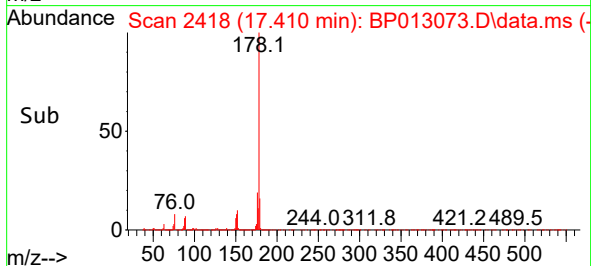
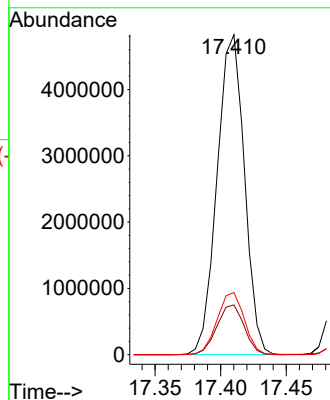
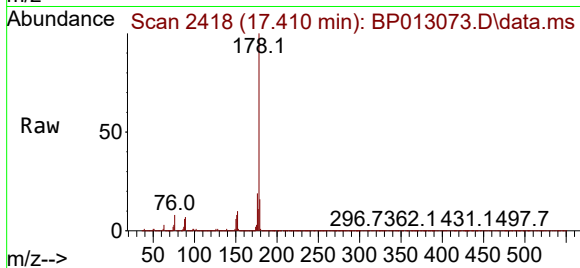
Tgt Ion:178 Resp: 6997017

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.4 15.4 23.0



#74

Anthracene

Concen: 36.301 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

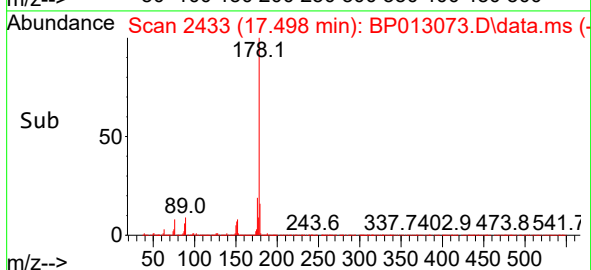
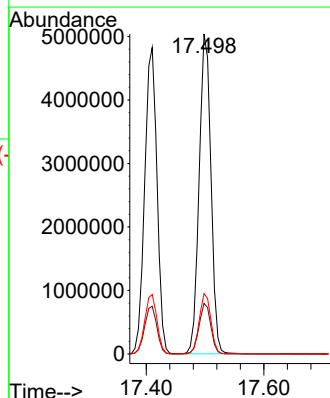
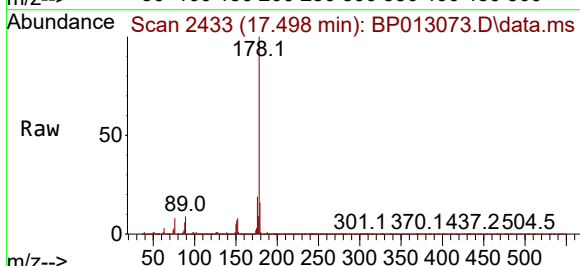
Tgt Ion:178 Resp: 7021704

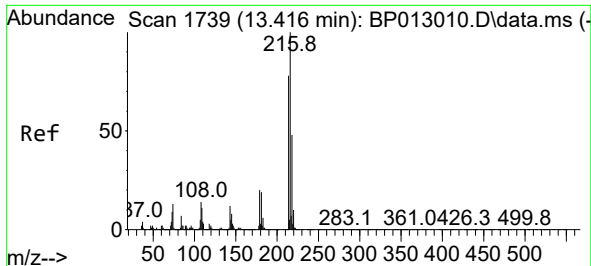
Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 18.9 14.8 22.2

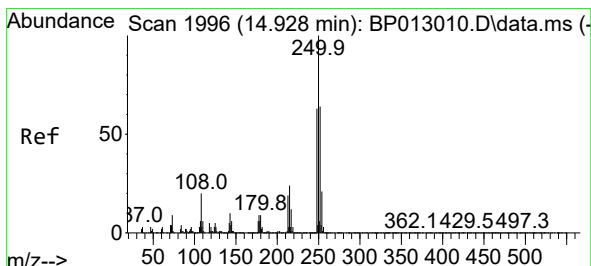
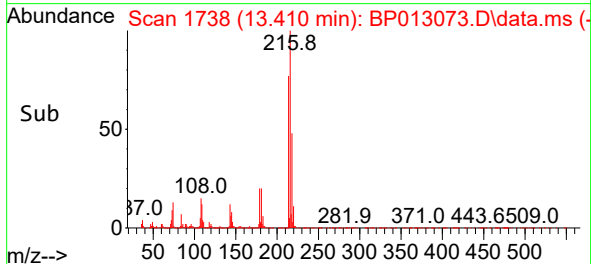
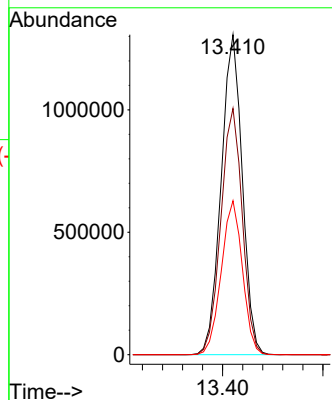
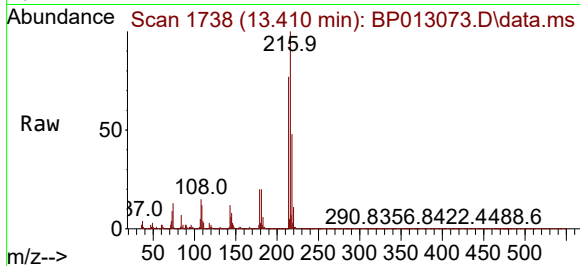




#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.995 ng/uL
RT: 13.410 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

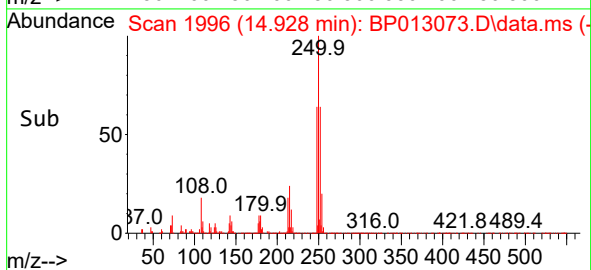
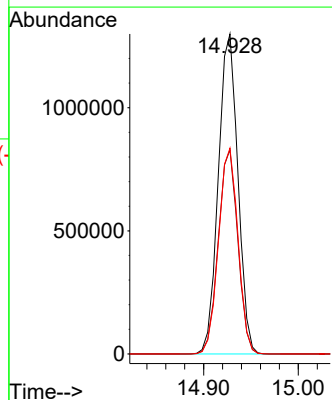
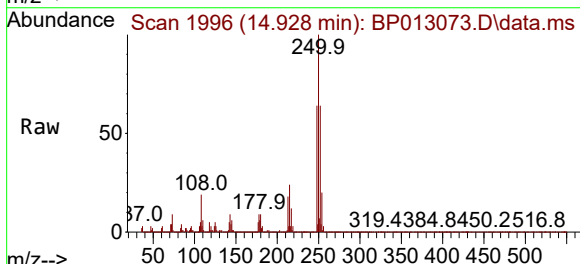
Instrument :
BNA_P
ClientSampleId :

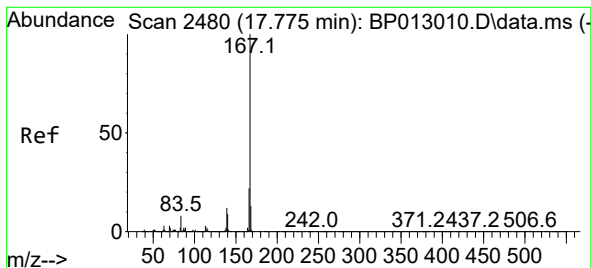
Tgt Ion:216 Resp: 1910043
Ion Ratio Lower Upper
216 100
214 76.9 62.2 93.2
218 48.1 38.9 58.3



#76
Pentachlorobenzene
Concen: 34.505 ng/uL
RT: 14.928 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:250 Resp: 1866763
Ion Ratio Lower Upper
250 100
248 63.8 50.6 76.0
252 64.3 51.1 76.7





#77

Carbazole

Concen: 39.096 ng/ul

RT: 17.769 min Scan# 2480

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

ClientSampleId :

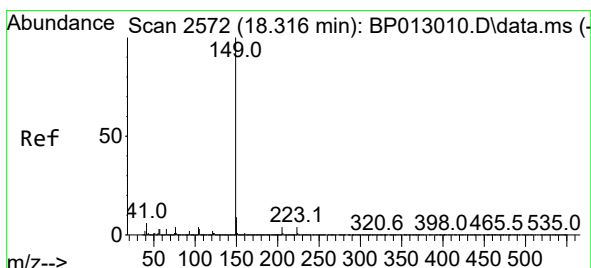
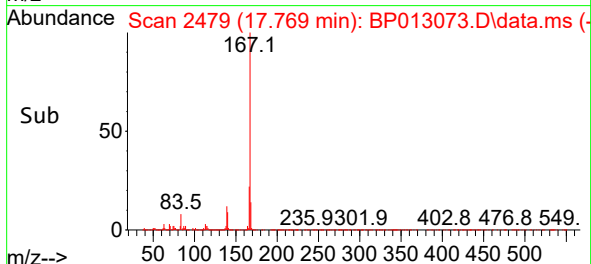
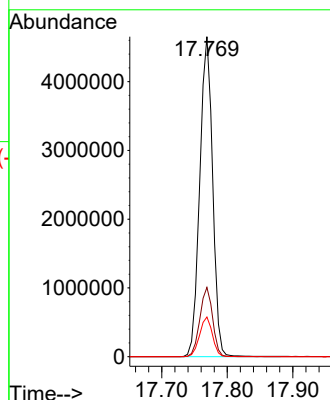
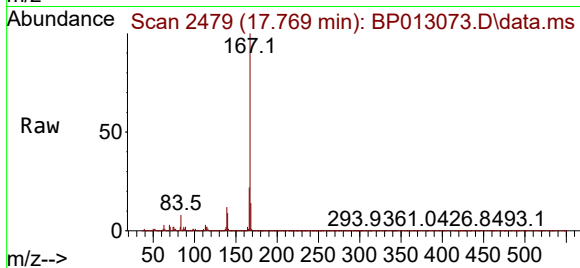
Tgt Ion:167 Resp: 6368810

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.4 9.4 14.2



#78

Di-n-butylphthalate

Concen: 38.023 ng/ul

RT: 18.310 min Scan# 2571

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

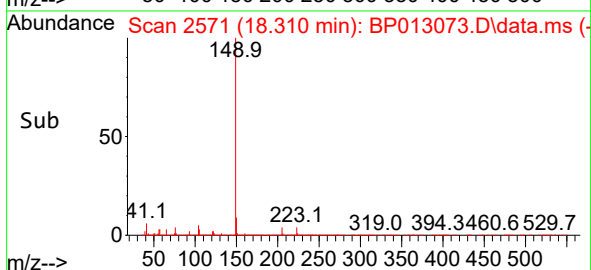
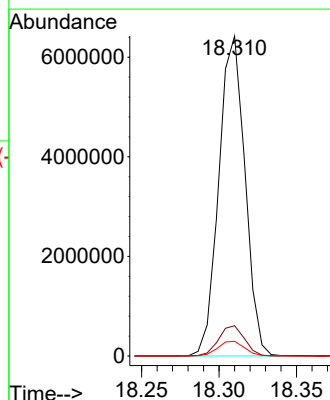
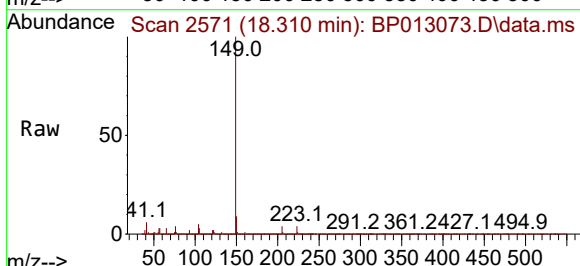
Tgt Ion:149 Resp: 7541641

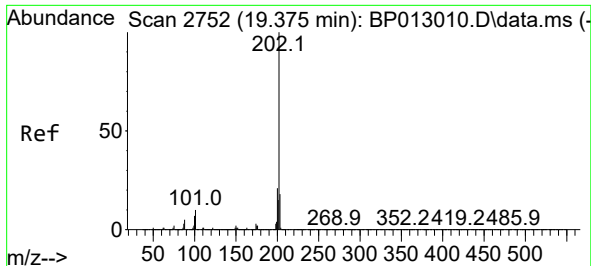
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.6 3.8 5.6

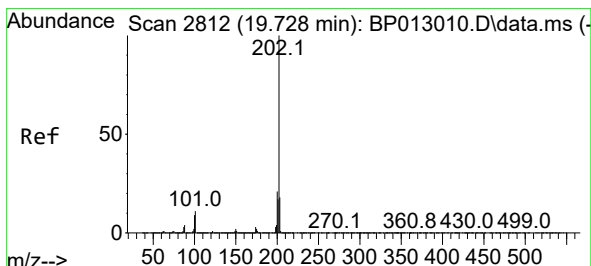
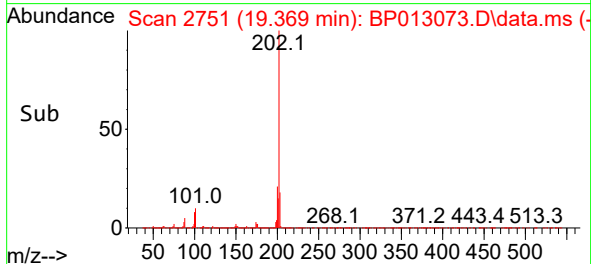
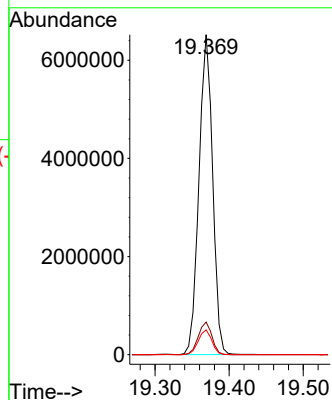
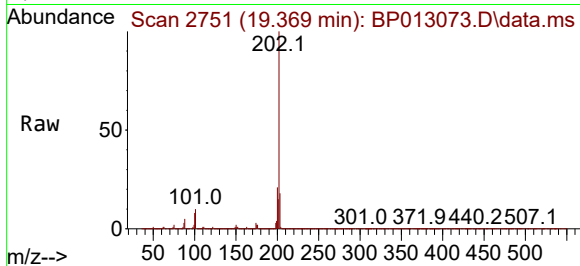




#80
Fluoranthene
Concen: 39.085 ng/ul
RT: 19.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

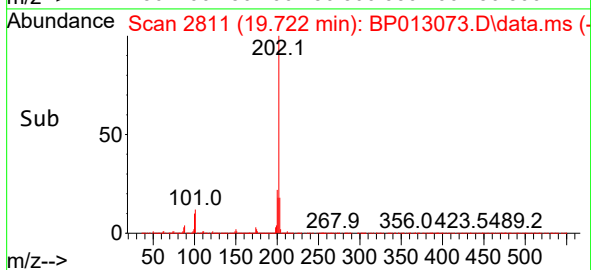
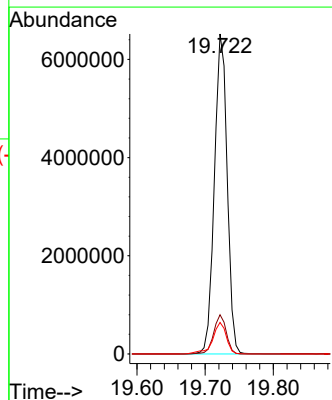
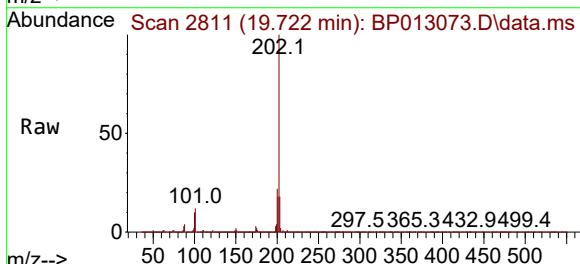
Instrument :
BNA_P
ClientSampleId :

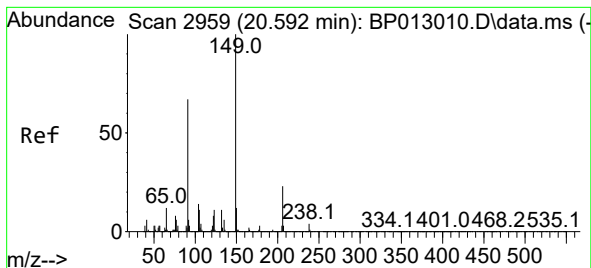
Tgt Ion:202 Resp: 8342343
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
100 7.8 6.1 9.1



#82
Pyrene
Concen: 38.634 ng/ul
RT: 19.722 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:202 Resp: 8506349
Ion Ratio Lower Upper
202 100
101 12.2 9.4 14.2
100 9.9 7.8 11.8





#83

Butylbenzylphthalate

Concen: 39.760 ng/ul

RT: 20.586 min Scan# 2958

Delta R.T. 0.000 min

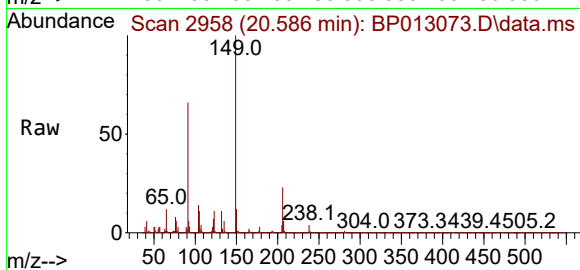
Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

ClientSampleId :



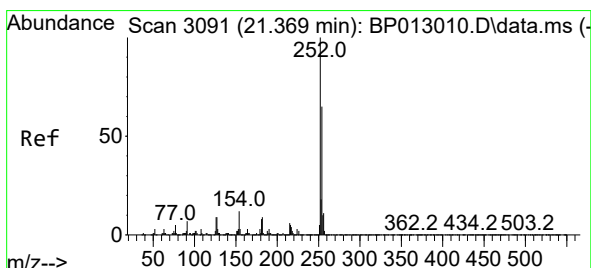
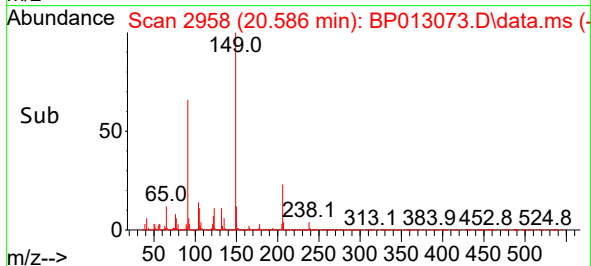
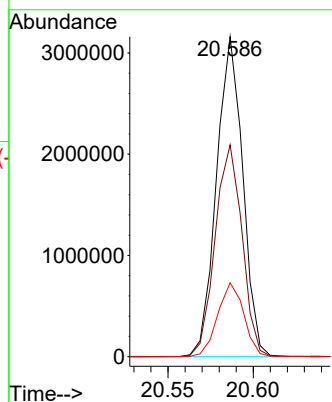
Tgt Ion:149 Resp: 3381952

Ion Ratio Lower Upper

149 100

91 66.2 53.4 80.0

206 23.1 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 35.885 ng/ul

RT: 21.363 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

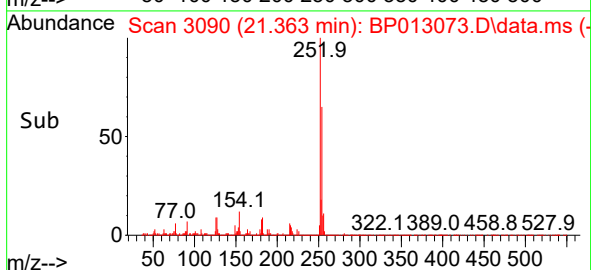
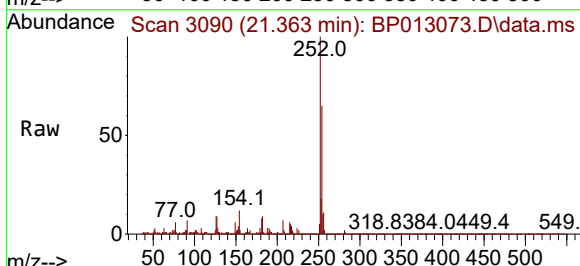
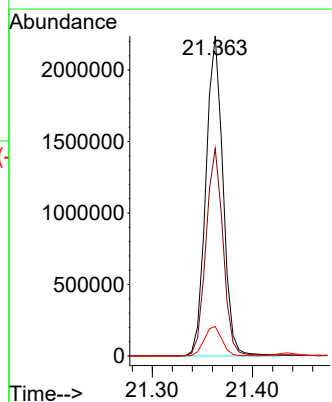
Tgt Ion:252 Resp: 2655988

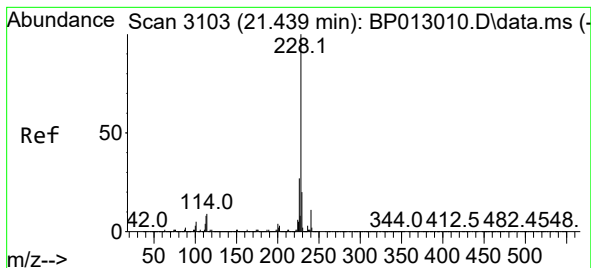
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.8

126 9.2 7.4 11.2





#85

Benzo(a)anthracene

Concen: 37.329 ng/ul

RT: 21.433 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

ClientSampleId :

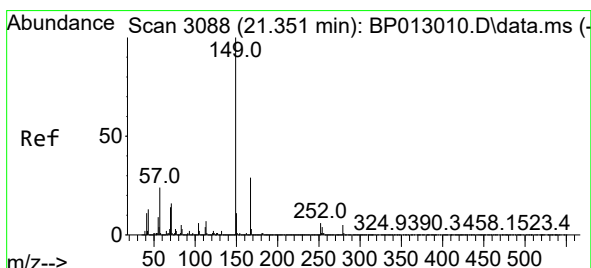
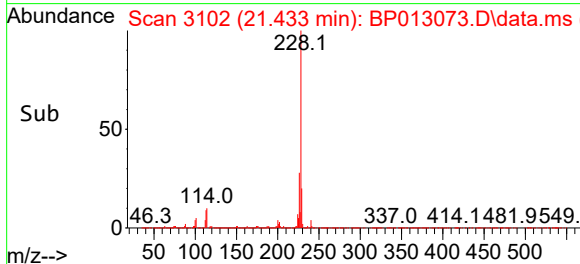
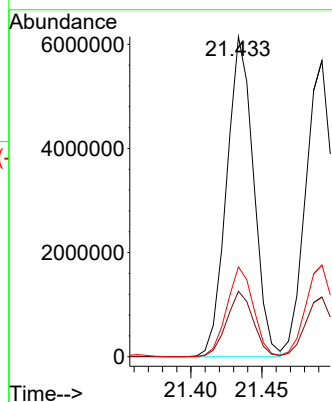
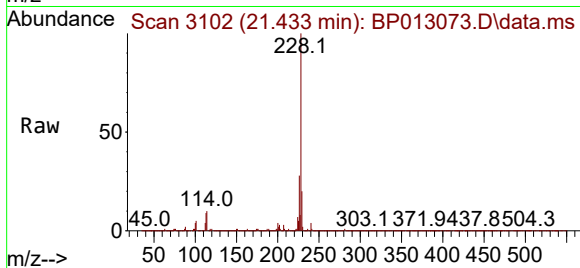
Tgt Ion:228 Resp: 8118841

Ion Ratio Lower Upper

228 100

229 20.4 16.1 24.1

226 28.1 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 40.803 ng/ul

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

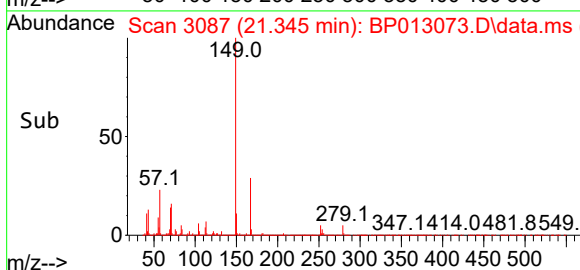
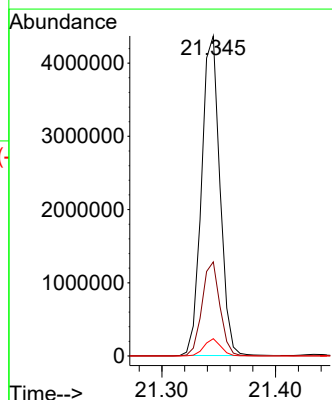
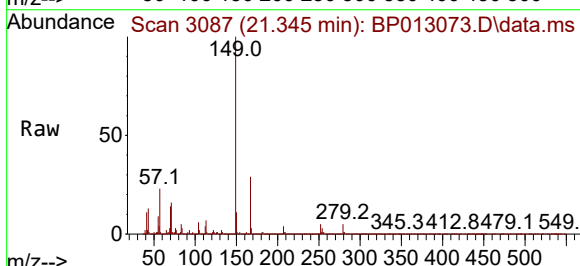
Tgt Ion:149 Resp: 4895769

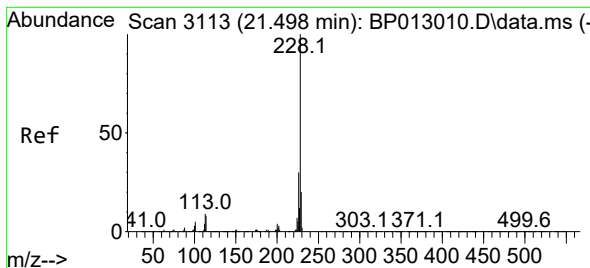
Ion Ratio Lower Upper

149 100

167 29.4 22.5 33.7

279 5.4 3.8 5.8





#87

Chrysene

Concen: 36.724 ng/ul

RT: 21.492 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

ClientSampleId :

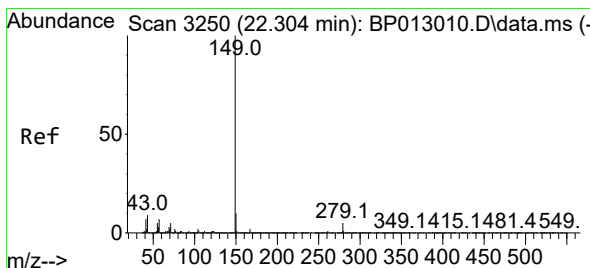
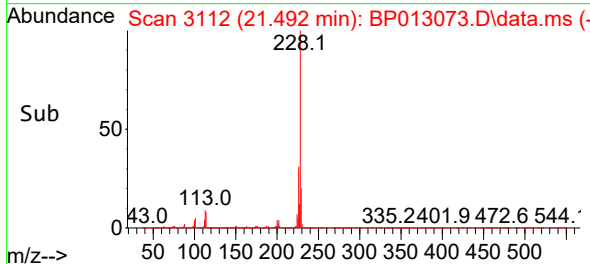
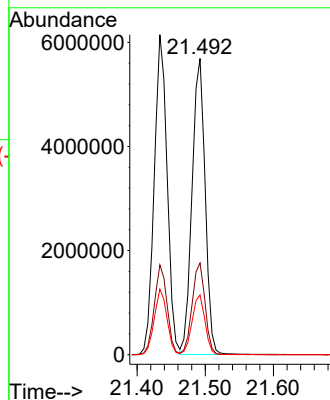
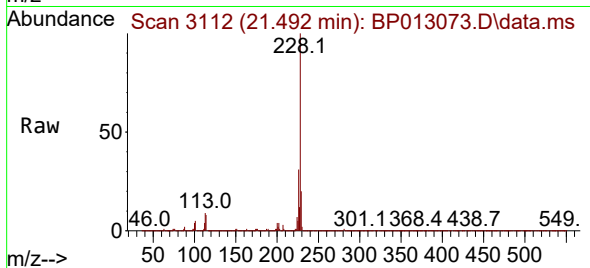
Tgt Ion:228 Resp: 7553481

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

229 20.1 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 48.652 ng/ul

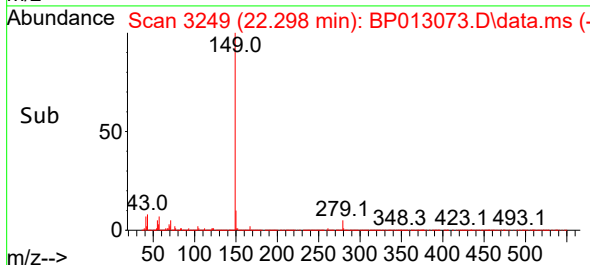
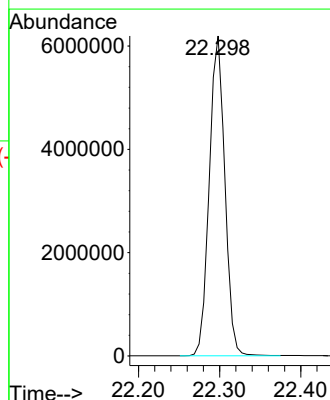
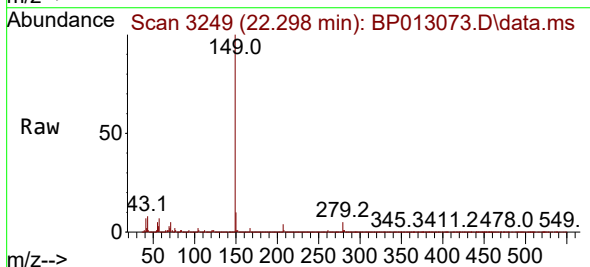
RT: 22.298 min Scan# 3249

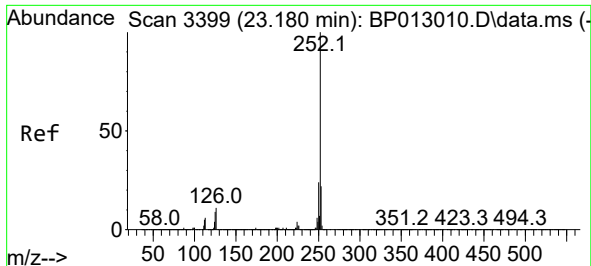
Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Tgt Ion:149 Resp: 8237410

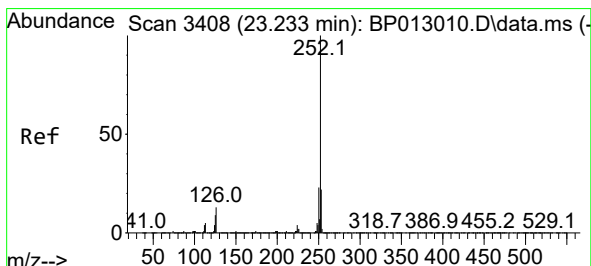
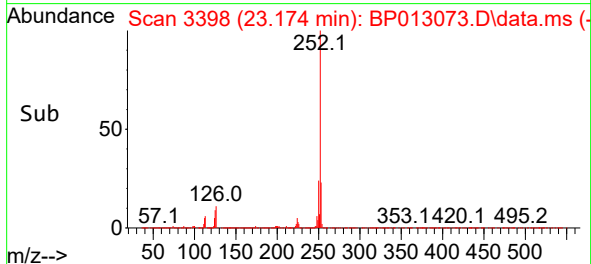
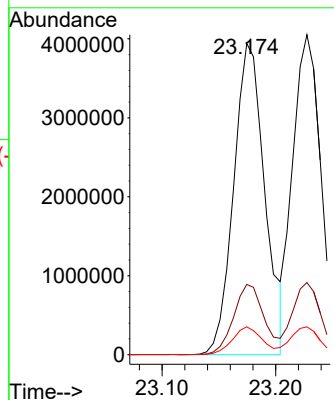
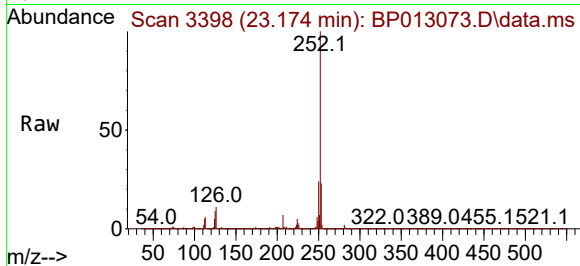




#90
Benzo(b)fluoranthene
Concen: 38.917 ng/ul
RT: 23.174 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

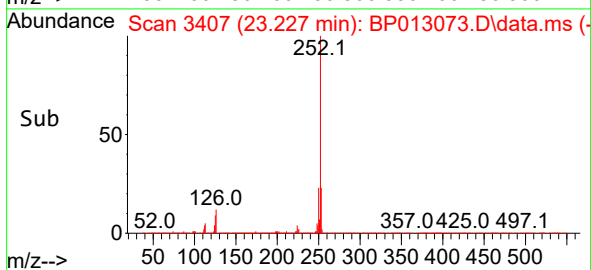
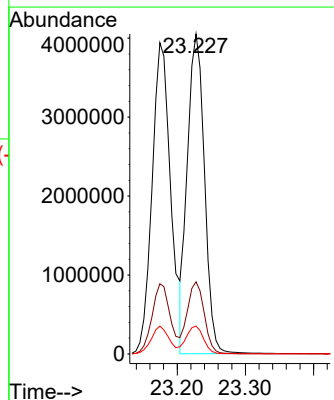
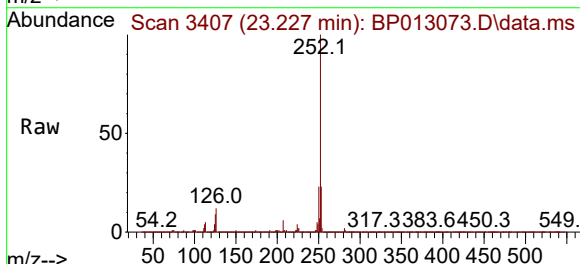
Instrument :
BNA_P
ClientSampleId :

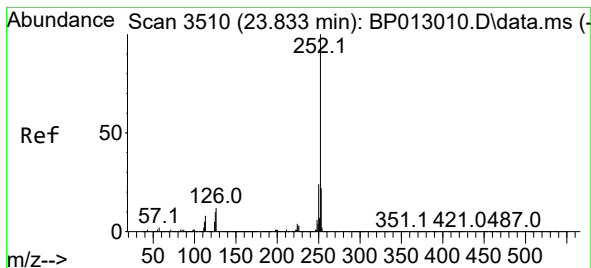
Tgt Ion:252 Resp: 7499917
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 8.9 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 36.781 ng/ul
RT: 23.227 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP013073.D
Acq: 11 Dec 2022 10:38

Tgt Ion:252 Resp: 7028833
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 8.7 6.8 10.2





#93

Benzo(a)pyrene

Concen: 37.415 ng/ul

RT: 23.833 min Scan# 3

Delta R.T. 0.000 min

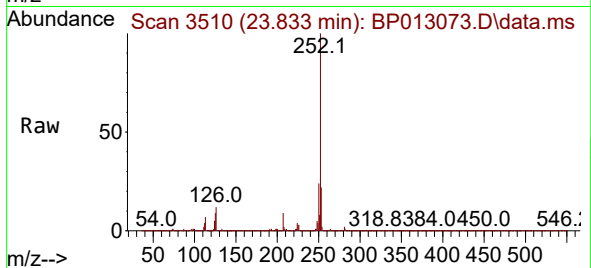
Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

ClientSampleId :



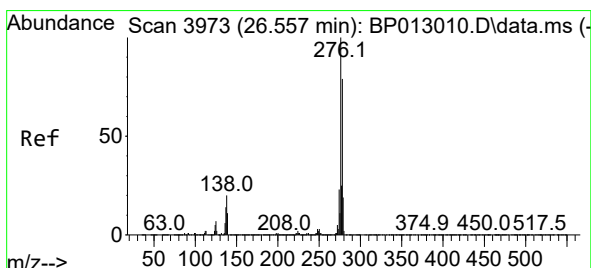
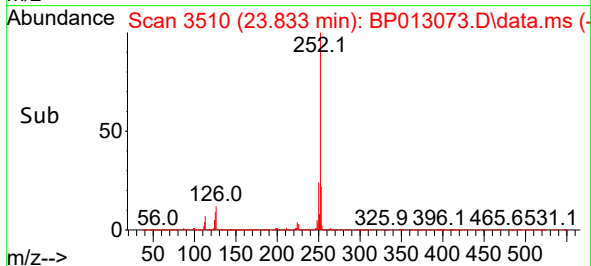
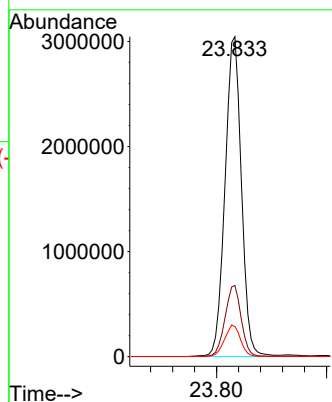
Tgt Ion:252 Resp: 6278366

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.4 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.151 ng/ul

RT: 26.545 min Scan# 3971

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

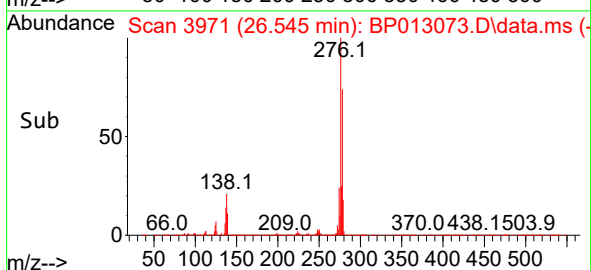
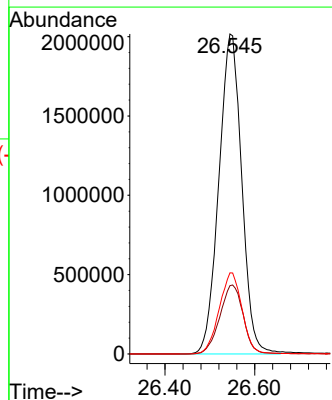
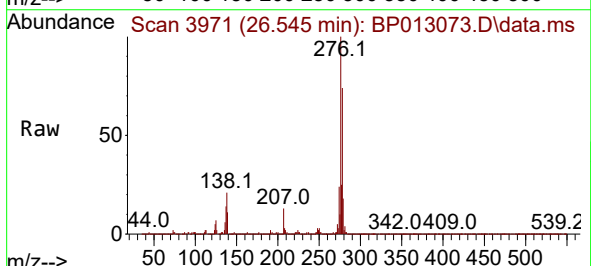
Tgt Ion:276 Resp: 7138286

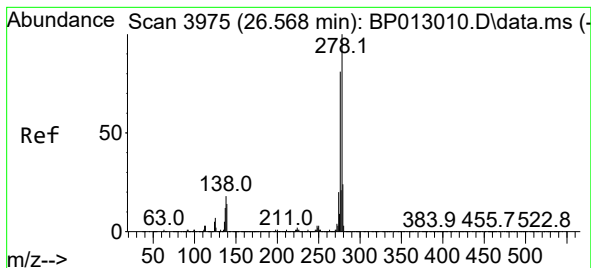
Ion Ratio Lower Upper

276 100

138 21.4 17.1 25.7

277 25.4 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 36.775 ng/ul

RT: 26.563 min Scan# 3975

Delta R.T. 0.006 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Instrument :

BNA_P

ClientSampleId :

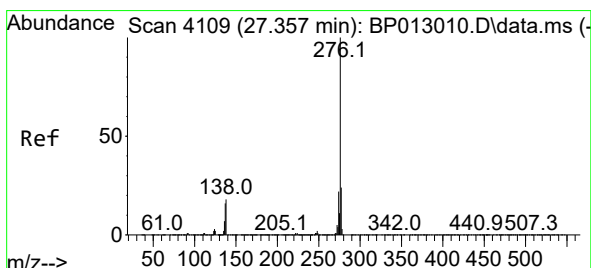
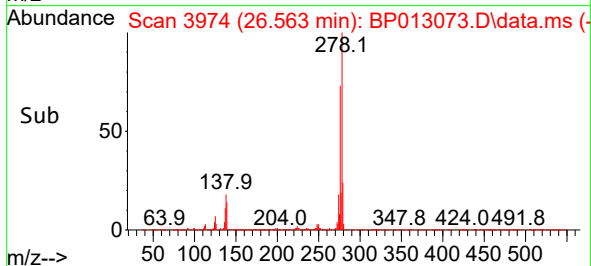
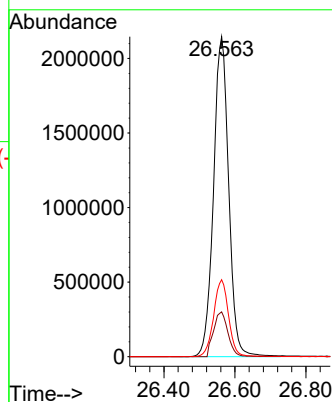
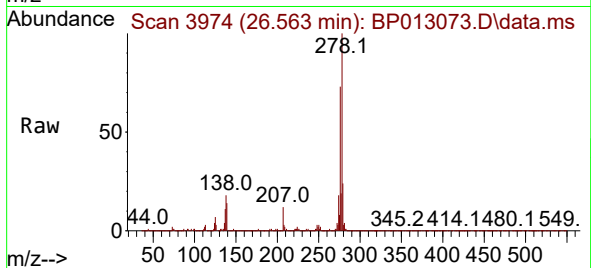
Tgt Ion:278 Resp: 6364182

Ion Ratio Lower Upper

278 100

139 14.0 11.1 16.7

279 24.1 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 34.733 ng/ul

RT: 27.345 min Scan# 4107

Delta R.T. 0.000 min

Lab File: BP013073.D

Acq: 11 Dec 2022 10:38

Tgt Ion:276 Resp: 5828362

Ion Ratio Lower Upper

276 100

138 19.4 15.4 23.2

277 23.9 19.1 28.7

