

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020623\
 Data File : BP013773.D
 Acq On : 06 Feb 2023 15:06
 Operator : CG/JU
 Sample : 01381-24MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44M5MSD

Quant Time: Feb 06 23:55:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 03 23:44:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	230012	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	980285	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	700979	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1736155	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1957527	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	2212643	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	24971	4.603	ng/uL	0.00
4) Pyridine-d5	3.911	84	163644	10.513	ng/u1	0.00
7) Phenol-d5	7.275	99	143915	7.119	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	391091	32.986	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	383351	25.869	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	266107	16.512	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	235691	37.689	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	270745	37.150	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	554492	32.536	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	410780	18.250	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	2140586	38.740	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	2266049	37.118	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	77355	8.306	ng/u1	0.00
60) Fluorene-d10	15.751	176	1893933	39.766	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	408023	41.938	ng/u1	0.00
73) Anthracene-d10	17.616	188	3246021	40.110	ng/u1	0.00
81) Pyrene-d10	19.833	212	4242256	38.856	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	4670513	41.349	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.511	88	27819	4.921	ng/uL	97
5) Pyridine	3.928	79	181328	11.569	ng/u1	97
6) Benzaldehyde	7.258	77	397640	49.058	ng/u1	98
8) Phenol	7.299	94	164282	7.941	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.540	93	557730	33.548	ng/u1	98
12) 2-Chlorophenol	7.687	128	408891	27.235	ng/u1	97
13) 2-Methylphenol	8.569	108	322383	20.409	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.657	45	651759	33.113	ng/u1	99
16) Acetophenone	8.957	105	874498	34.808	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.940	70	427993	34.008	ng/u1	99
18) 4-Methylphenol	8.899	108	305165	17.789	ng/u1	99
19) Hexachloroethane	9.222	117	199637	33.972	ng/u1	95
22) Nitrobenzene	9.346	77	635296	37.613	ng/u1	97
23) Isophorone	9.875	82	1304160	33.726	ng/u1	99
25) 2-Nitrophenol	10.057	139	300639	37.283	ng/u1	97
26) 2,4-Dimethylphenol	10.110	107	494918	27.165	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.352	93	798353	34.067	ng/u1	99
29) 2,4-Dichlorophenol	10.593	162	553898	33.583	ng/u1	99
30) Naphthalene	11.004	128	1798210	34.708	ng/u1	99
32) 4-Chloroaniline	11.110	127	623146	27.508	ng/u1	99
33) Hexachlorobutadiene	11.287	225	423904	36.442	ng/u1	98
34) Caprolactam	11.893	113	21964	3.939	ng/u1	97
35) 4-Chloro-3-methylphenol	12.216	107	563526	31.900	ng/u1	99
36) 2-Methylnaphthalene	12.598	142	1304252	35.365	ng/u1	98

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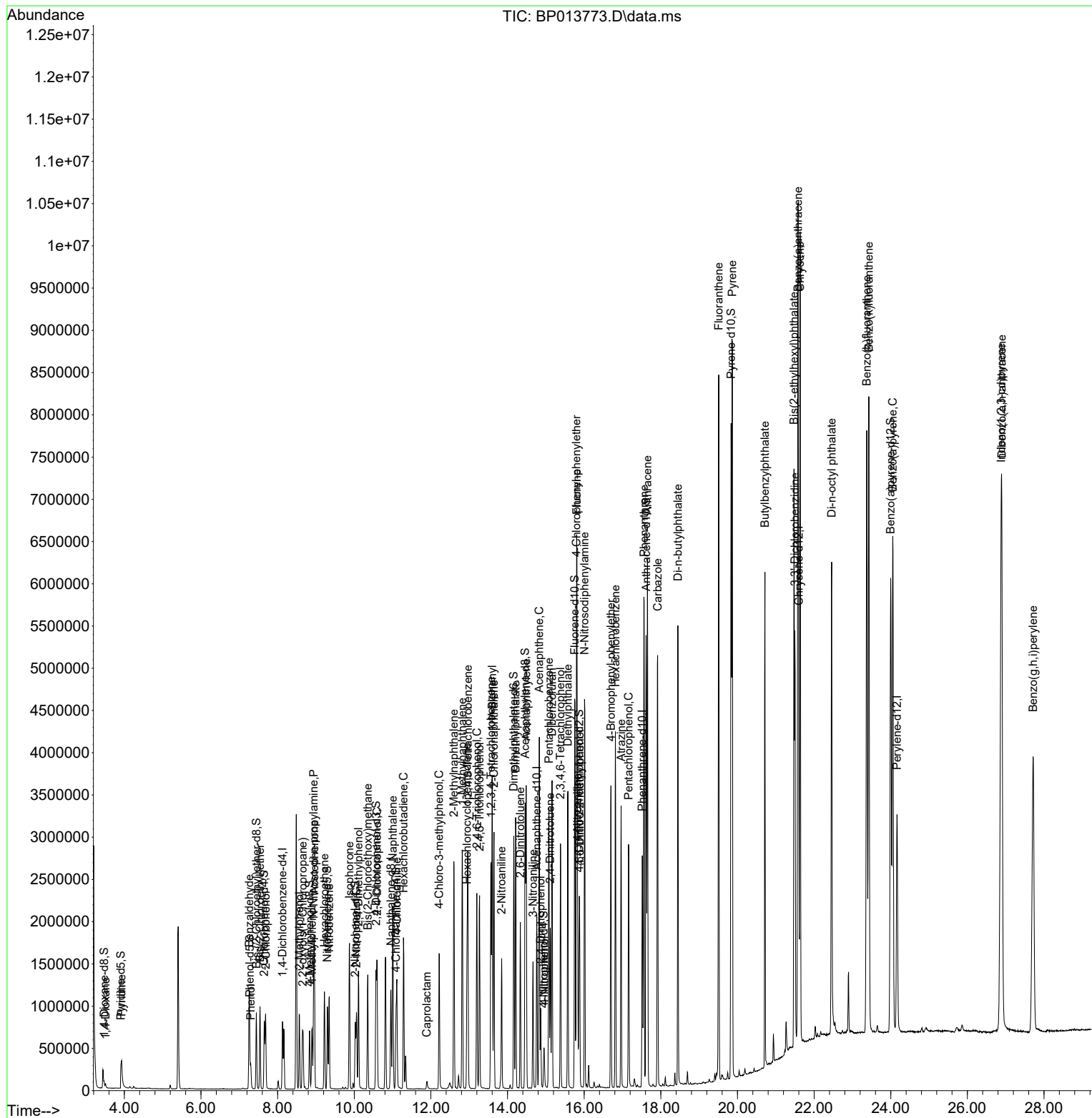
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1344499	36.097	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	889615	38.420	ng/ul	98
40) Hexachlorocyclopentadiene	12.945	237	381129	29.275	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	595895	38.848	ng/ul	99
42) 2,4,5-Trichlorophenol	13.269	196	657130	39.310	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1911303	36.012	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	1526357	36.351	ng/ul	100
45) 2-Nitroaniline	13.845	65	399695	50.007	ng/ul	98
47) Dimethylphthalate	14.210	163	2159694	39.674	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	414031	53.369	ng/ul	97
50) Acenaphthylene	14.487	152	2432669	37.789	ng/ul	100
51) 3-Nitroaniline	14.663	138	378799	46.195	ng/ul	99
52) Acenaphthene	14.828	153	1702279	38.479	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	236743	39.290	ng/ul	99
55) 4-Nitrophenol	14.957	109	59731	8.413	ng/ul	94
56) Dibenzofuran	15.163	168	2540849	39.540	ng/ul	97
57) 2,4-Dinitrotoluene	15.116	165	590307	48.446	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.381	232	641729	40.846	ng/ul#	97
59) Diethylphthalate	15.575	149	2092096	40.032	ng/ul	98
61) Fluorene	15.810	166	2128809	40.708	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	1188767	41.725	ng/ul	96
63) 4-Nitroaniline	15.828	138	432632	56.347	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.881	198	411468	42.495	ng/ul	99
67) N-Nitrosodiphenylamine	16.010	169	1876387	40.041	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	810269	41.021	ng/ul	99
69) Hexachlorobenzene	16.816	284	960756	41.459	ng/ul	98
70) Atrazine	16.963	200	649299	34.427	ng/ul	100
71) Pentachlorophenol	17.157	266	583017	39.416	ng/ul	98
72) Phenanthrene	17.563	178	3753848	40.932	ng/ul	99
74) Anthracene	17.651	178	3777413	40.667	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	904526	36.570	ng/uL	98
76) Pentachlorobenzene	15.081	250	956762	37.731	ng/uL	99
77) Carbazole	17.916	167	3406991	42.280	ng/ul	99
78) Di-n-butylphthalate	18.445	149	3788620	39.791	ng/ul	100
80) Fluoranthene	19.510	202	4972205	39.072	ng/ul	100
82) Pyrene	19.863	202	5123873	39.382	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1610363	43.081	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.498	252	1636155	36.800	ng/ul	98
85) Benzo(a)anthracene	21.580	228	5606343	41.659	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	2600068	40.570	ng/ul	99
87) Chrysene	21.633	228	5268597	41.583	ng/ul	99
89) Di-n-octyl phthalate	22.457	149	4599004	39.458	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	5968641	41.323	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	5999924	43.463	ng/ul	99
93) Benzo(a)pyrene	24.051	252	5237605	42.002	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	6321942	40.920	ng/ul	100
95) Dibenzo(a,h)anthracene	26.898	278	5270004	41.146	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	4936803	40.391	ng/ul	99

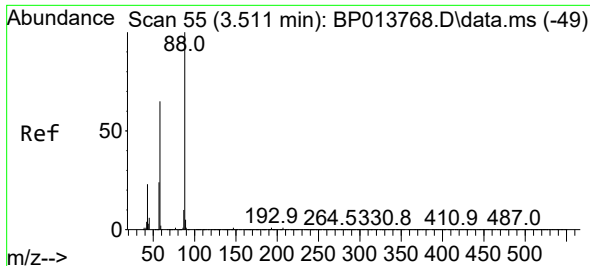
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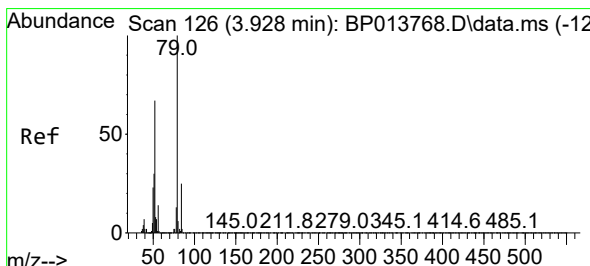
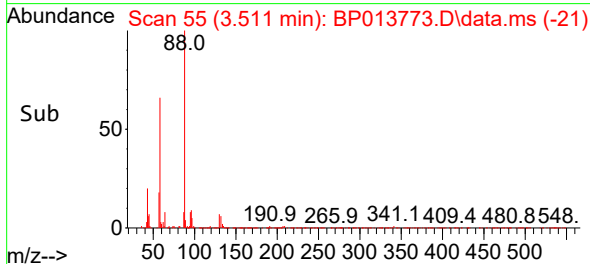
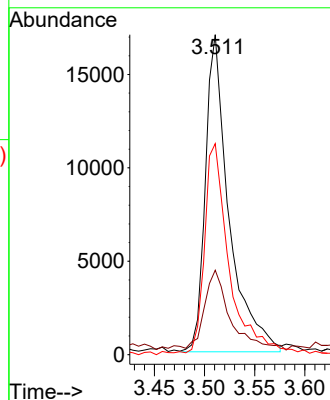
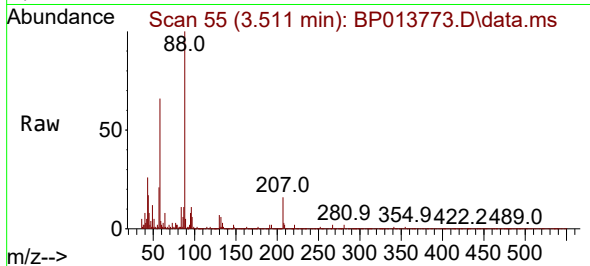




#2
1,4-Dioxane
Concen: 4.921 ng/uL
RT: 3.511 min Scan# 51
Delta R.T. -0.000 min
Lab File: BP013773.D
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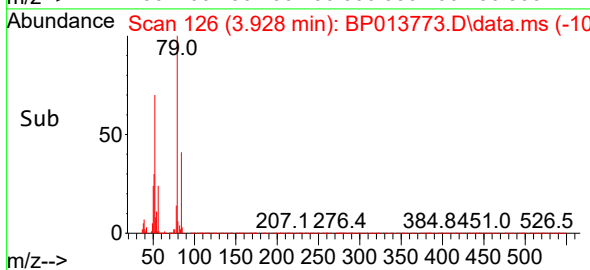
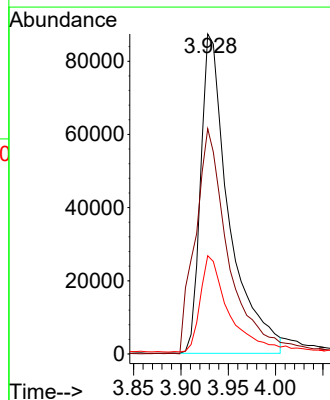
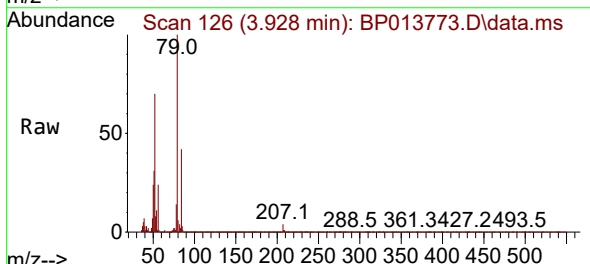
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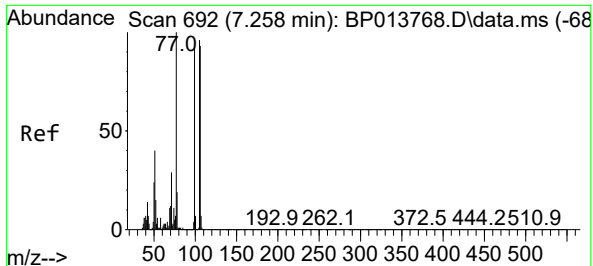
Tgt Ion: 88	Resp: 27819
Ion Ratio	Lower Upper
88 100	
43 26.4	22.2 33.4
58 65.9	54.9 82.3



#5
Pyridine
Concen: 11.569 ng/uL
RT: 3.928 min Scan# 126
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion: 79	Resp: 181328
Ion Ratio	Lower Upper
79 100	
52 70.4	53.8 80.6
51 30.7	25.1 37.7

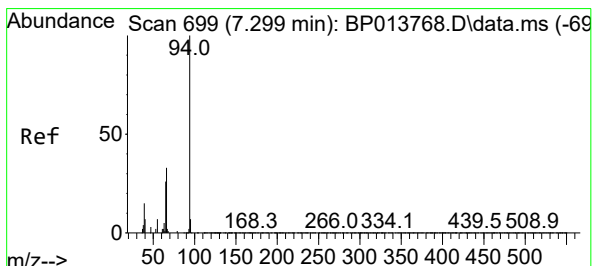
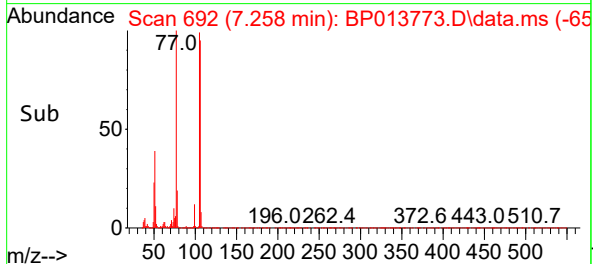
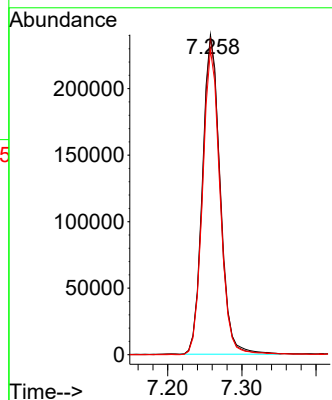
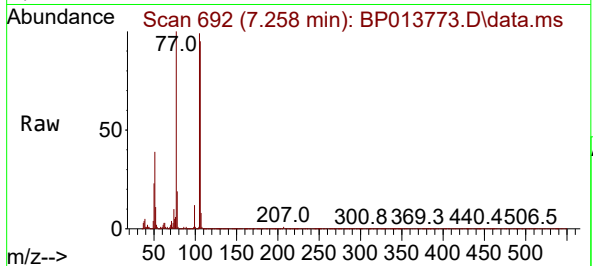




#6
Benzaldehyde
Concen: 49.058 ng/ul
RT: 7.258 min Scan# 692
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

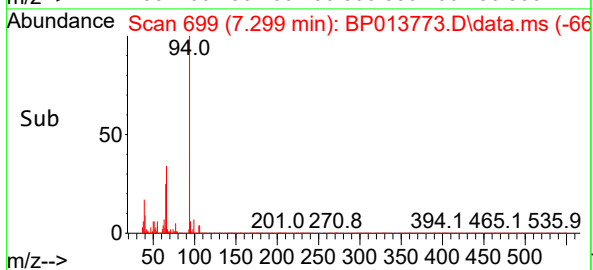
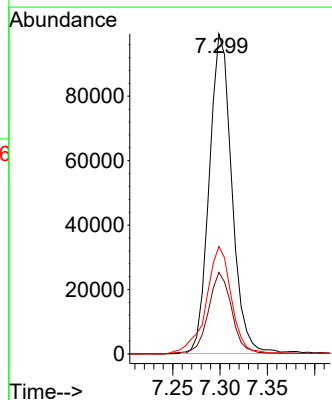
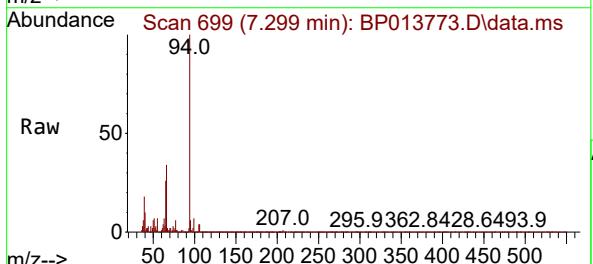
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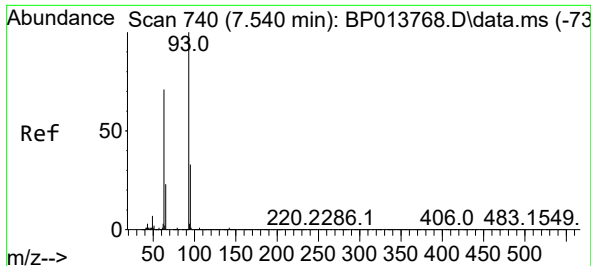
Tgt Ion: 77 Resp: 397640
Ion Ratio Lower Upper
77 100
105 99.1 80.6 121.0
106 95.2 75.0 112.4



#8
Phenol
Concen: 7.941 ng/ul
RT: 7.299 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion: 94 Resp: 164282
Ion Ratio Lower Upper
94 100
65 25.5 21.0 31.4
66 33.6 27.4 41.2

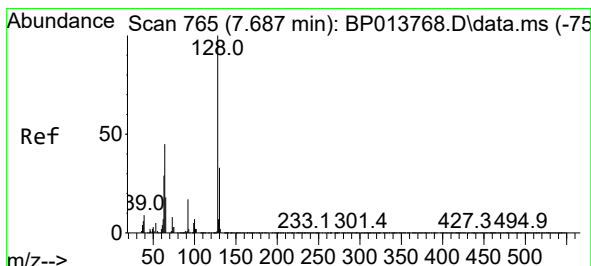
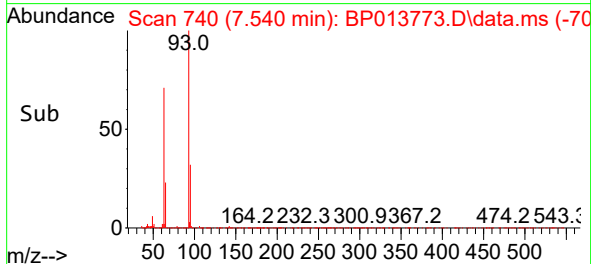
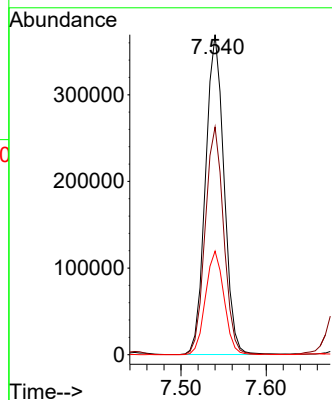
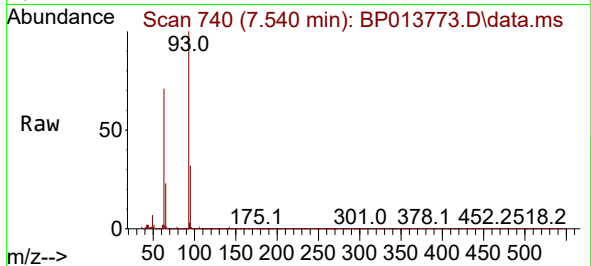




#10
Bis(2-Chloroethyl)ether
Concen: 33.548 ng/ul
RT: 7.540 min Scan# 740
Delta R.T. -0.000 min
Lab File: BP013773.D
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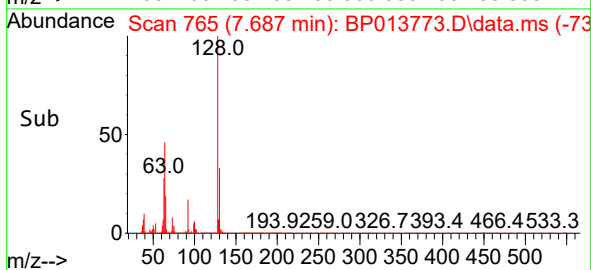
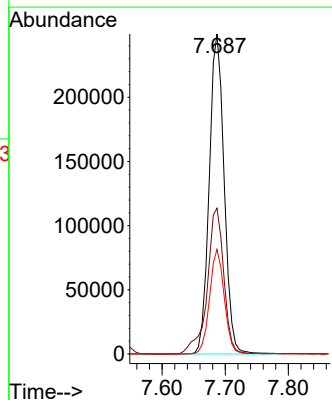
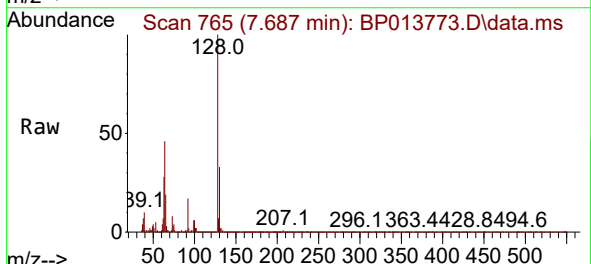
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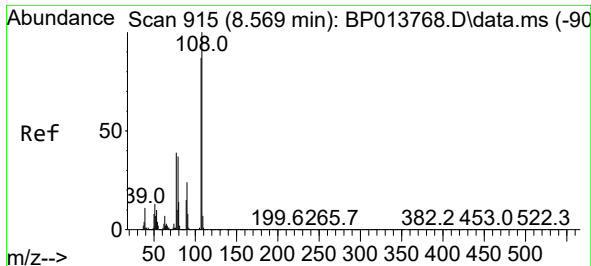
Tgt Ion: 93 Resp: 557730
Ion Ratio Lower Upper
93 100
63 71.1 55.8 83.6
95 32.3 25.1 37.7



#12
2-Chlorophenol
Concen: 27.235 ng/ul
RT: 7.687 min Scan# 765
Delta R.T. -0.000 min
Lab File: BP013773.D
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Tgt Ion: 128 Resp: 408891
Ion Ratio Lower Upper
128 100
64 45.5 37.9 56.9
130 32.7 25.2 37.8





#13

2-Methylphenol

Concen: 20.409 ng/ul

RT: 8.569 min Scan# 915

Delta R.T. -0.000 min

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Instrument :

BNA_P

ClientSampleId :

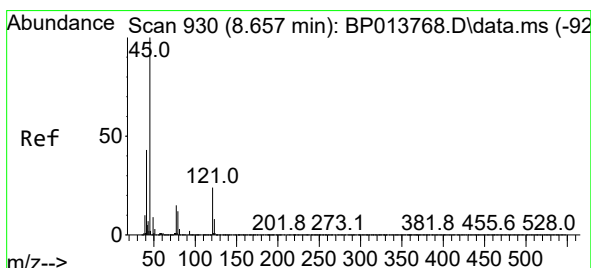
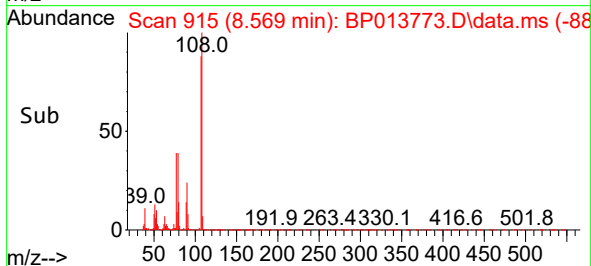
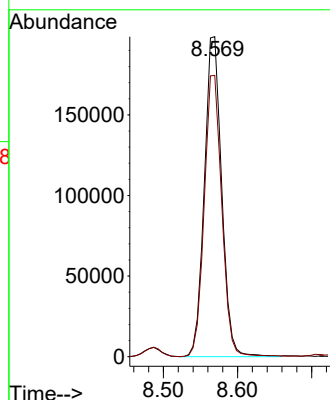
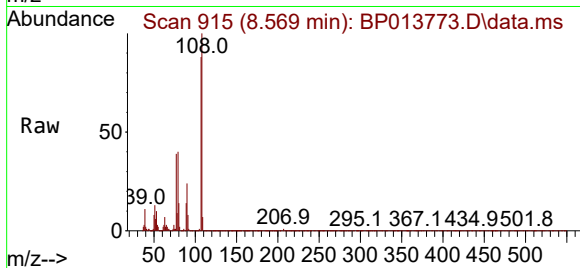
A44M5MSD

Tgt Ion:108 Resp: 322383

Ion Ratio Lower Upper

108 100

107 87.9 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 33.113 ng/ul

RT: 8.657 min Scan# 930

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

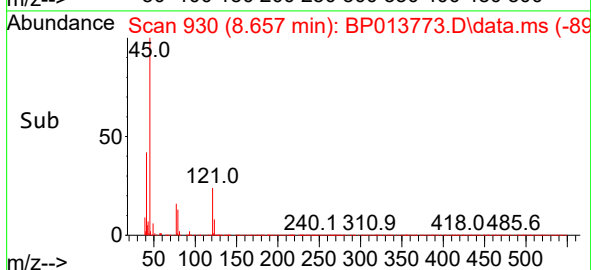
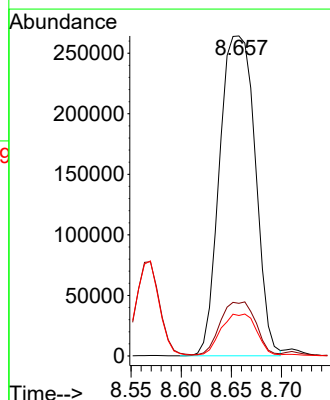
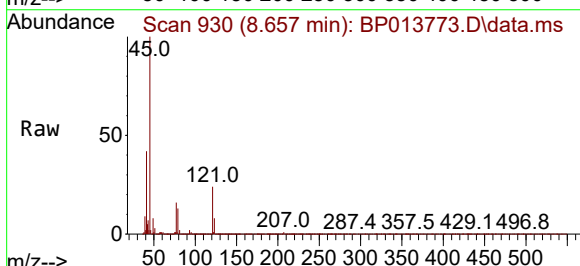
Tgt Ion: 45 Resp: 651759

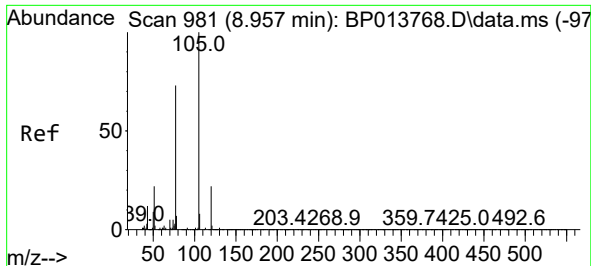
Ion Ratio Lower Upper

45 100

77 16.4 12.6 19.0

79 12.7 10.0 15.0

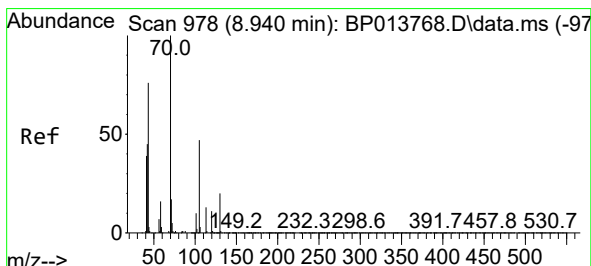
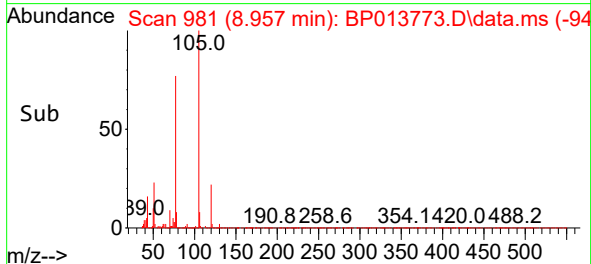
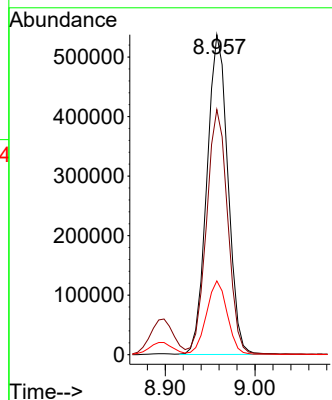
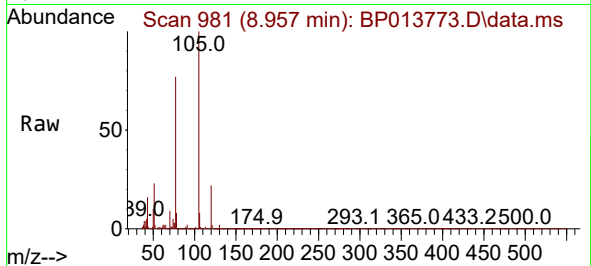




#16
Acetophenone
Concen: 34.808 ng/ul
RT: 8.957 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

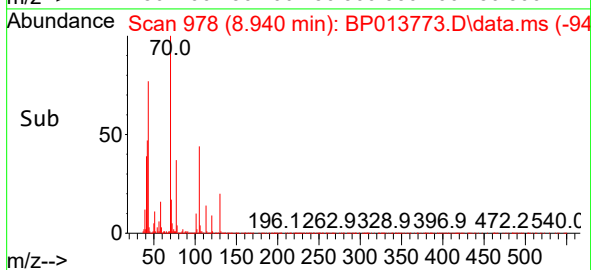
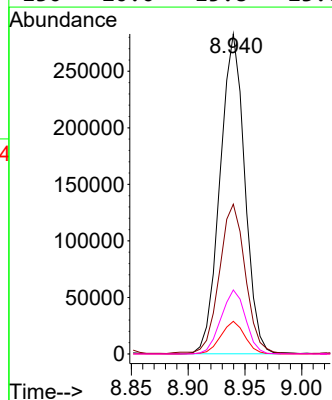
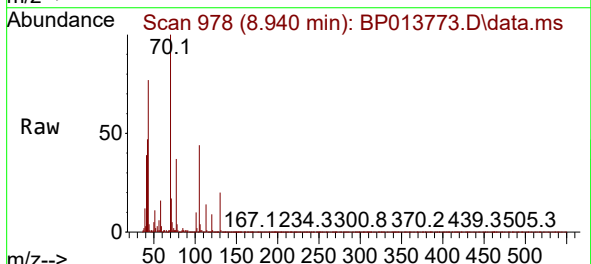
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

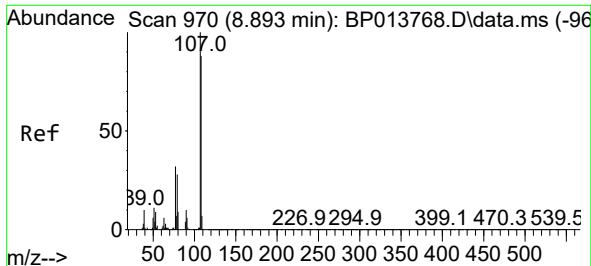
Tgt Ion:105 Resp: 874498
Ion Ratio Lower Upper
105 100
77 76.6 61.2 91.8
51 23.1 18.5 27.7



#17
N-Nitroso-di-n-propylamine
Concen: 34.008 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion: 70 Resp: 427993
Ion Ratio Lower Upper
70 100
42 46.8 38.2 57.4
101 10.2 7.4 11.2
130 20.0 15.8 23.6

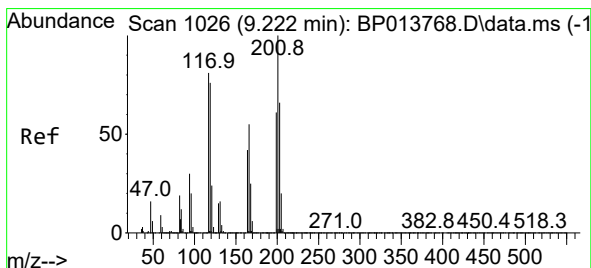
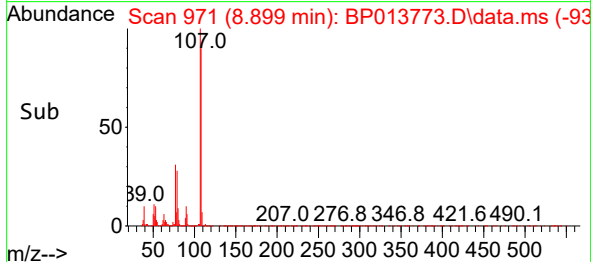
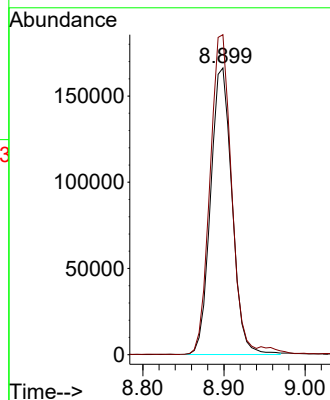
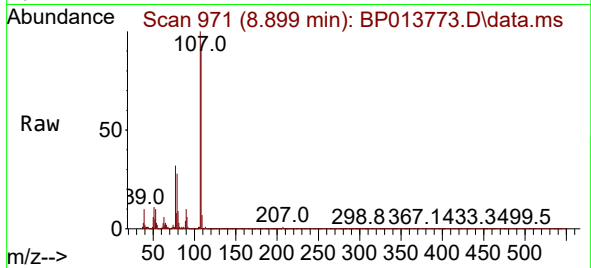




#18
4-Methylphenol
Concen: 17.789 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

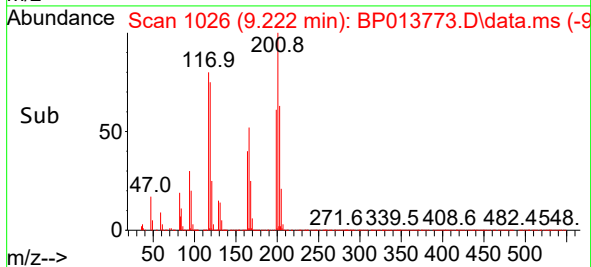
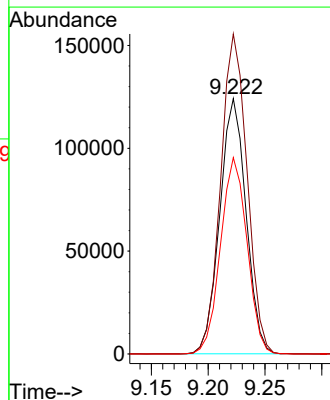
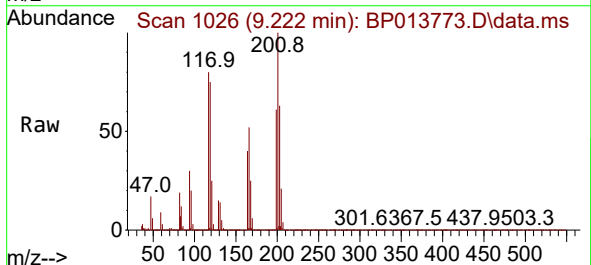
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

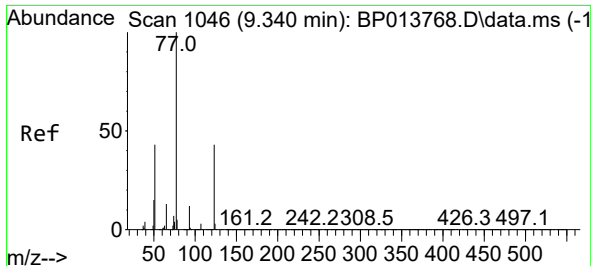
Tgt Ion:108 Resp: 305165
Ion Ratio Lower Upper
108 100
107 111.6 89.9 134.9



#19
Hexachloroethane
Concen: 33.972 ng/ul
RT: 9.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:117 Resp: 199637
Ion Ratio Lower Upper
117 100
201 125.3 94.8 142.2
199 76.9 60.1 90.1

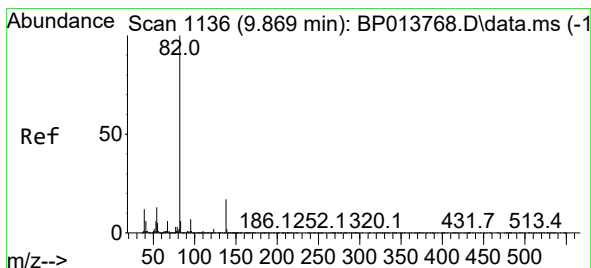
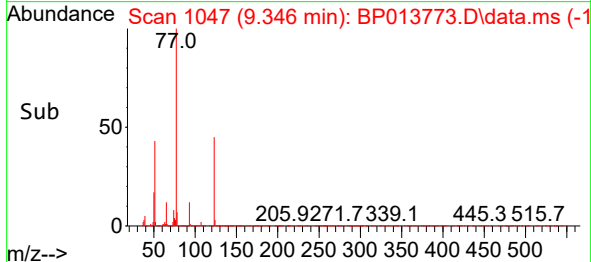
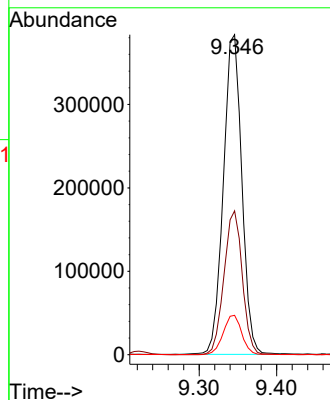
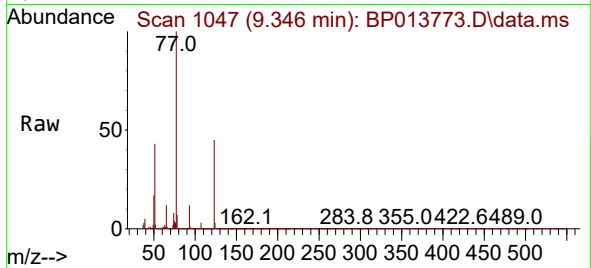




#22
Nitrobenzene
Concen: 37.613 ng/ul
RT: 9.346 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

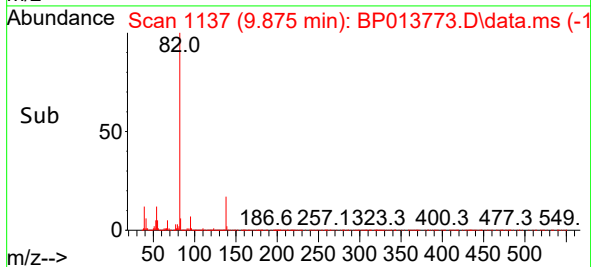
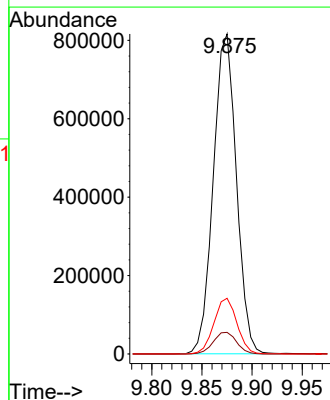
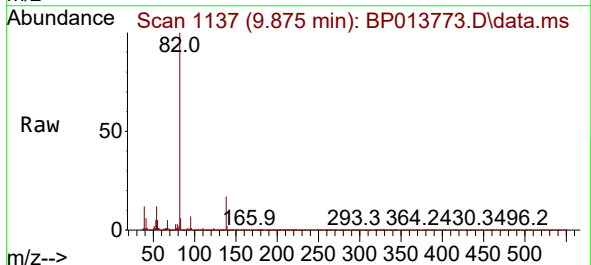
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

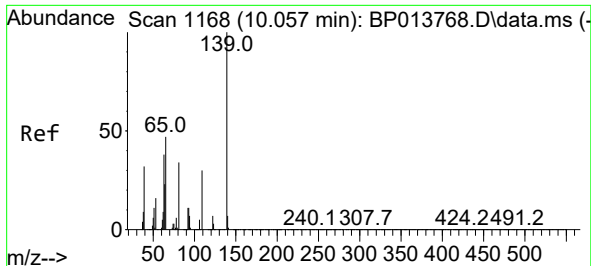
Tgt Ion: 77 Resp: 635296
Ion Ratio Lower Upper
77 100
123 44.9 34.1 51.1
65 12.3 9.8 14.8



#23
Isophorone
Concen: 33.726 ng/ul
RT: 9.875 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion: 82 Resp: 1304160
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.4 13.6 20.4

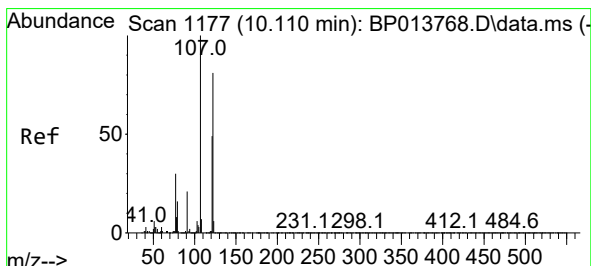
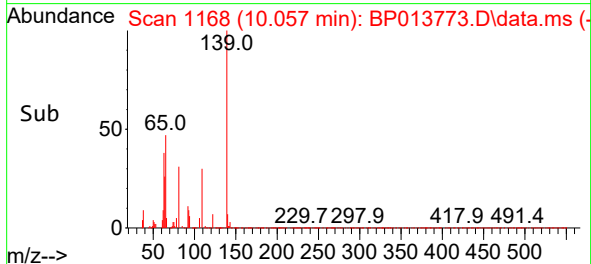
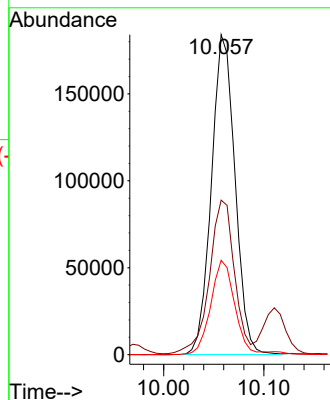
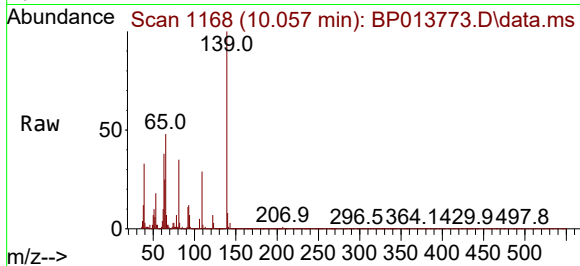




#25
2-Nitrophenol
Concen: 37.283 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

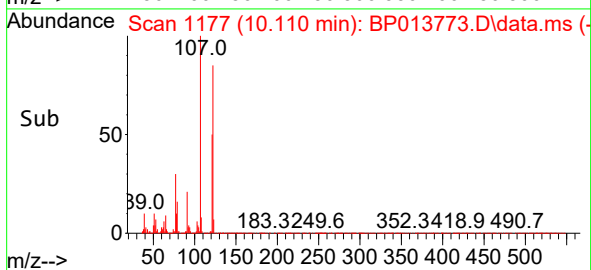
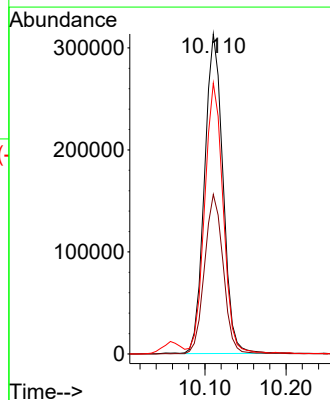
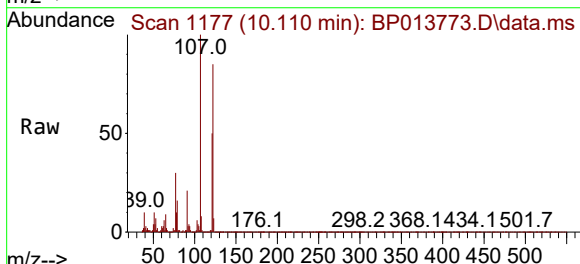
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

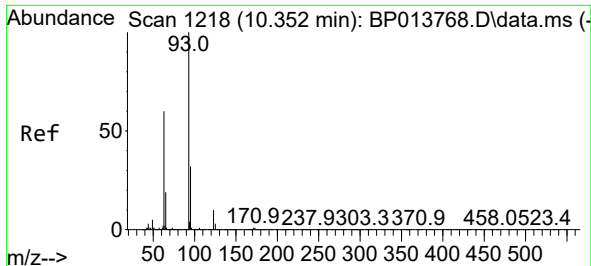
Tgt Ion:139 Resp: 300639
Ion Ratio Lower Upper
139 100
65 48.3 40.9 61.3
109 29.5 24.3 36.5



#26
2,4-Dimethylphenol
Concen: 27.165 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:107 Resp: 494918
Ion Ratio Lower Upper
107 100
121 49.9 39.8 59.8
122 84.7 67.6 101.4

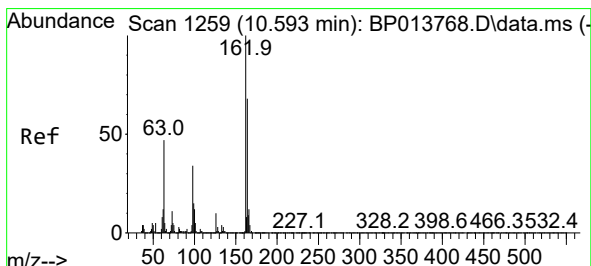
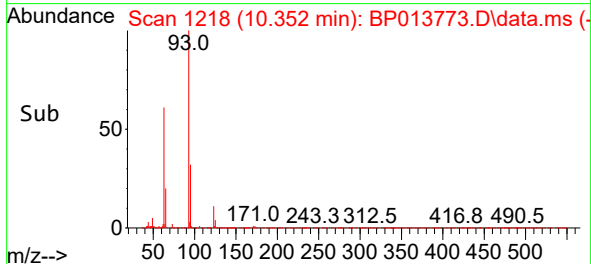
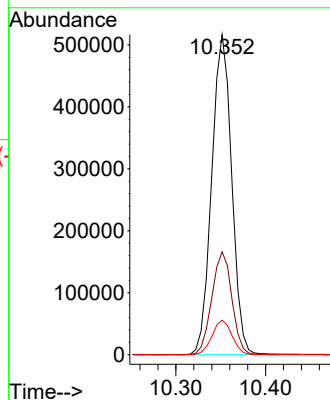
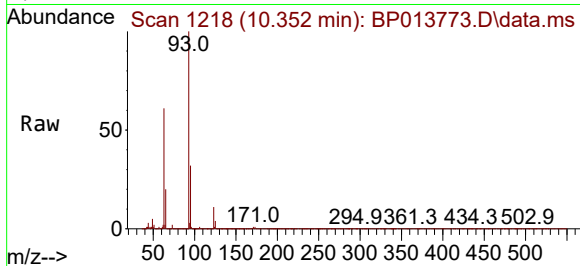




#27
 Bis(2-Chloroethoxy)methane
 Concen: 34.067 ng/ul
 RT: 10.352 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BP013773.D
 Acq: 06 Feb 2023 15:06

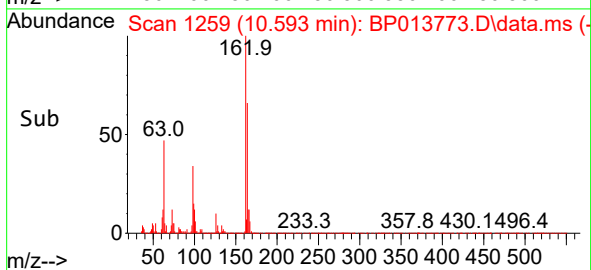
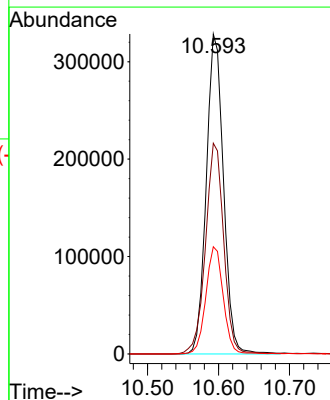
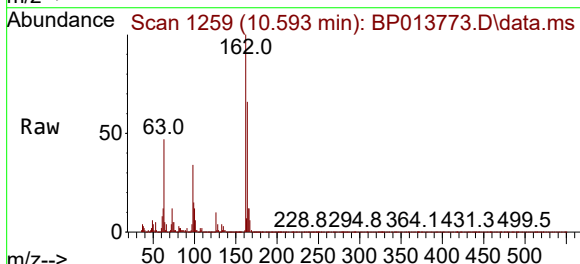
Instrument :
 BNA_P
 ClientSampleId :
 A44M5MSD

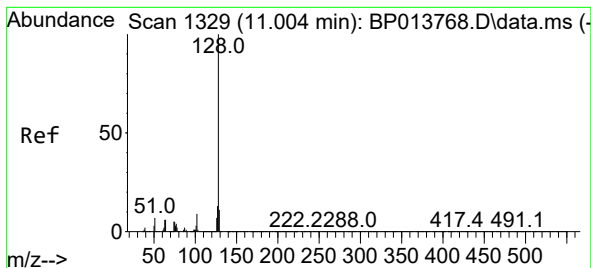
Tgt Ion: 93 Resp: 798353
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.3 37.9
 123 10.8 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 33.583 ng/ul
 RT: 10.593 min Scan# 1259
 Delta R.T. -0.006 min
 Lab File: BP013773.D
 Acq: 06 Feb 2023 15:06

Tgt Ion: 162 Resp: 553898
 Ion Ratio Lower Upper
 162 100
 164 65.9 52.1 78.1
 98 33.5 27.7 41.5





#30

Naphthalene

Concen: 34.708 ng/ul

RT: 11.004 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

Instrument :

BNA_P

ClientSampleId :

A44M5MSD

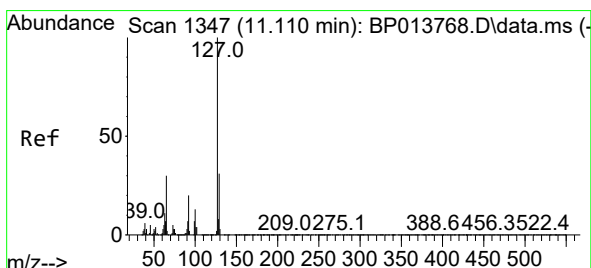
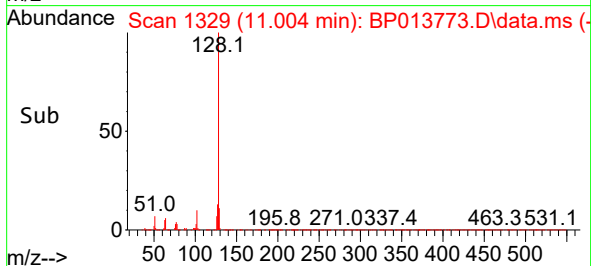
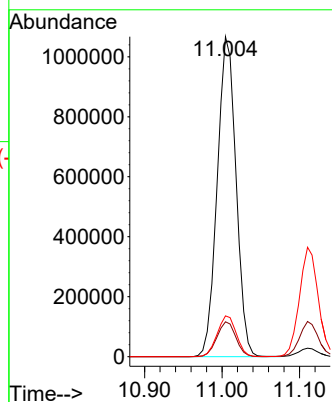
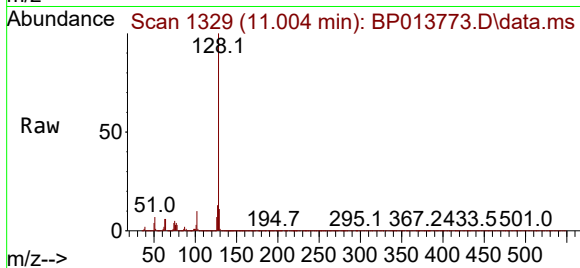
Tgt Ion:128 Resp: 1798210

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 12.8 10.2 15.4



#32

4-Chloroaniline

Concen: 27.508 ng/ul

RT: 11.110 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BP013773.D

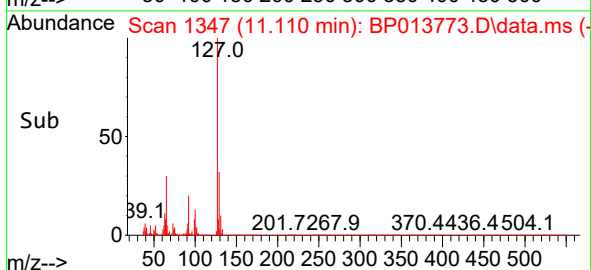
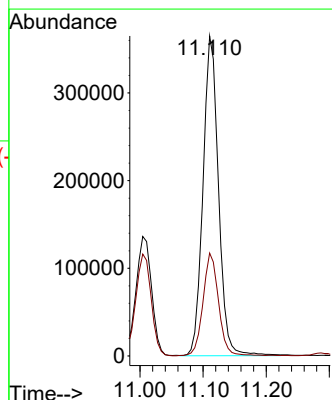
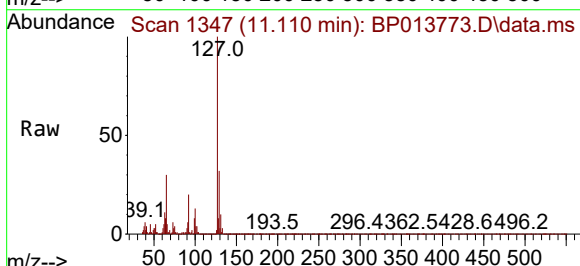
Acq: 06 Feb 2023 15:06

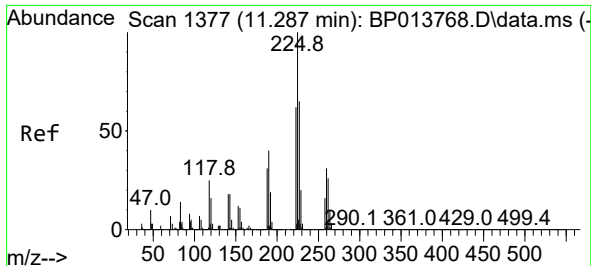
Tgt Ion:127 Resp: 623146

Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

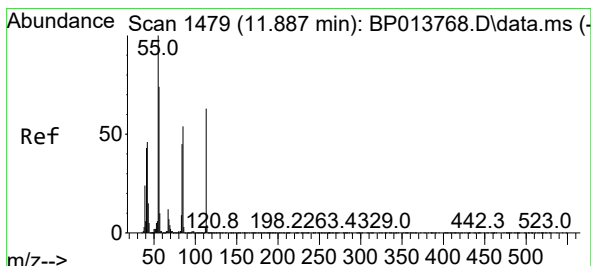
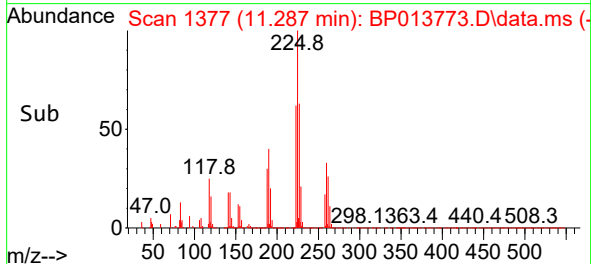
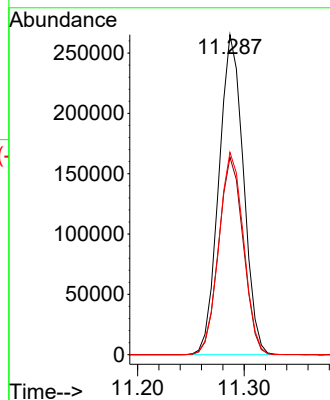
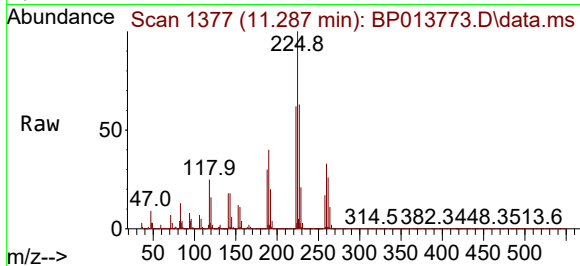




#33
Hexachlorobutadiene
Concen: 36.442 ng/ul
RT: 11.287 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

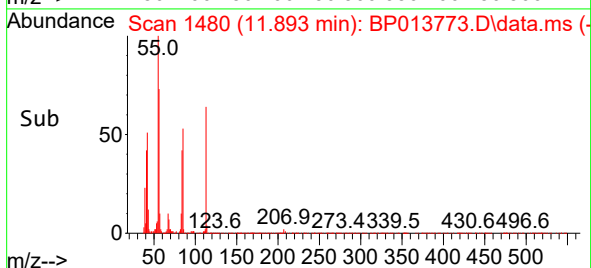
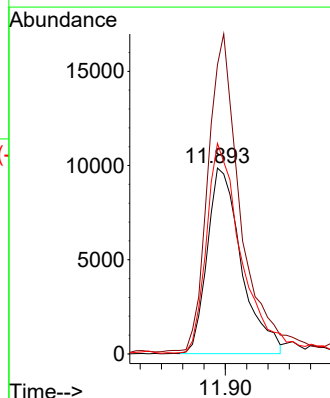
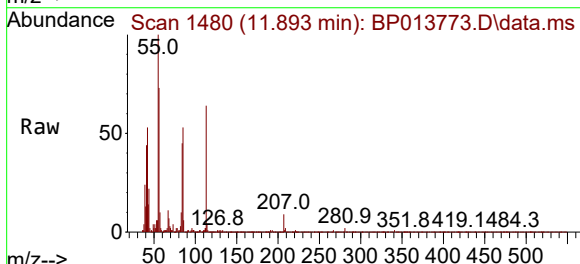
Instrument :
BNA_P
ClientSampleId :
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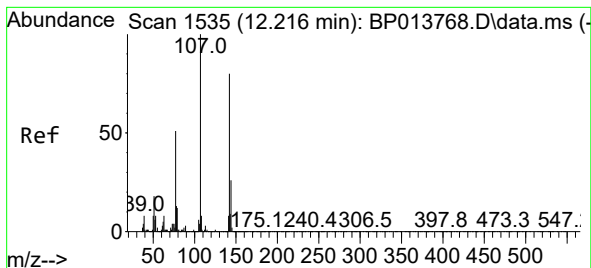
Tgt Ion:225 Resp: 423904
Ion Ratio Lower Upper
225 100
223 61.7 51.4 77.2
227 63.2 50.9 76.3



#34
Caprolactam
Concen: 3.939 ng/ul
RT: 11.893 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:113 Resp: 21964
Ion Ratio Lower Upper
113 100
55 155.5 128.4 192.6
56 113.3 92.2 138.2

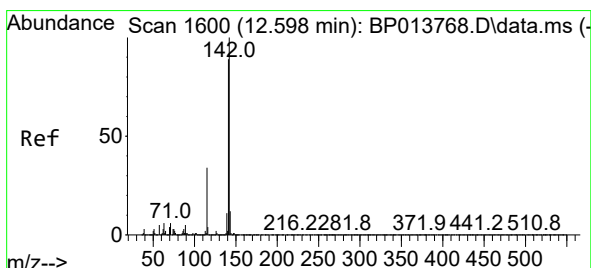
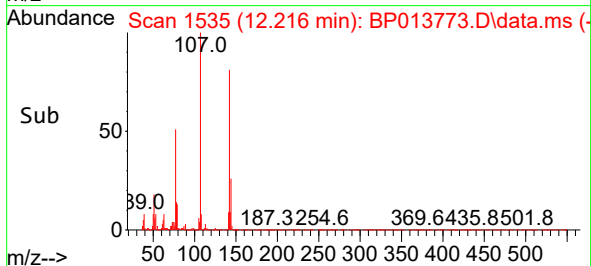
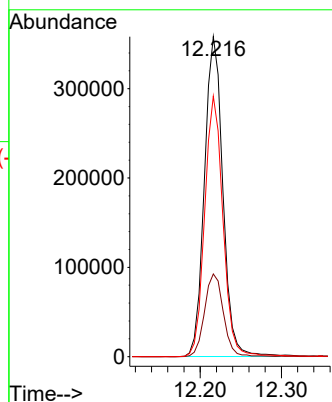
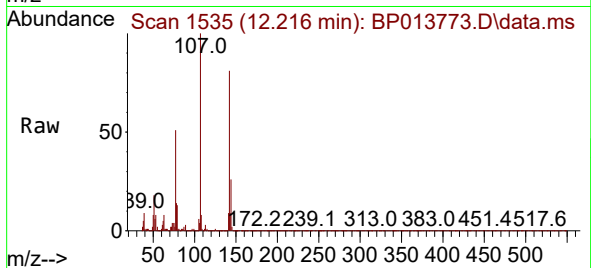




#35
4-Chloro-3-methylphenol
Concen: 31.900 ng/ul
RT: 12.216 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

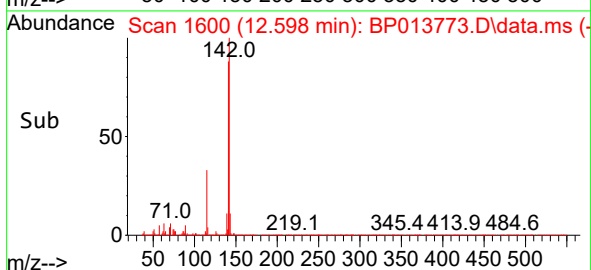
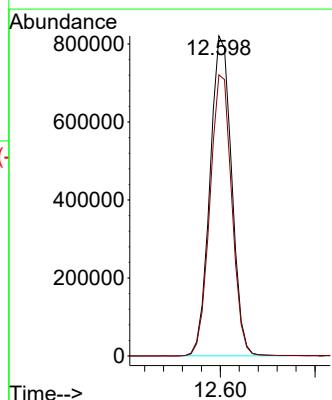
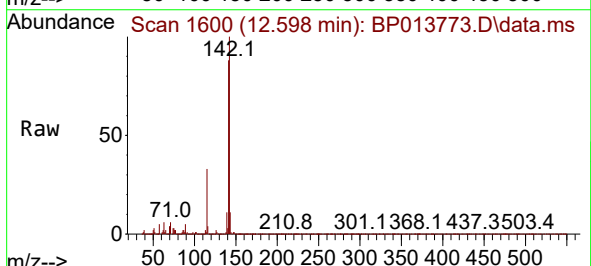
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

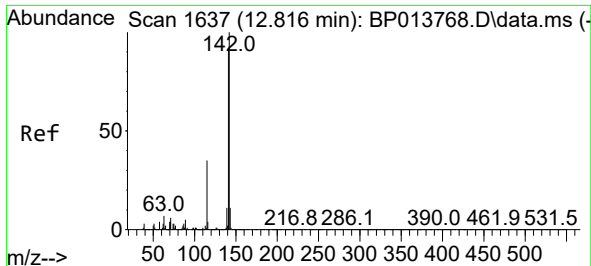
Tgt Ion:107 Resp: 563526
Ion Ratio Lower Upper
107 100
144 25.9 21.4 32.0
142 81.4 65.6 98.4



#36
2-Methylnaphthalene
Concen: 35.365 ng/ul
RT: 12.598 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:142 Resp: 1304252
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2

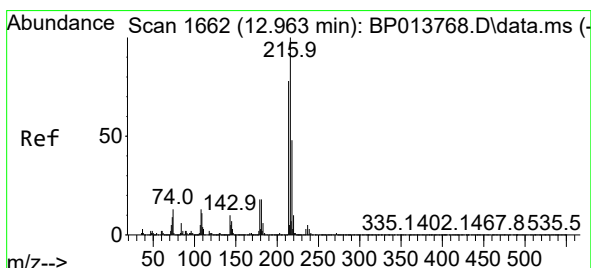
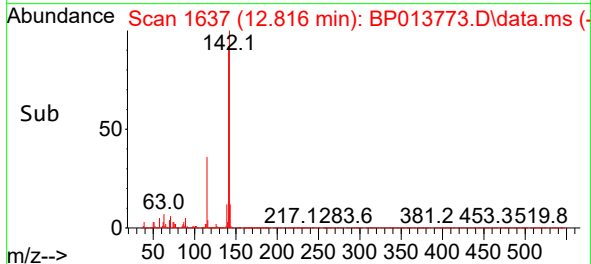
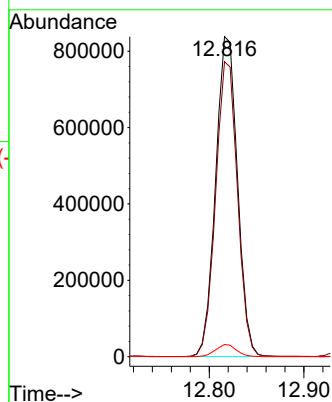
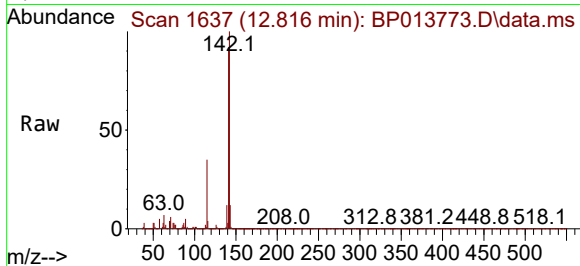




#37
1-Methylnaphthalene
Concen: 36.097 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

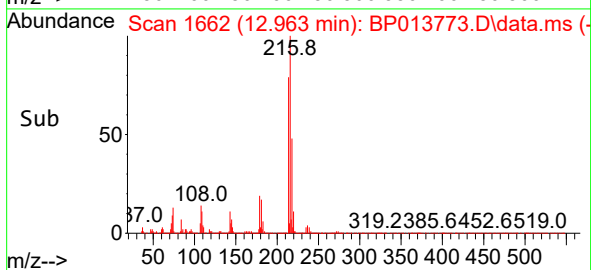
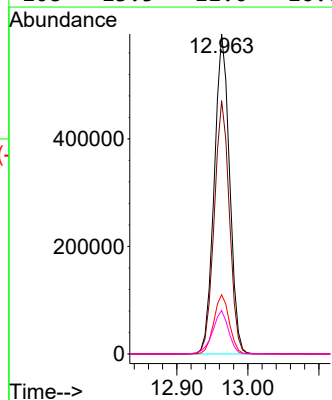
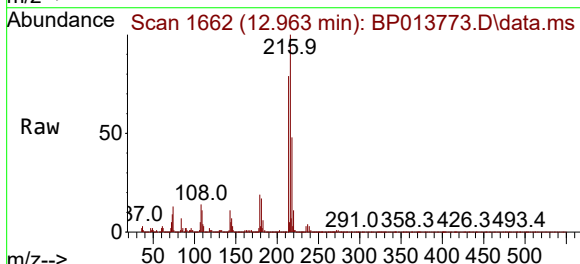
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

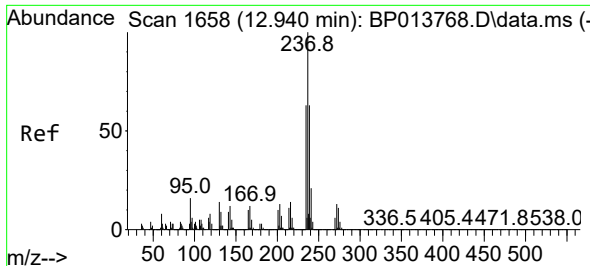
Tgt Ion:142 Resp: 1344499
Ion Ratio Lower Upper
142 100
141 92.2 74.4 111.6
116 3.8 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.420 ng/ul
RT: 12.963 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:216 Resp: 889615
Ion Ratio Lower Upper
216 100
214 79.2 61.5 92.3
179 18.5 15.0 22.4
108 13.5 11.0 16.6

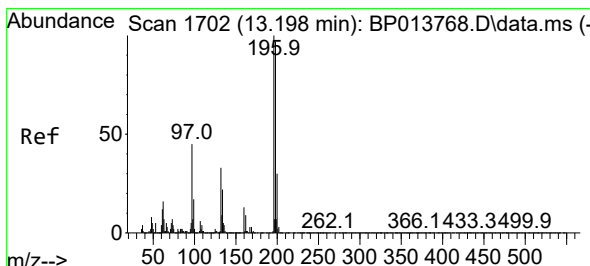
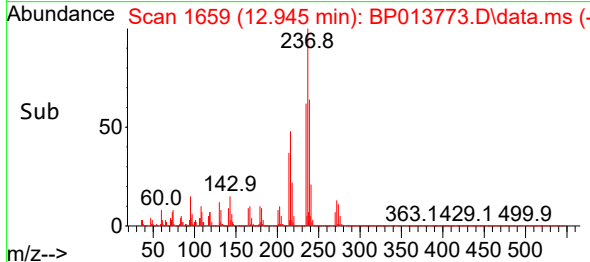
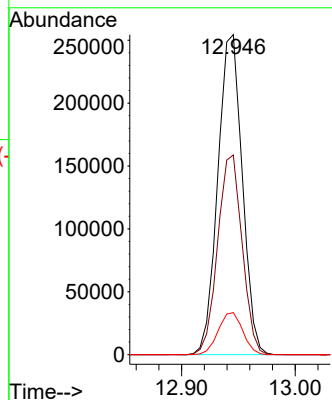
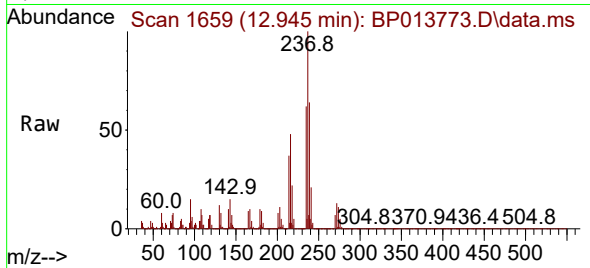




#40
Hexachlorocyclopentadiene
Concen: 29.275 ng/ul
RT: 12.945 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

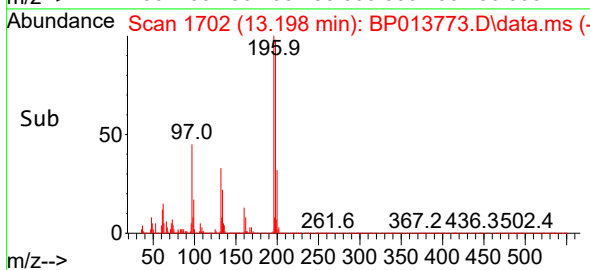
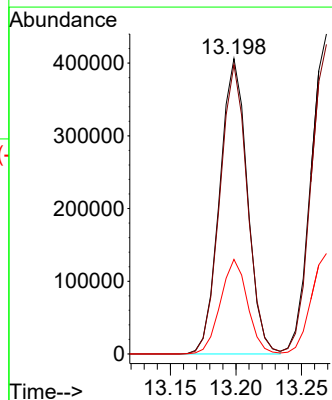
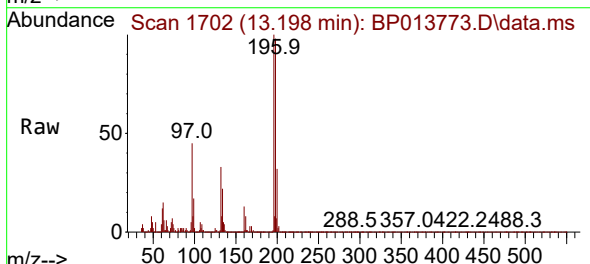
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

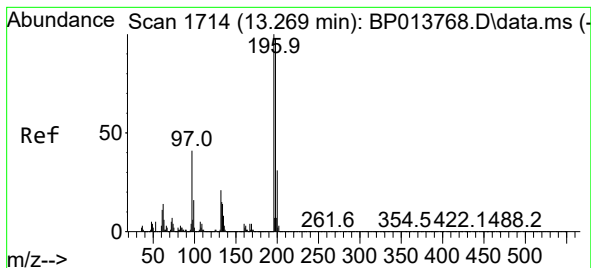
Tgt Ion:237 Resp: 381129
Ion Ratio Lower Upper
237 100
235 62.4 50.7 76.1
272 13.2 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 38.848 ng/ul
RT: 13.198 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:196 Resp: 595895
Ion Ratio Lower Upper
196 100
198 98.0 79.0 118.6
200 32.0 25.2 37.8

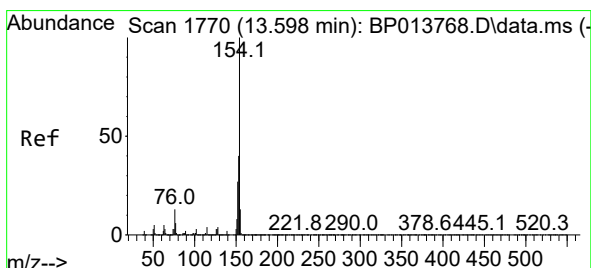
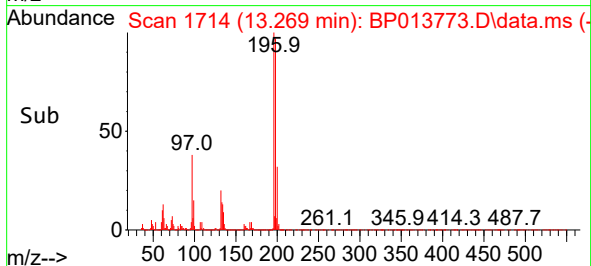
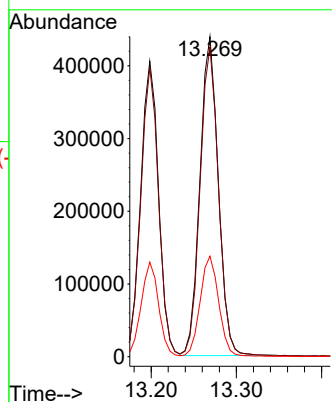
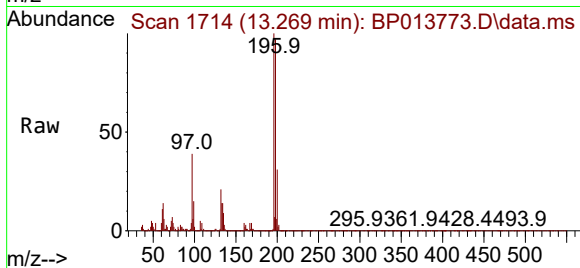




#42
2,4,5-Trichlorophenol
Concen: 39.310 ng/ul
RT: 13.269 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

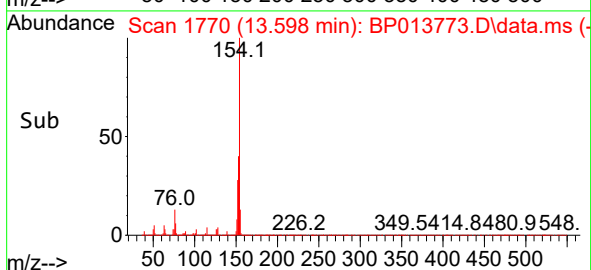
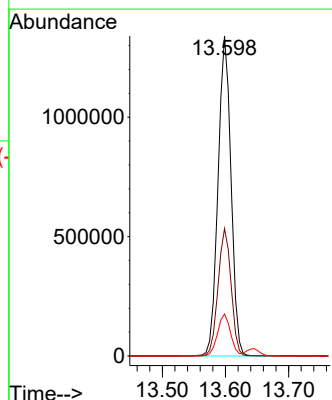
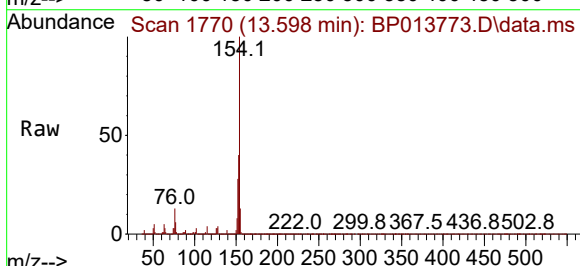
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

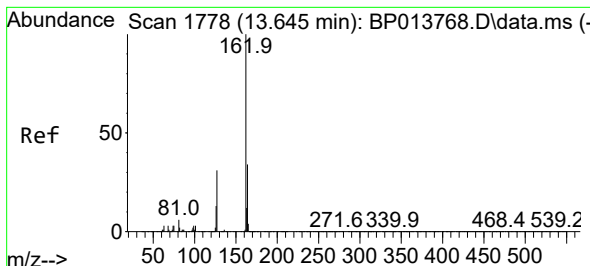
Tgt Ion:196 Resp: 657130
Ion Ratio Lower Upper
196 100
198 96.7 77.8 116.8
200 31.4 26.2 39.2



#43
1,1'-Biphenyl
Concen: 36.012 ng/ul
RT: 13.598 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:154 Resp: 1911303
Ion Ratio Lower Upper
154 100
153 39.8 32.2 48.2
76 13.2 10.0 15.0





#44

2-Chloronaphthalene

Concen: 36.351 ng/ul

RT: 13.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

Instrument :

BNA_P

ClientSampleId :

A44M5MSD

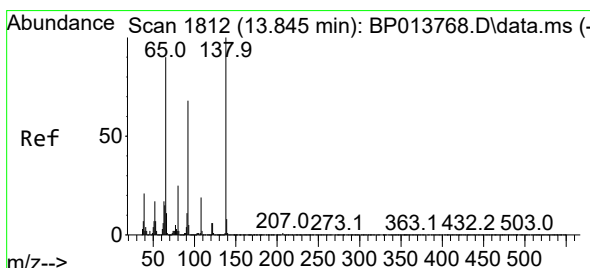
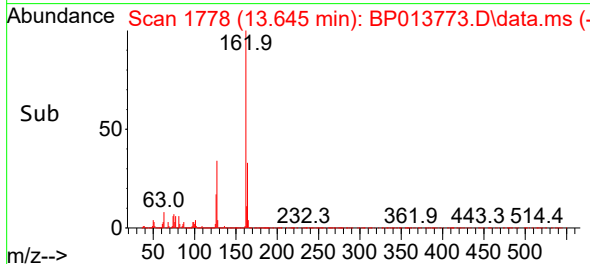
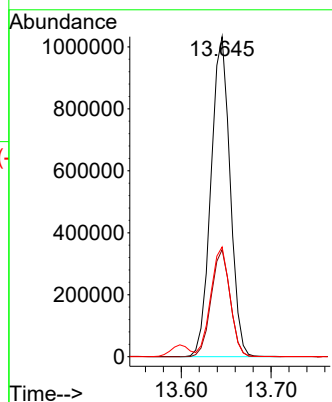
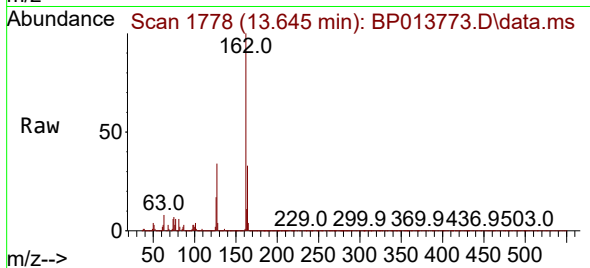
Tgt Ion:162 Resp: 1526357

Ion Ratio Lower Upper

162 100

164 33.4 26.6 39.8

127 34.3 27.5 41.3



#45

2-Nitroaniline

Concen: 50.007 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

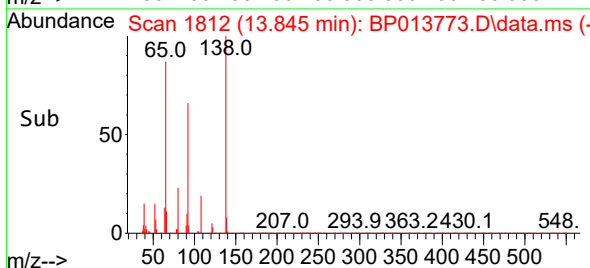
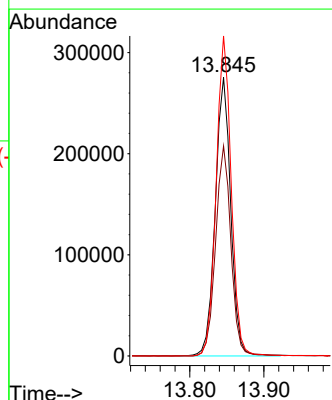
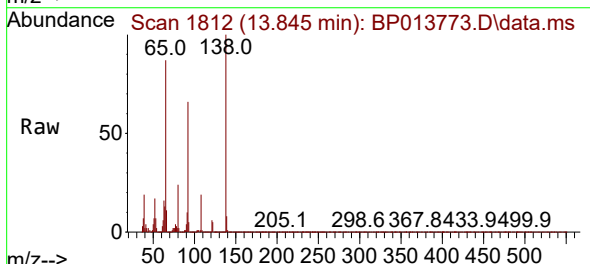
Tgt Ion: 65 Resp: 399695

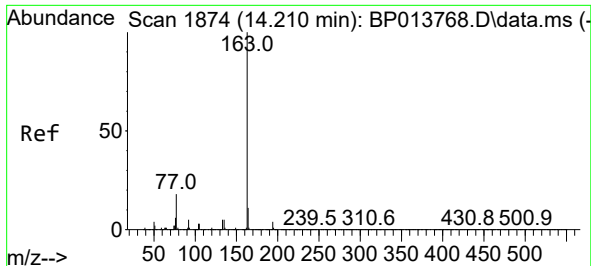
Ion Ratio Lower Upper

65 100

92 75.3 60.6 91.0

138 114.8 89.9 134.9

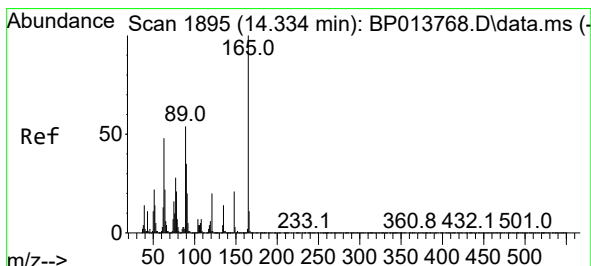
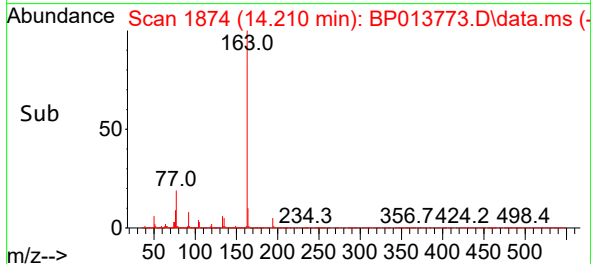
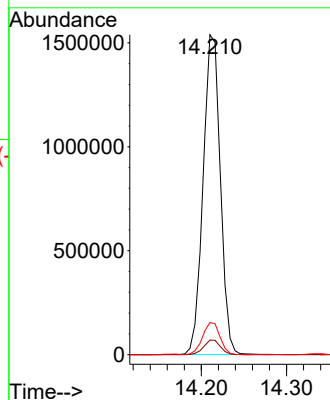
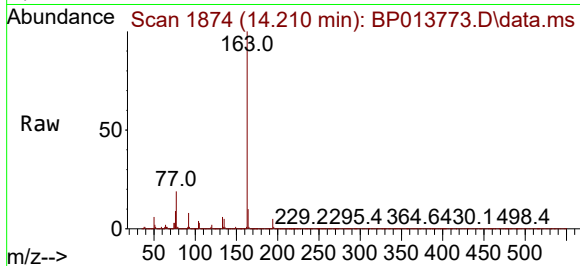




#47
Dimethylphthalate
Concen: 39.674 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

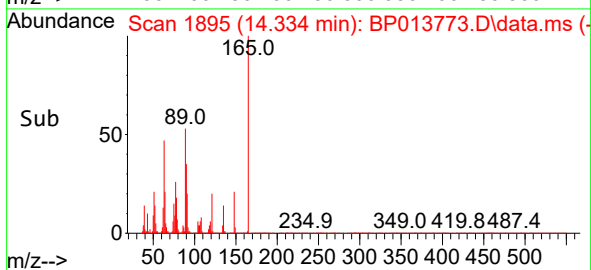
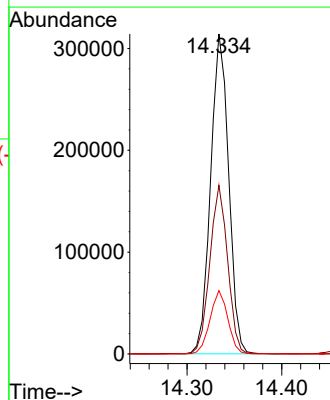
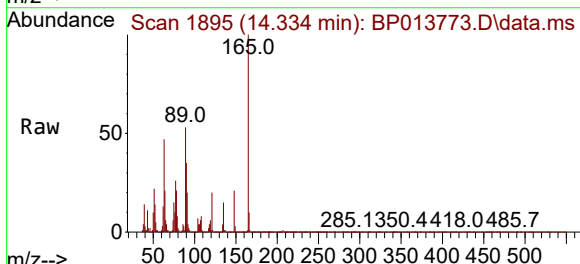
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

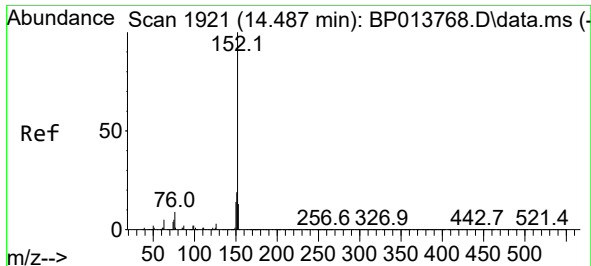
Tgt Ion:163 Resp: 2159694
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 53.369 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:165 Resp: 414031
Ion Ratio Lower Upper
165 100
89 52.7 44.6 67.0
121 19.8 15.8 23.6

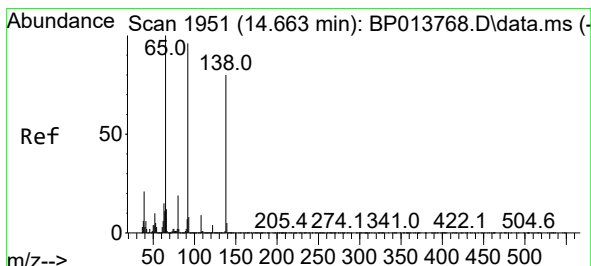
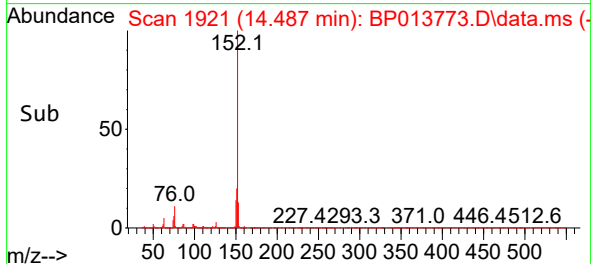
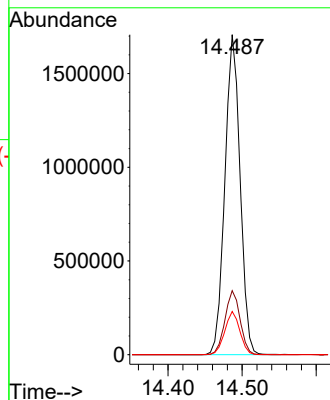
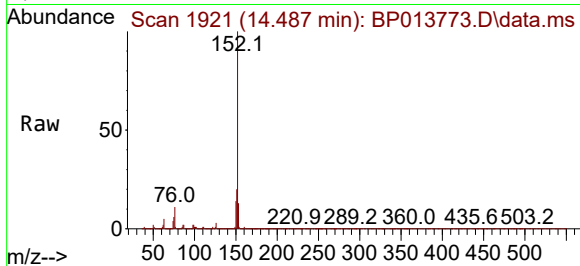




#50
Acenaphthylene
Concen: 37.789 ng/ul
RT: 14.487 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

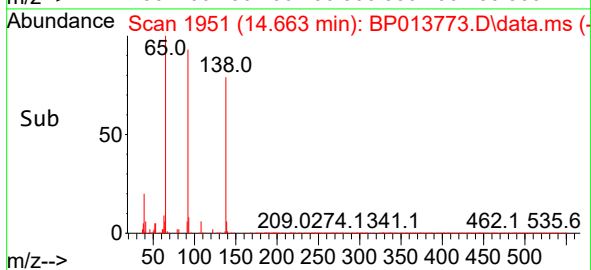
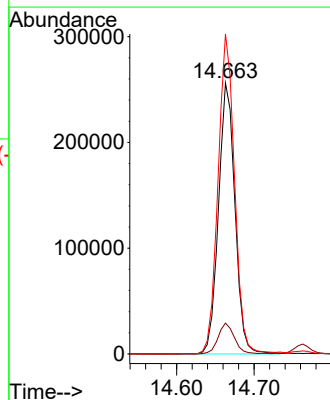
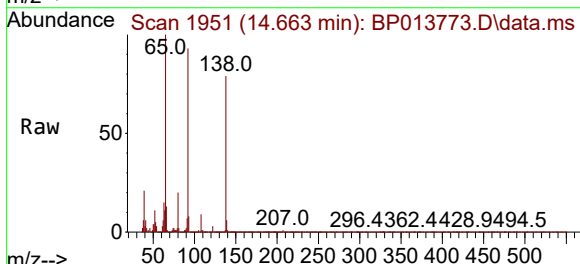
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

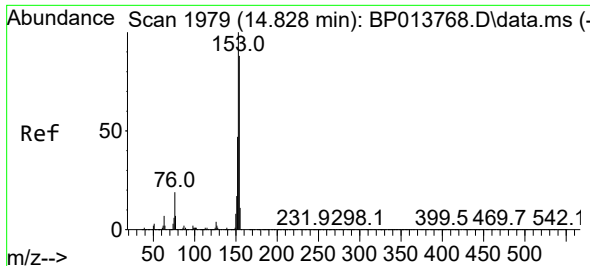
Tgt Ion:152 Resp: 2432669
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.5 10.7 16.1



#51
3-Nitroaniline
Concen: 46.195 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:138 Resp: 378799
Ion Ratio Lower Upper
138 100
108 11.4 10.0 15.0
92 118.1 94.8 142.2

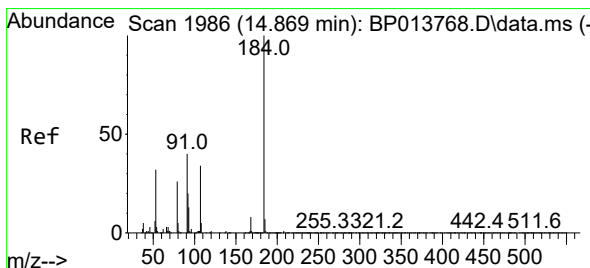
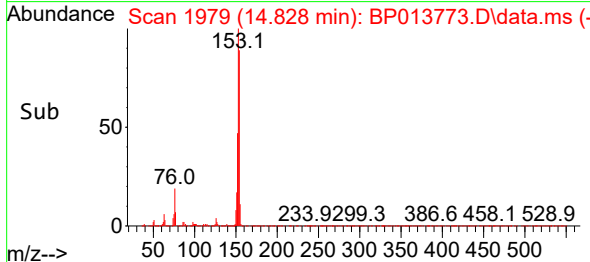
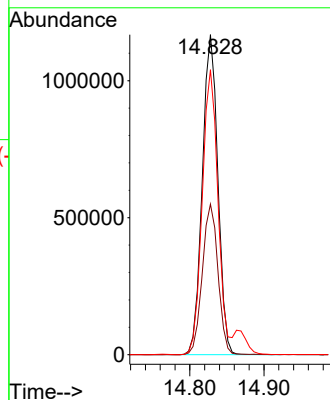
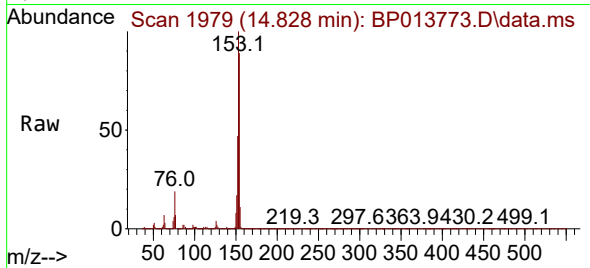




#52
Acenaphthene
Concen: 38.479 ng/ul
RT: 14.828 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

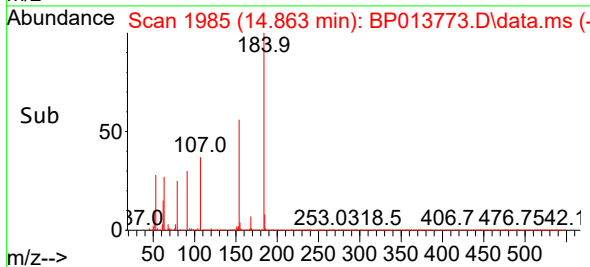
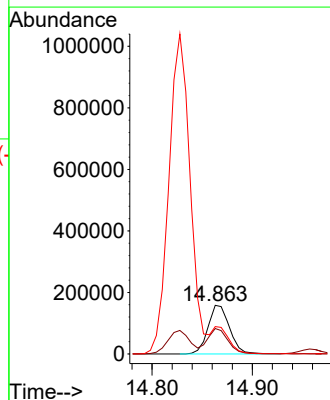
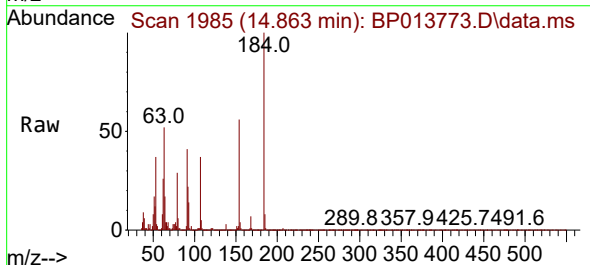
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

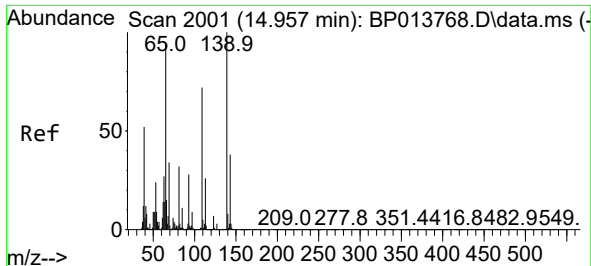
Tgt Ion:153 Resp: 1702279
Ion Ratio Lower Upper
153 100
152 47.0 38.1 57.1
154 89.1 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 39.290 ng/ul
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:184 Resp: 236743
Ion Ratio Lower Upper
184 100
63 52.4 42.5 63.7
154 56.4 46.0 69.0

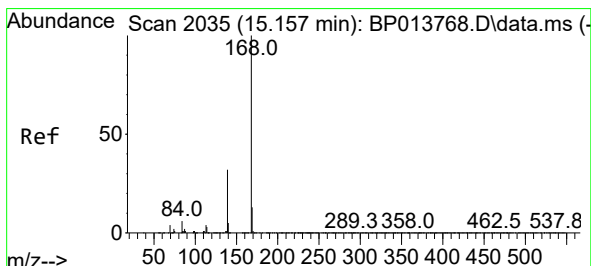
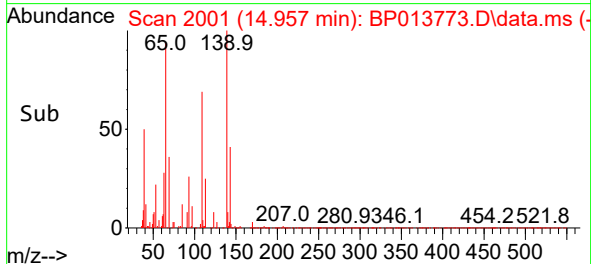
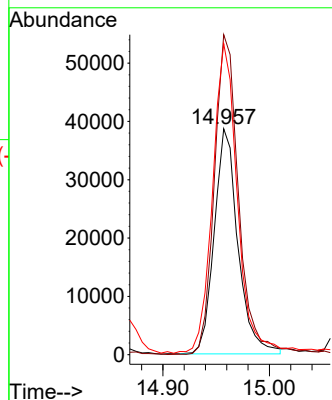
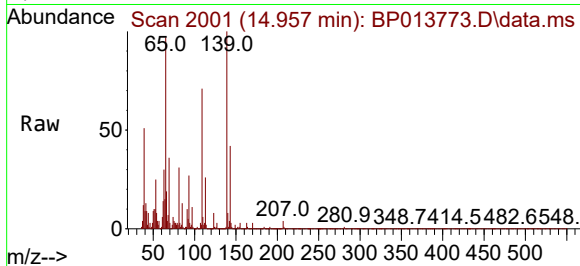




#55
4-Nitrophenol
Concen: 8.413 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

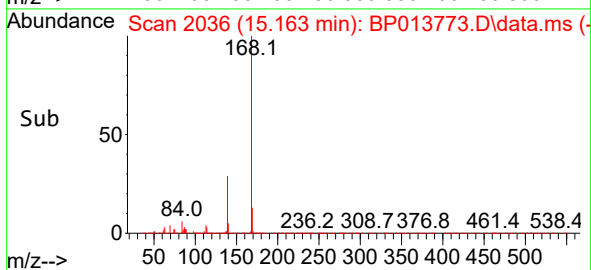
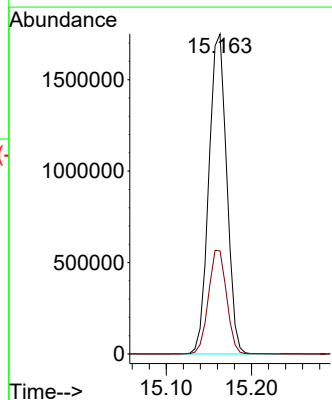
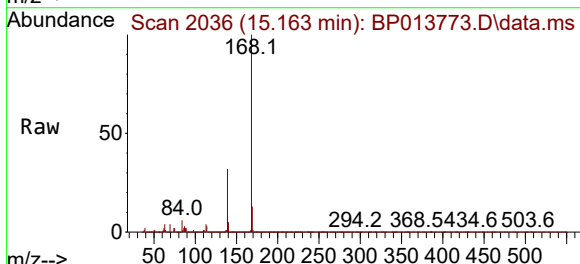
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

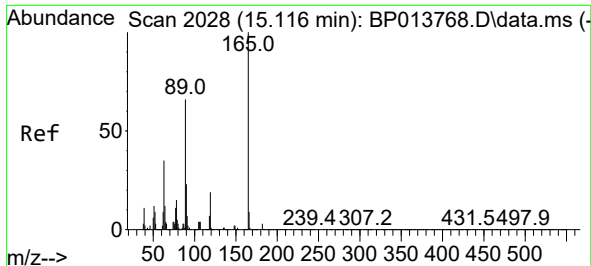
Tgt Ion:109 Resp: 59731
Ion Ratio Lower Upper
109 100
139 141.7 109.1 163.7
65 137.7 103.5 155.3



#56
Dibenzofuran
Concen: 39.540 ng/ul
RT: 15.163 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:168 Resp: 2540849
Ion Ratio Lower Upper
168 100
139 32.2 27.2 40.8

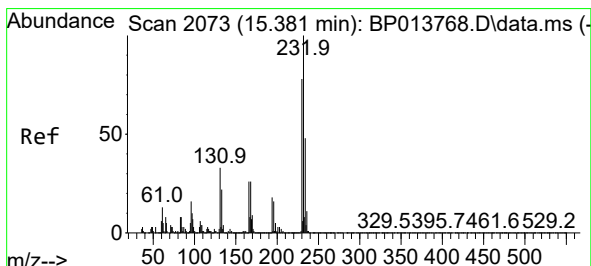
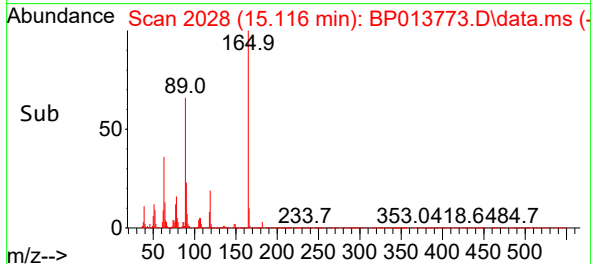
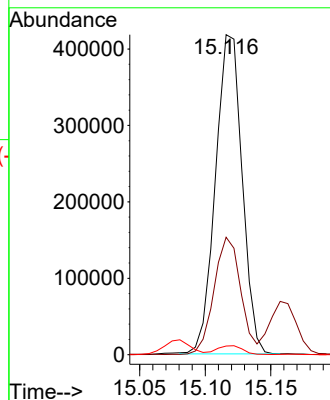
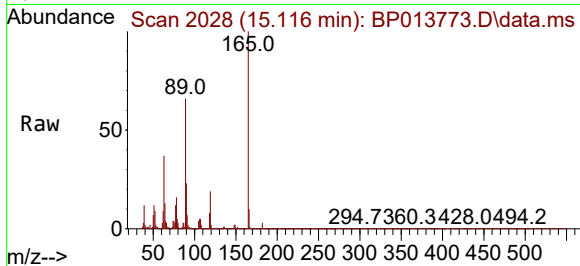




#57
2,4-Dinitrotoluene
Concen: 48.446 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

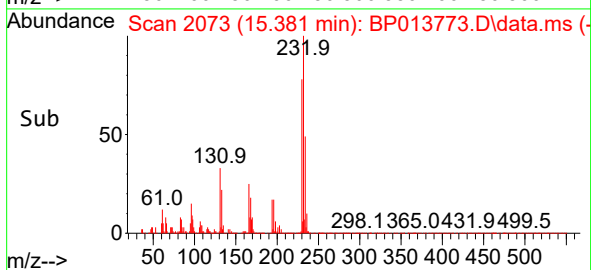
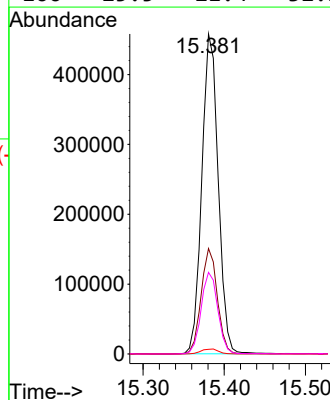
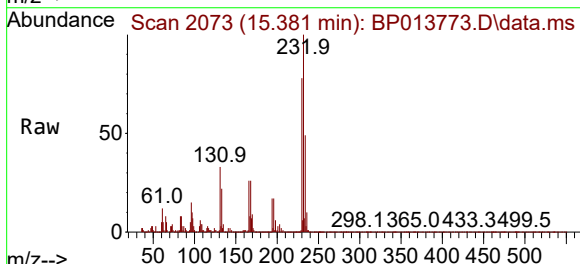
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

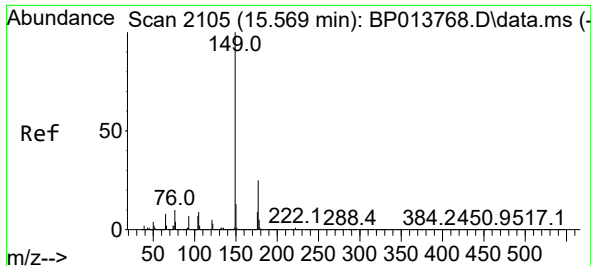
Tgt Ion:165 Resp: 590307
Ion Ratio Lower Upper
165 100
63 36.7 29.4 44.2
182 2.7 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.846 ng/ul
RT: 15.381 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:232 Resp: 641729
Ion Ratio Lower Upper
232 100
131 33.0 28.3 42.5
130 1.5 1.5 2.3#
166 25.5 21.4 32.2

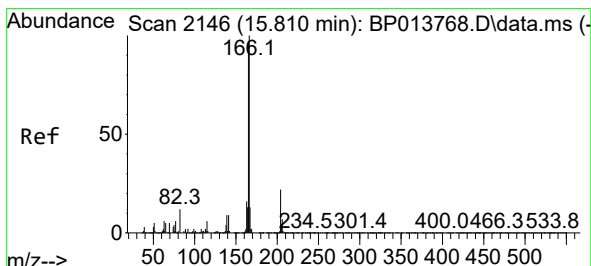
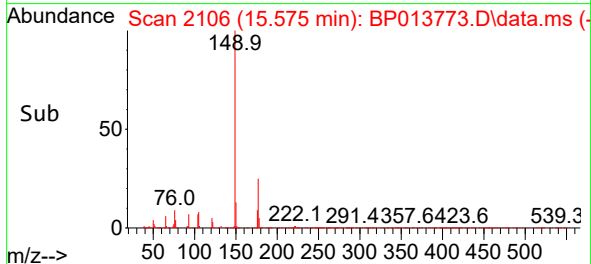
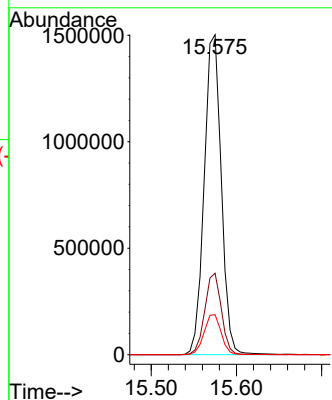
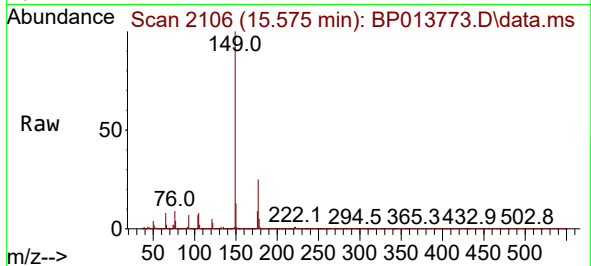




#59
Diethylphthalate
Concen: 40.032 ng/ul
RT: 15.575 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

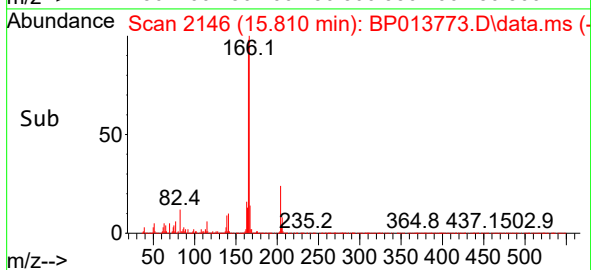
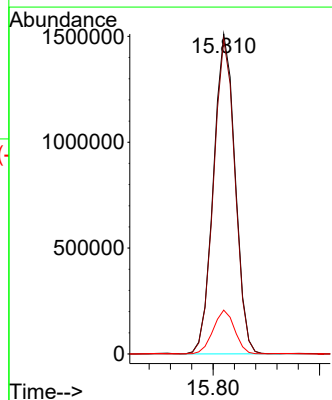
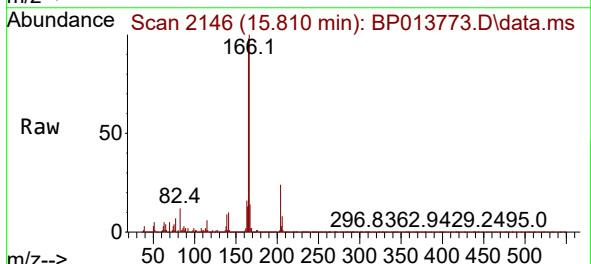
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

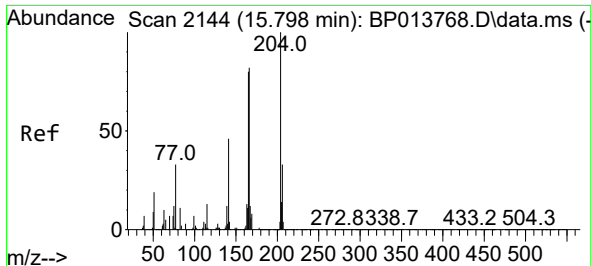
Tgt Ion:149 Resp: 2092096
Ion Ratio Lower Upper
149 100
177 25.4 19.2 28.8
150 12.5 10.0 15.0



#61
Fluorene
Concen: 40.708 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:166 Resp: 2128809
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 13.7 10.9 16.3

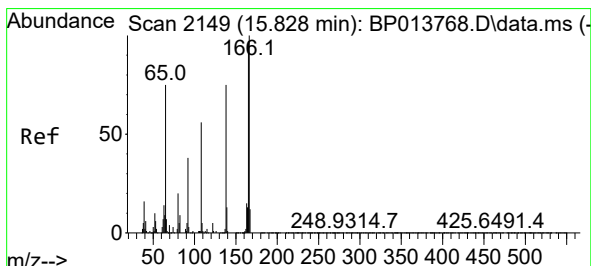
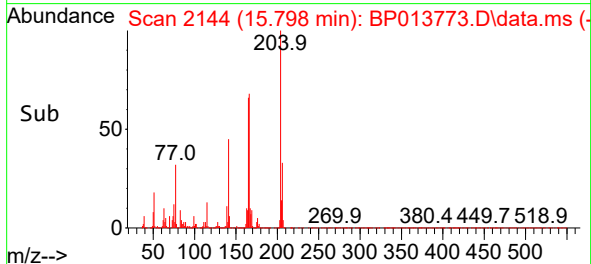
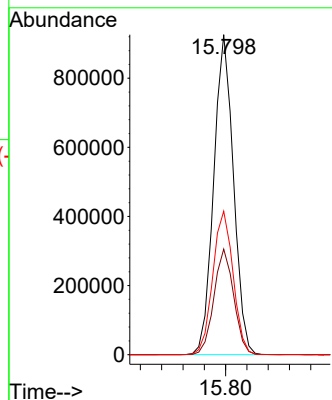
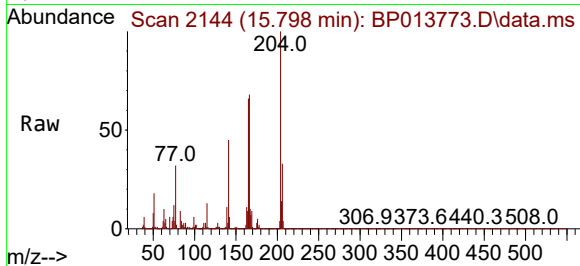




#62
4-Chlorophenyl-phenylether
Concen: 41.725 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

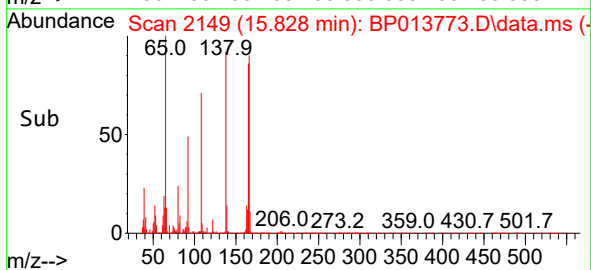
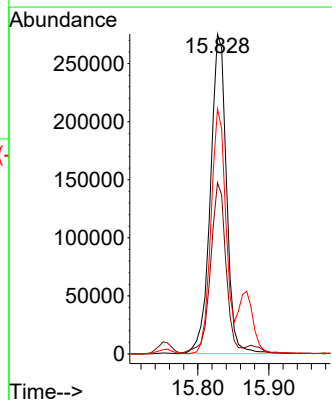
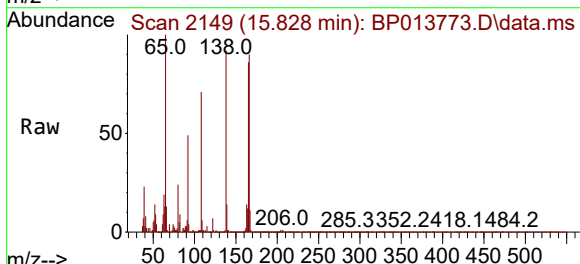
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

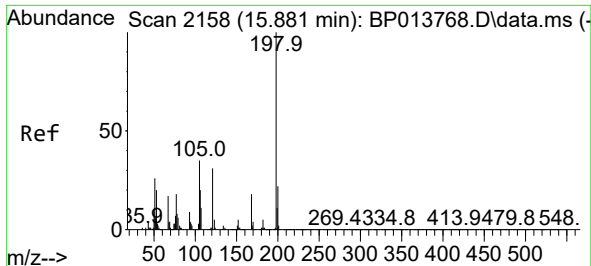
Tgt Ion:204 Resp: 1188767
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 44.9 39.7 59.5



#63
4-Nitroaniline
Concen: 56.347 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:138 Resp: 432632
Ion Ratio Lower Upper
138 100
92 53.5 41.7 62.5
108 76.6 62.0 93.0

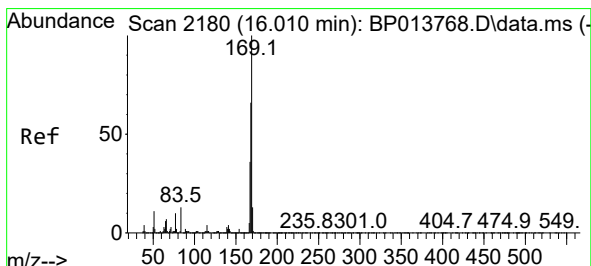
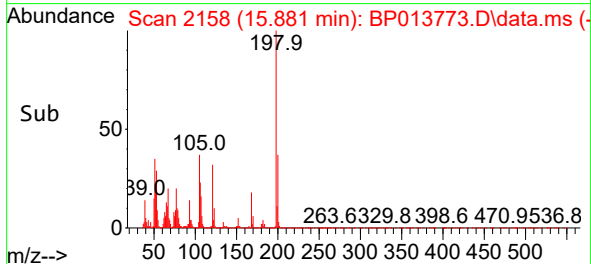
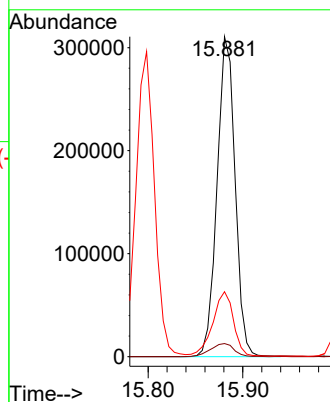
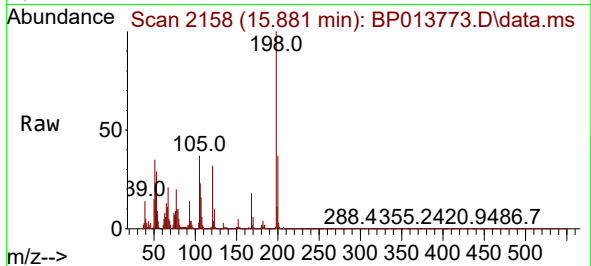




#66
4,6-Dinitro-2-methylphenol
Concen: 42.495 ng/ul
RT: 15.881 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

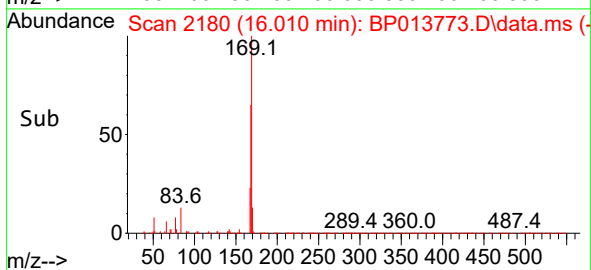
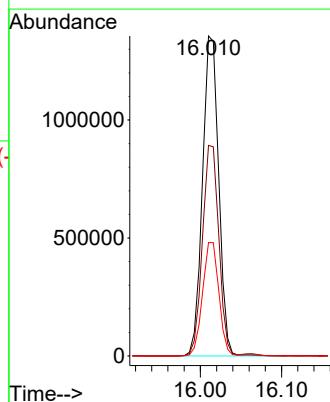
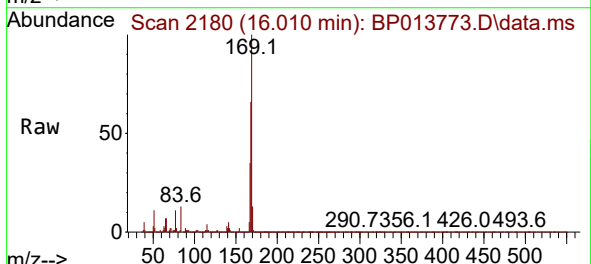
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

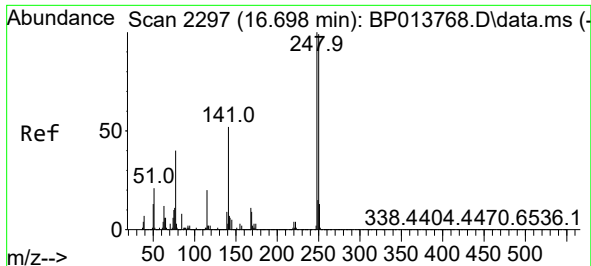
Tgt Ion:198 Resp: 411468
Ion Ratio Lower Upper
198 100
182 4.1 3.5 5.3
77 20.3 16.7 25.1



#67
N-Nitrosodiphenylamine
Concen: 40.041 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:169 Resp: 1876387
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.4
167 35.4 28.9 43.3

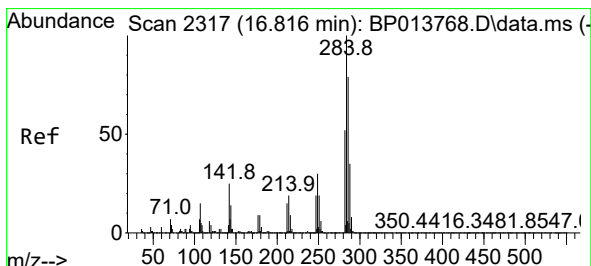
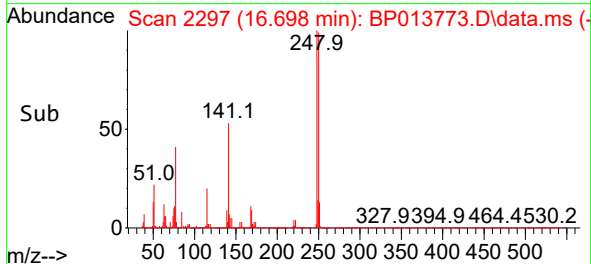
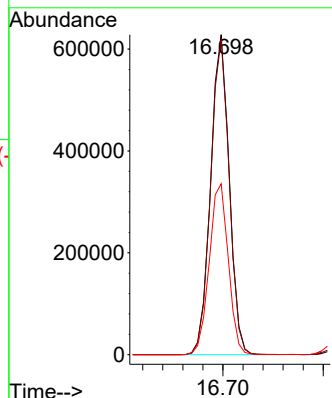
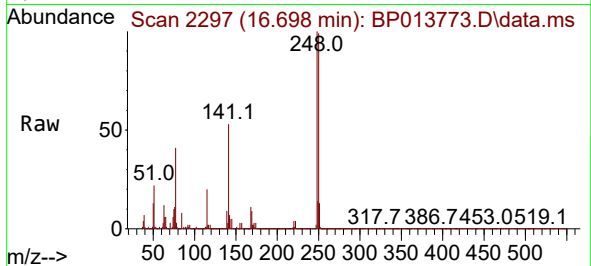




#68
4-Bromophenyl-phenylether
Concen: 41.021 ng/ul
RT: 16.698 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

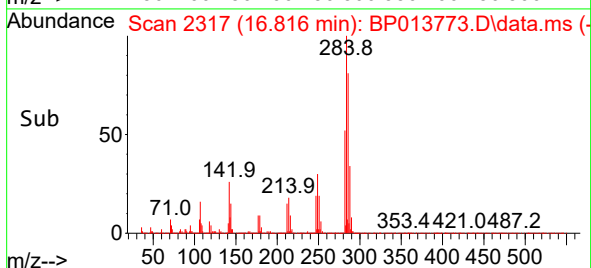
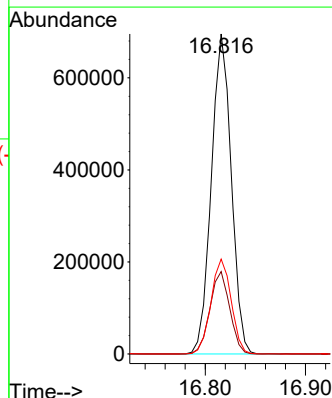
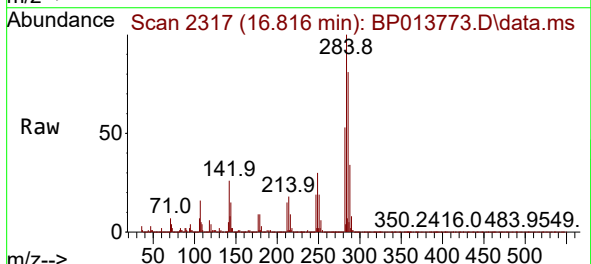
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

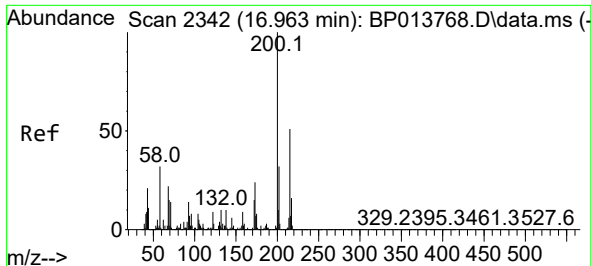
Tgt Ion:248 Resp: 810269
Ion Ratio Lower Upper
248 100
250 98.8 78.4 117.6
141 53.4 44.2 66.2



#69
Hexachlorobenzene
Concen: 41.459 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:284 Resp: 960756
Ion Ratio Lower Upper
284 100
142 25.7 21.4 32.2
249 29.7 24.5 36.7

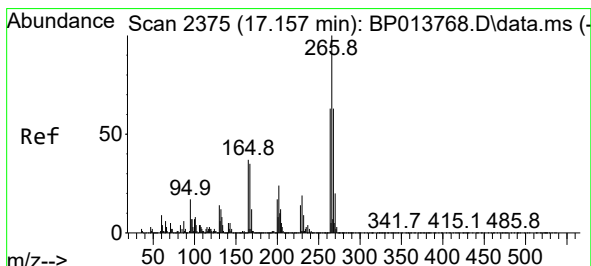
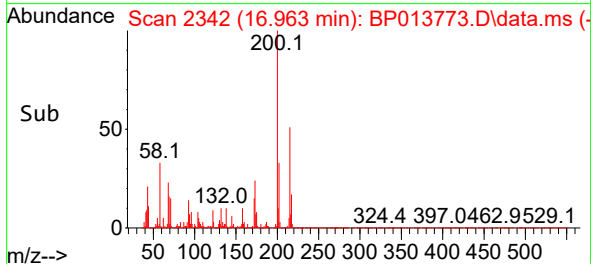
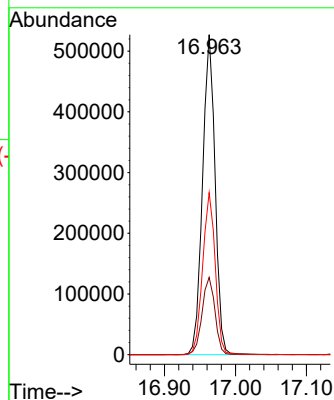
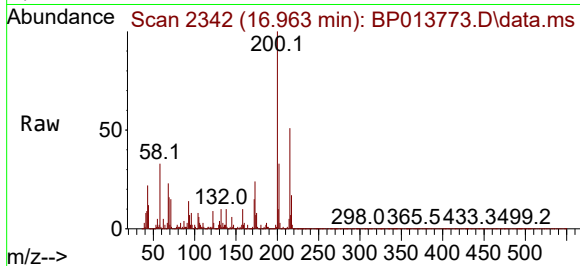




#70
Atrazine
Concen: 34.427 ng/ul
RT: 16.963 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

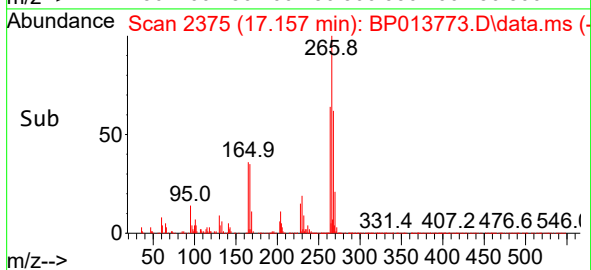
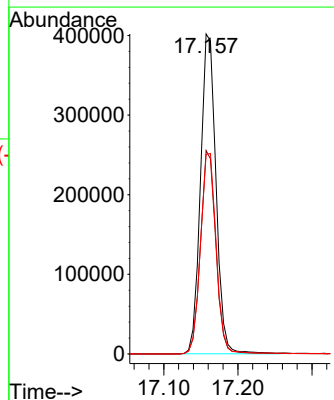
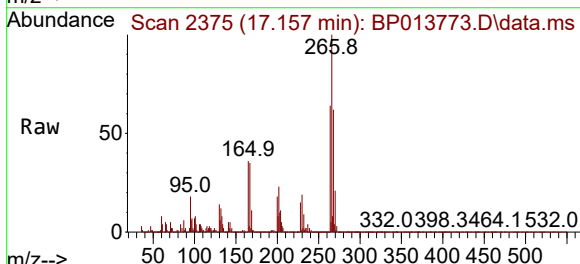
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

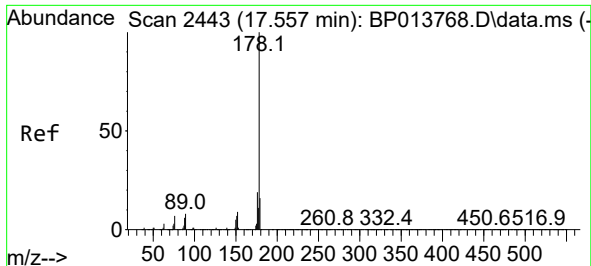
Tgt Ion:200 Resp: 649299
Ion Ratio Lower Upper
200 100
173 24.2 19.4 29.2
215 50.7 40.2 60.4



#71
Pentachlorophenol
Concen: 39.416 ng/ul
RT: 17.157 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:266 Resp: 583017
Ion Ratio Lower Upper
266 100
264 63.5 51.2 76.8
268 62.3 51.8 77.8

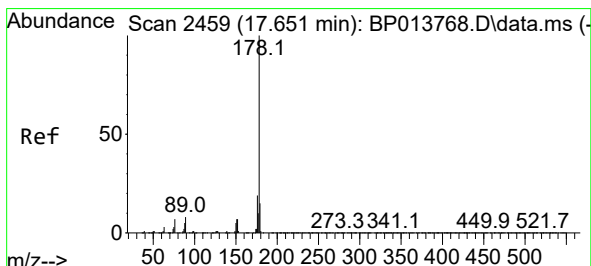
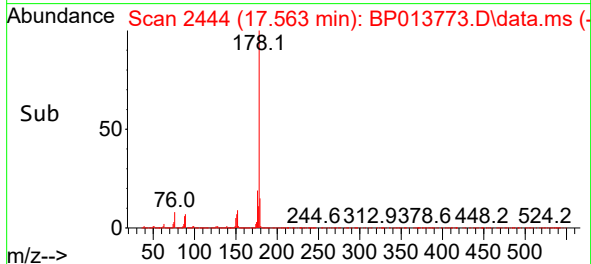
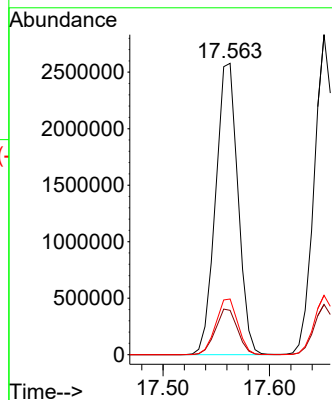
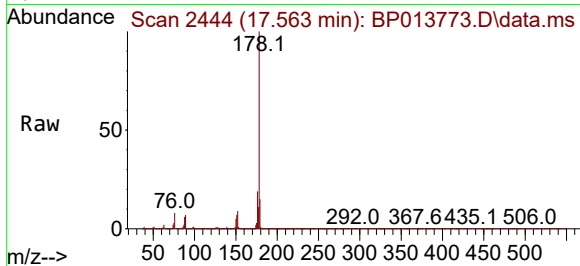




#72
Phenanthrene
Concen: 40.932 ng/ul
RT: 17.563 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

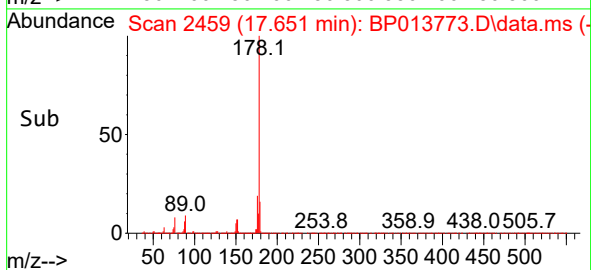
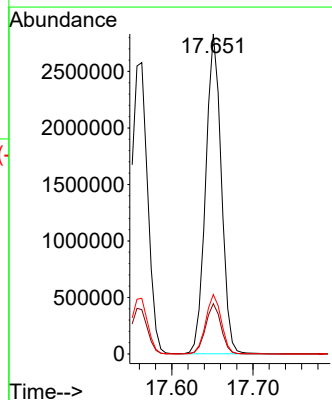
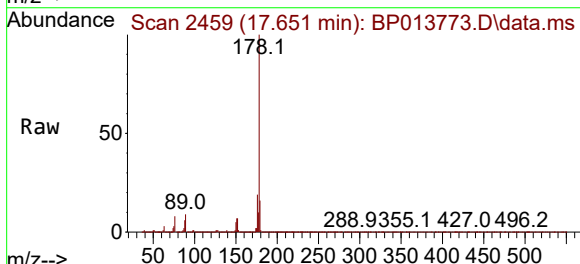
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

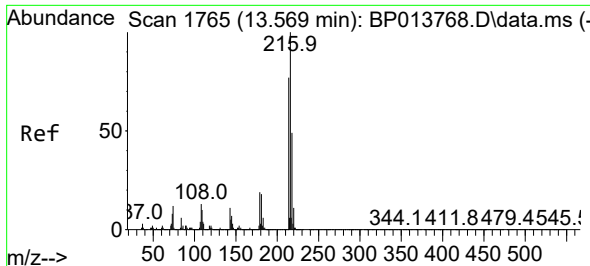
Tgt Ion:178 Resp: 3753848
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.1 15.4 23.2



#74
Anthracene
Concen: 40.667 ng/ul
RT: 17.651 min Scan# 2459
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:178 Resp: 3777413
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 18.5 15.0 22.4

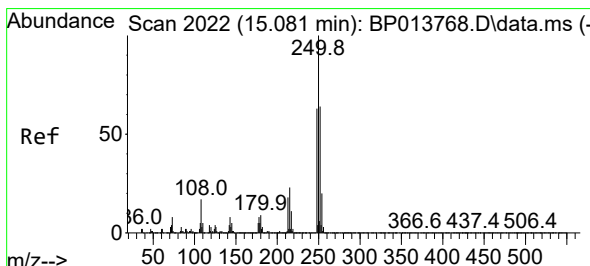
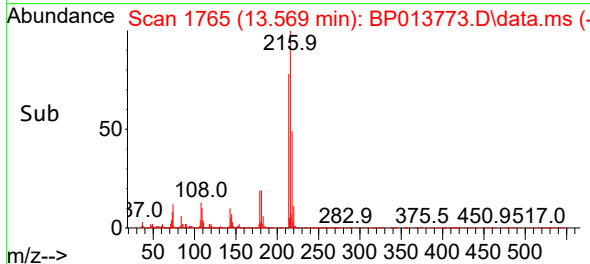
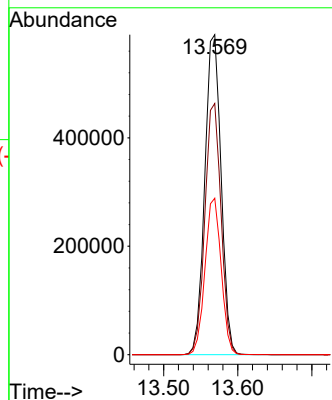
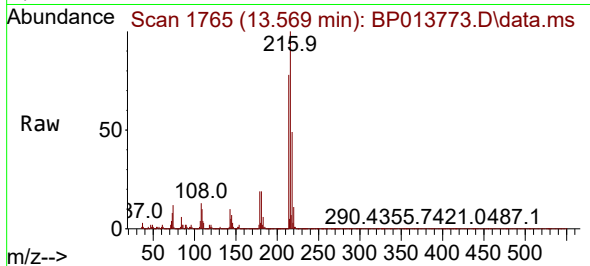




#75
1,2,3,4-Tetrachlorobenzene
Concen: 36.570 ng/uL
RT: 13.569 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

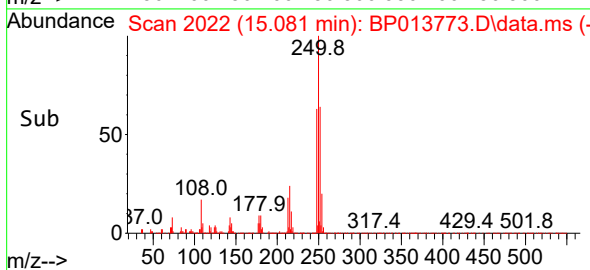
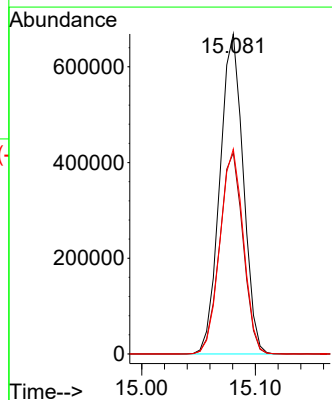
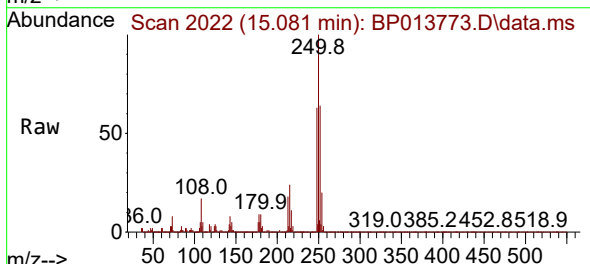
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

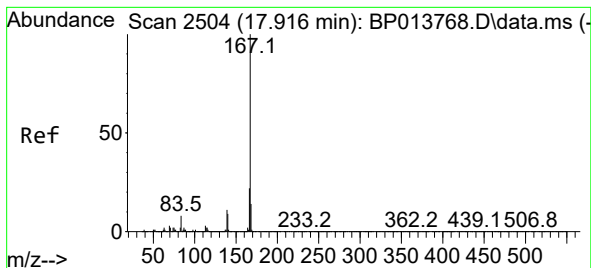
Tgt Ion:216 Resp: 904526
Ion Ratio Lower Upper
216 100
214 78.5 61.4 92.0
218 48.9 38.4 57.6



#76
Pentachlorobenzene
Concen: 37.731 ng/uL
RT: 15.081 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:250 Resp: 956762
Ion Ratio Lower Upper
250 100
248 62.9 50.3 75.5
252 64.1 51.8 77.8





#77

Carbazole

Concen: 42.280 ng/ul

RT: 17.916 min Scan# 2504

Delta R.T. -0.000 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

Instrument :

BNA_P

ClientSampleId :

A44M5MSD

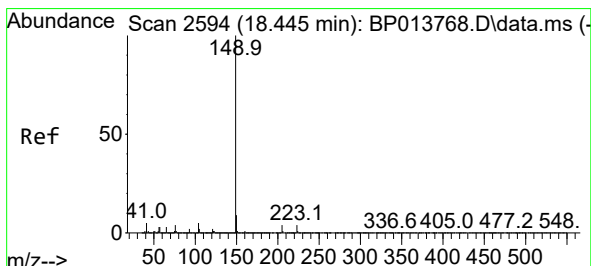
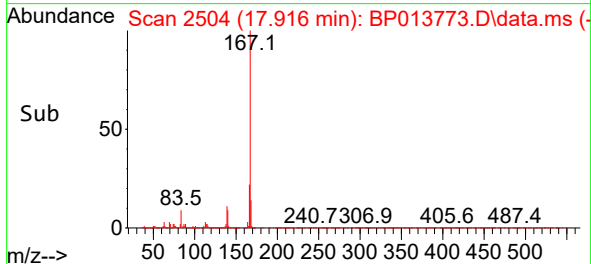
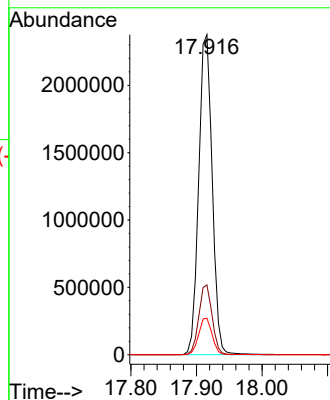
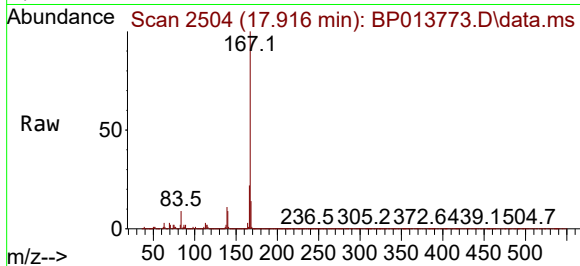
Tgt Ion:167 Resp: 3406991

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 11.4 9.4 14.2



#78

Di-n-butylphthalate

Concen: 39.791 ng/ul

RT: 18.445 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

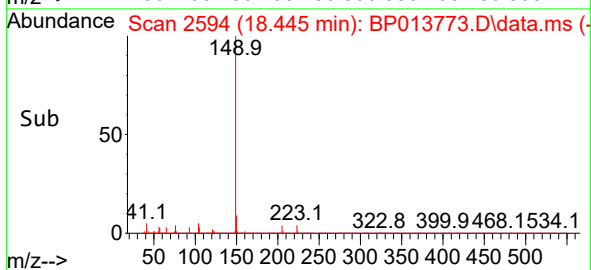
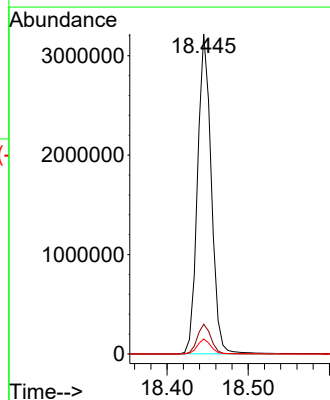
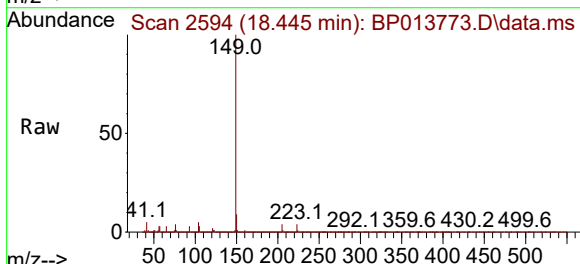
Tgt Ion:149 Resp: 3788620

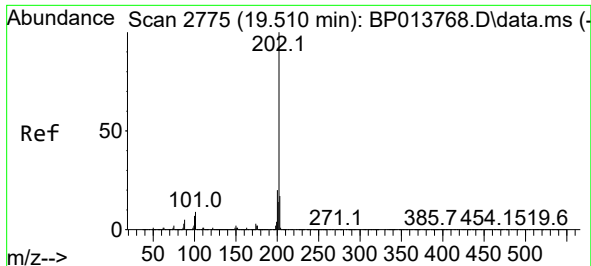
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.7 3.8 5.8

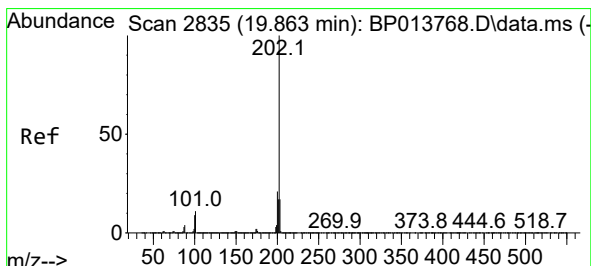
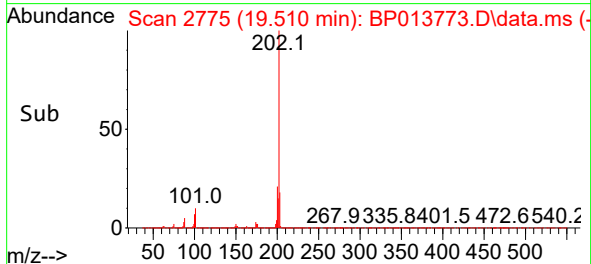
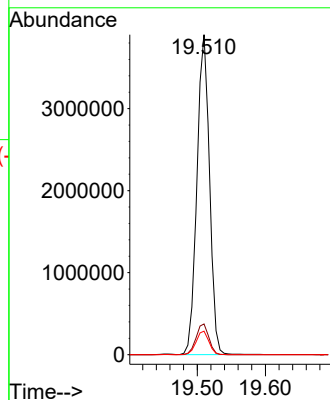
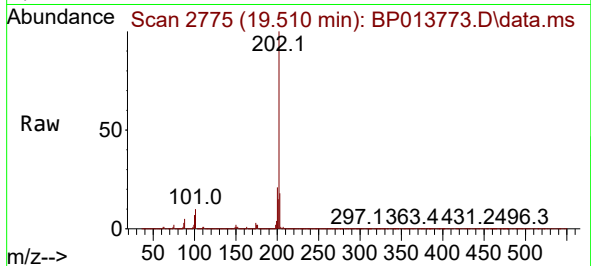




#80
Fluoranthene
Concen: 39.072 ng/ul
RT: 19.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

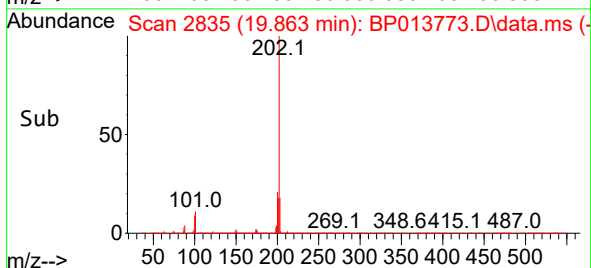
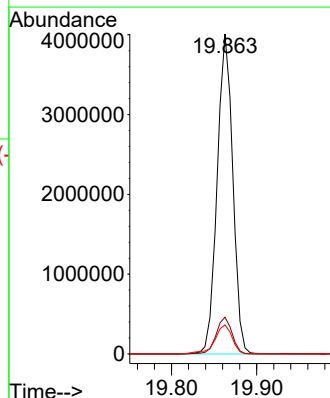
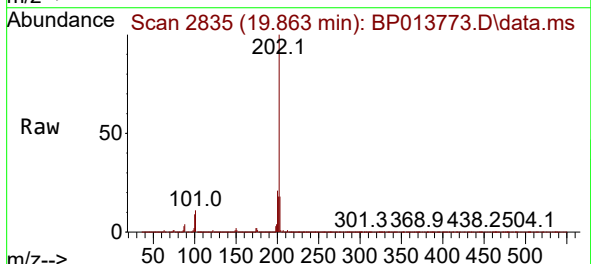
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

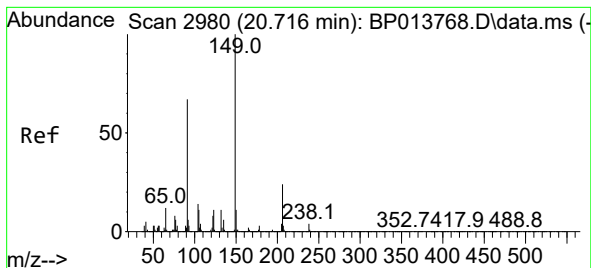
Tgt Ion:202 Resp: 4972205
Ion Ratio Lower Upper
202 100
101 9.6 7.6 11.4
100 7.4 5.7 8.5



#82
Pyrene
Concen: 39.382 ng/ul
RT: 19.863 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:202 Resp: 5123873
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 9.1 7.3 10.9





#83

Butylbenzylphthalate

Concen: 43.081 ng/ul

RT: 20.716 min Scan# 2980

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

Instrument :

BNA_P

ClientSampleId :

A44M5MSD

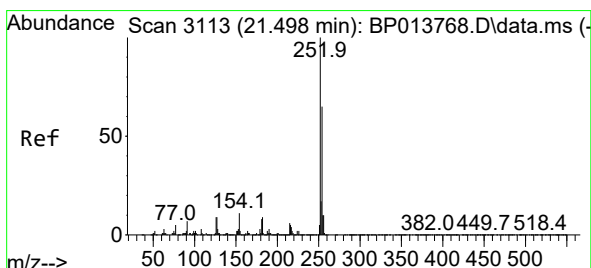
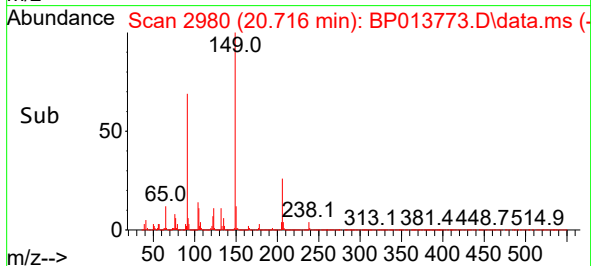
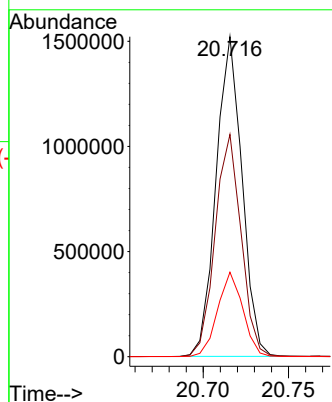
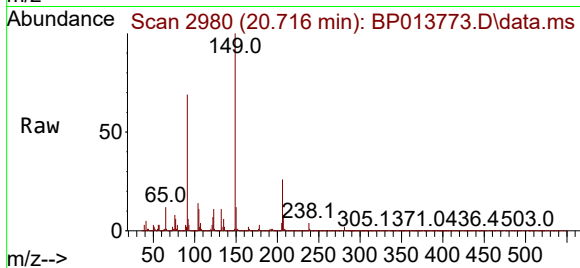
Tgt Ion:149 Resp: 1610363

Ion Ratio Lower Upper

149 100

91 69.5 53.9 80.9

206 26.4 19.4 29.2



#84

3,3'-Dichlorobenzidine

Concen: 36.800 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

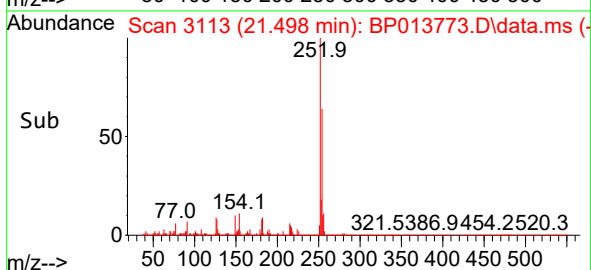
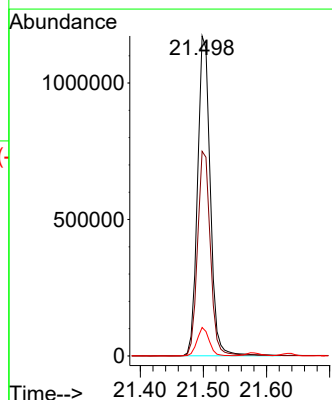
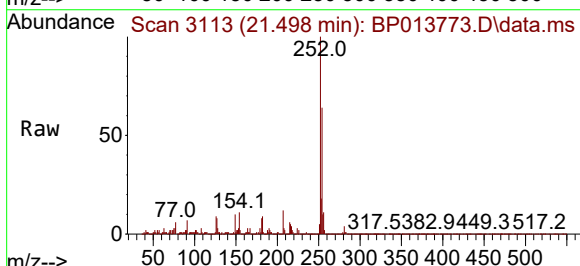
Tgt Ion:252 Resp: 1636155

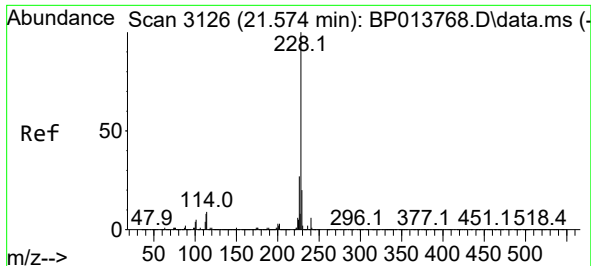
Ion Ratio Lower Upper

252 100

254 63.9 52.6 79.0

126 8.9 7.0 10.6

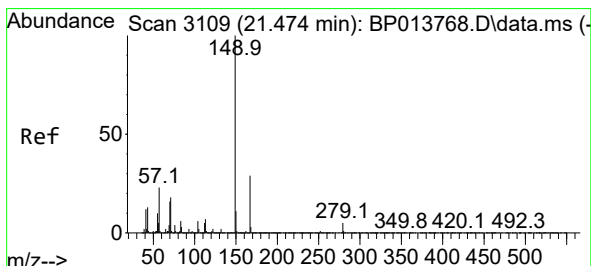
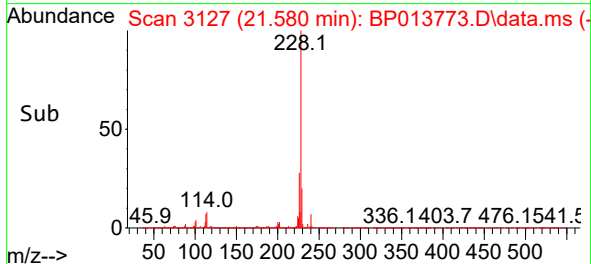
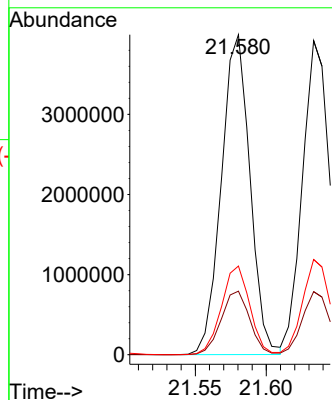
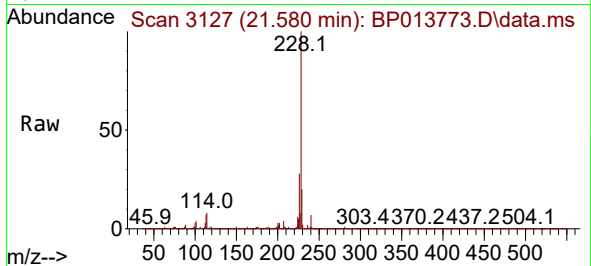




#85
Benzo(a)anthracene
Concen: 41.659 ng/ul
RT: 21.580 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

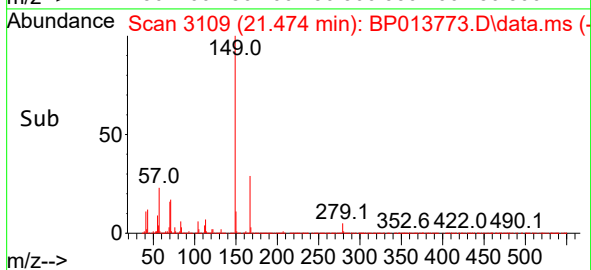
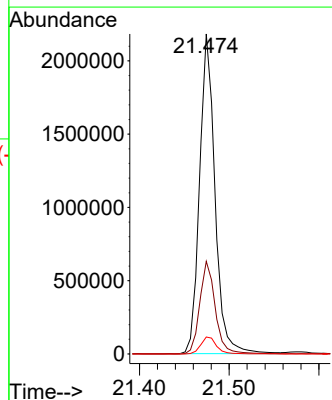
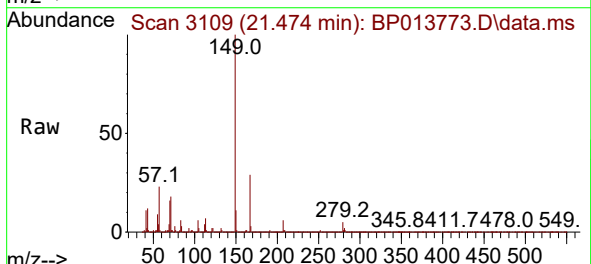
Instrument :
BNA_P
ClientSampleId :
A44M5MSD

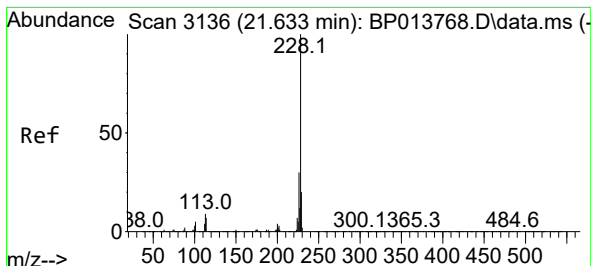
Tgt Ion:228 Resp: 5606343
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 27.7 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 40.570 ng/ul
RT: 21.474 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP013773.D
Acq: 06 Feb 2023 15:06

Tgt Ion:149 Resp: 2600068
Ion Ratio Lower Upper
149 100
167 29.0 22.7 34.1
279 5.3 3.9 5.9





#87

Chrysene

Concen: 41.583 ng/ul

RT: 21.633 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

Instrument :

BNA_P

ClientSampleId :

A44M5MSD

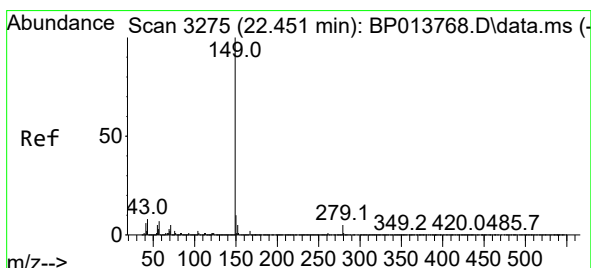
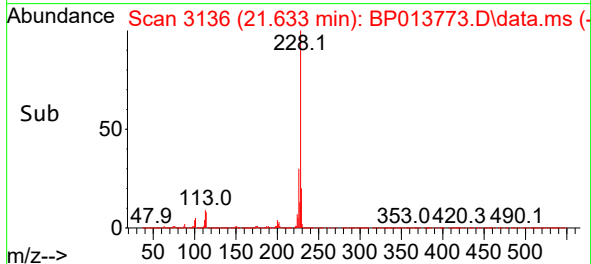
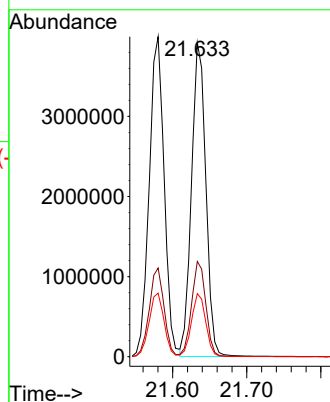
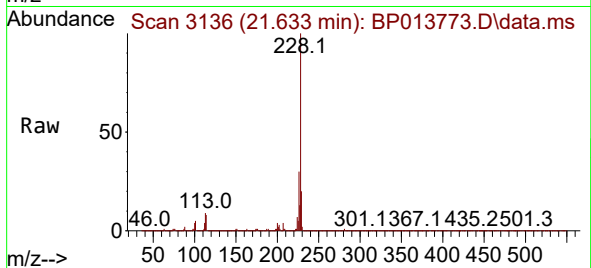
Tgt Ion:228 Resp: 5268597

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 20.1 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 39.458 ng/ul

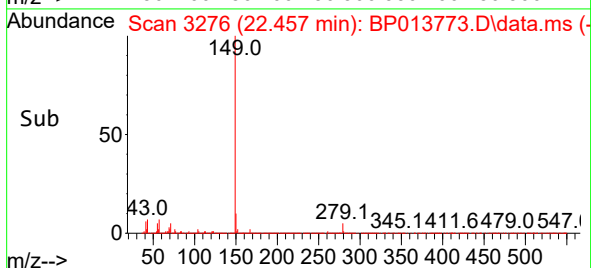
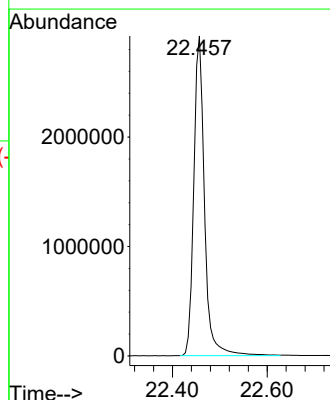
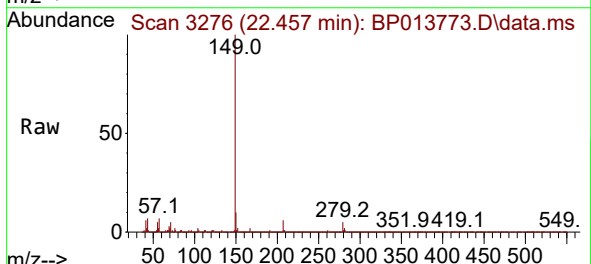
RT: 22.457 min Scan# 3276

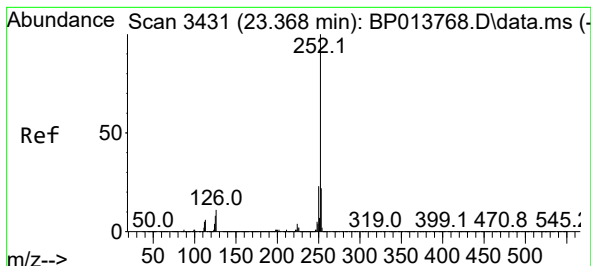
Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

Tgt Ion:149 Resp: 4599004





#90

Benzo(b)fluoranthene

Concen: 41.323 ng/ul

RT: 23.374 min Scan# 3431

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

Instrument :

BNA_P

ClientSampleId :

A44M5MSD

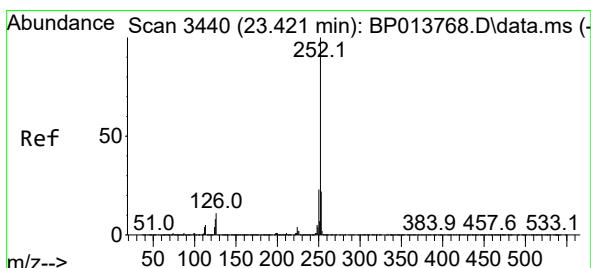
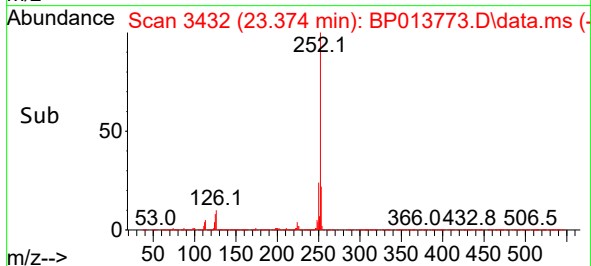
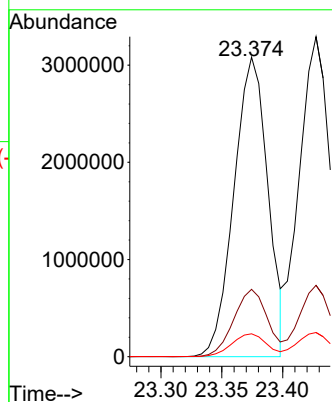
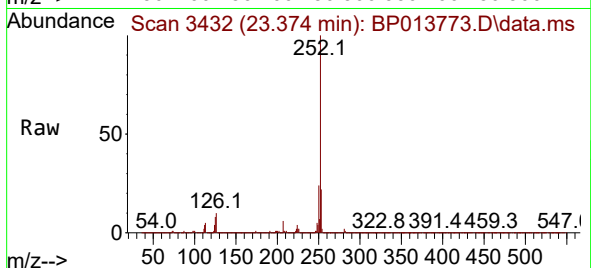
Tgt Ion:252 Resp: 5968641

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 7.6 6.5 9.7



#91

Benzo(k)fluoranthene

Concen: 43.463 ng/ul

RT: 23.427 min Scan# 3441

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

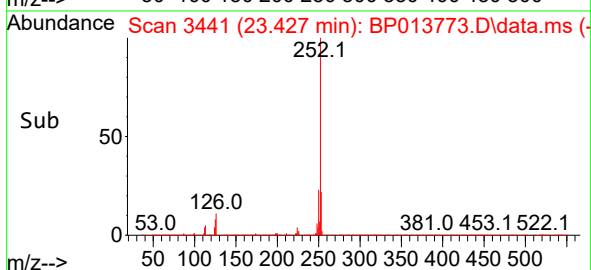
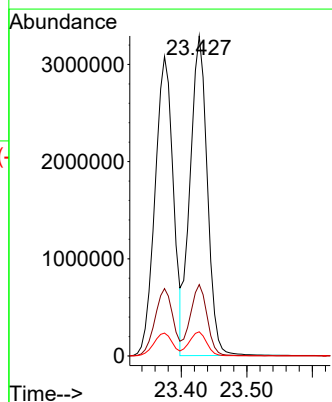
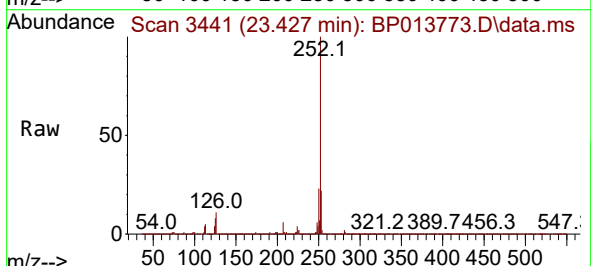
Tgt Ion:252 Resp: 5999924

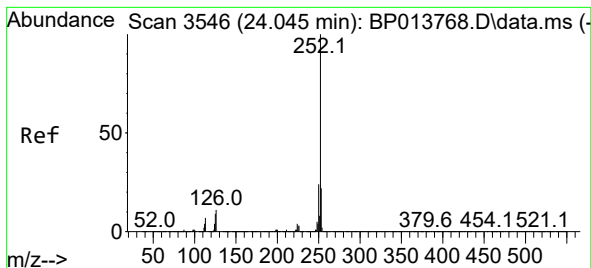
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 7.6 6.7 10.1





#93

Benzo(a)pyrene

Concen: 42.002 ng/ul

RT: 24.051 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

Instrument :

BNA_P

ClientSampleId :

A44M5MSD

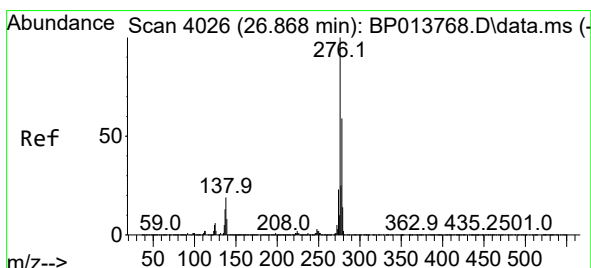
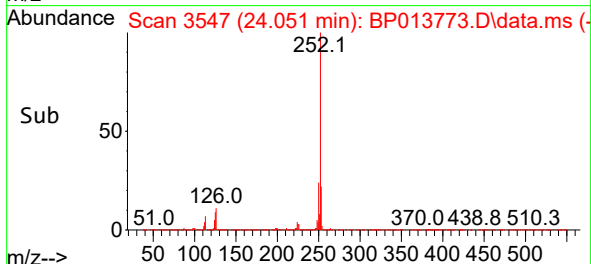
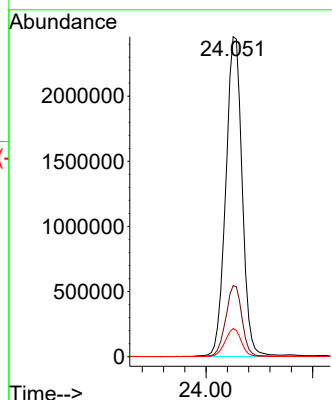
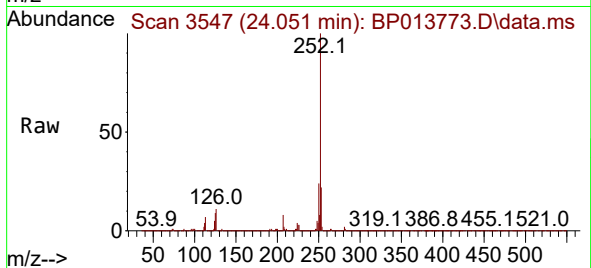
Tgt Ion:252 Resp: 5237605

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.8 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 40.920 ng/ul

RT: 26.880 min Scan# 4028

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

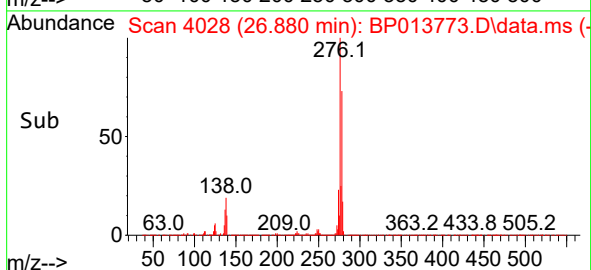
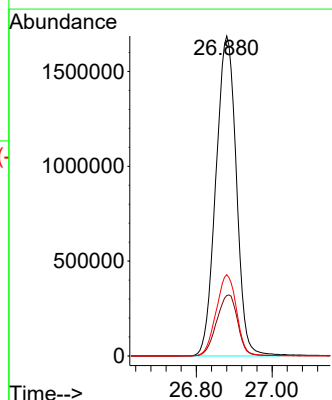
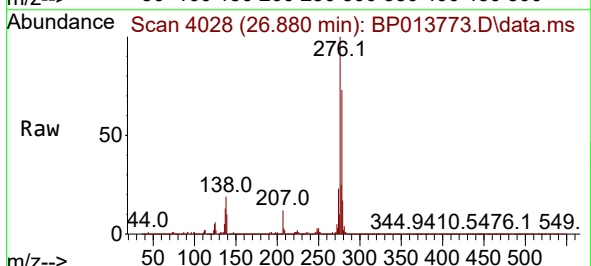
Tgt Ion:276 Resp: 6321942

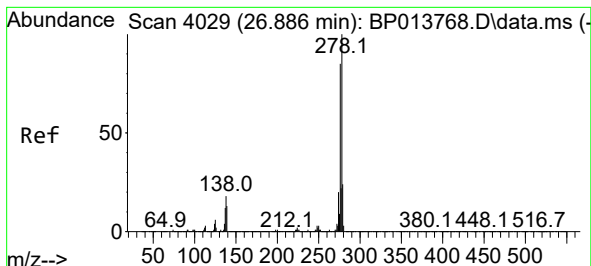
Ion Ratio Lower Upper

276 100

138 18.9 15.0 22.6

277 25.4 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 41.146 ng/ul

RT: 26.898 min Scan# 4170

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

Instrument :

BNA_P

ClientSampleId :

A44M5MSD

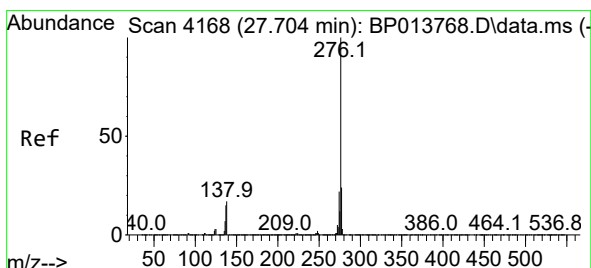
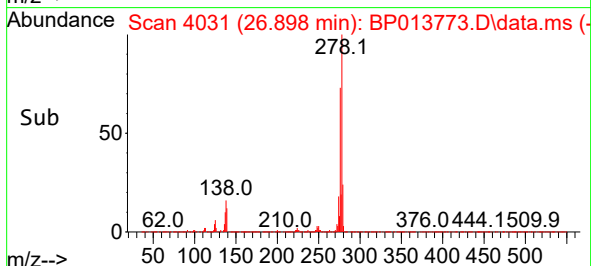
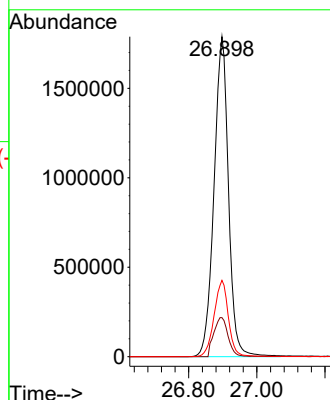
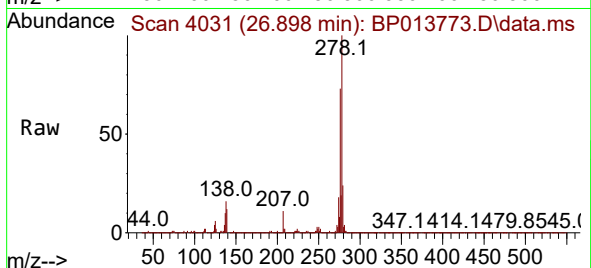
Tgt Ion:278 Resp: 5270004

Ion Ratio Lower Upper

278 100

139 12.2 10.2 15.4

279 23.8 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 40.391 ng/ul

RT: 27.715 min Scan# 4170

Delta R.T. -0.006 min

Lab File: BP013773.D

Acq: 06 Feb 2023 15:06

Tgt Ion:276 Resp: 4936803

Ion Ratio Lower Upper

276 100

138 17.2 14.3 21.5

277 23.6 19.2 28.8

