

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020104.D
 Acq On : 23 Apr 2024 15:53
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV622

Quant Time: Apr 24 01:07:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	98675	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	369933	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	256735	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	570790	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	578147	20.000	ng/u1	0.00
88) Perylene-d12	25.039	264	378950	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	19514	8.985	ng/uL	0.00
4) Pyridine-d5	3.628	84	133649	20.520	ng/u1	0.00
7) Phenol-d5	6.822	99	161521	19.518	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	108424	20.155	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	119076	19.901	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	121292	19.082	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	58003	21.061	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	66764	20.984	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	124075	21.124	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	158299	21.652	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	367104	20.463	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	429189	20.384	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	55503	20.676	ng/u1	0.00
60) Fluorene-d10	15.334	176	329583	21.287	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	56955	20.799	ng/u1	0.00
73) Anthracene-d10	17.257	188	527896	20.883	ng/u1	0.00
81) Pyrene-d10	19.657	212	661617	20.110	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.810	264	624913	33.921	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	21631	8.630	ng/uL	93
5) Pyridine	3.652	79	139129	20.869	ng/u1	98
6) Benzaldehyde	6.805	77	112523	23.913	ng/u1	98
8) Phenol	6.846	94	168807	19.531	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.081	93	137504	19.930	ng/u1	96
12) 2-Chlorophenol	7.205	128	125856	20.297	ng/u1	98
13) 2-Methylphenol	8.075	108	122134	19.466	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.158	45	192894	20.104	ng/u1	98
16) Acetophenone	8.458	105	206062	19.741	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	117384	19.820	ng/u1	97
18) 4-Methylphenol	8.405	108	131206	19.669	ng/u1	99
19) Hexachloroethane	8.687	117	61595	20.287	ng/u1	92
22) Nitrobenzene	8.834	77	174699	20.827	ng/u1	95
23) Isophorone	9.352	82	311989	20.597	ng/u1	99
25) 2-Nitrophenol	9.534	139	69716	21.153	ng/u1	96
26) 2,4-Dimethylphenol	9.593	107	147340	20.512	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.840	93	178793	20.645	ng/u1	100
29) 2,4-Dichlorophenol	10.069	162	121693	21.145	ng/u1	95
30) Naphthalene	10.457	128	398228	20.735	ng/u1	99
32) 4-Chloroaniline	10.587	127	157543	21.976	ng/u1	99
33) Hexachlorobutadiene	10.722	225	105423	21.615	ng/u1	98
34) Caprolactam	11.393	113	36444	22.105	ng/u1	93
35) 4-Chloro-3-methylphenol	11.722	107	136645	20.934	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	269511	21.212	ng/u1	99

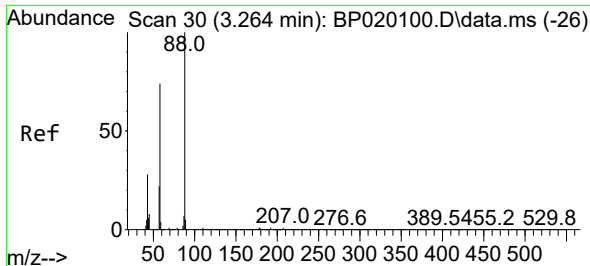
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	268922	21.264	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	175293	19.516	ng/ul	95
40) Hexachlorocyclopentadiene	12.416	237	61104	18.839	ng/ul	97
41) 2,4,6-Trichlorophenol	12.716	196	106611	19.796	ng/ul	98
42) 2,4,5-Trichlorophenol	12.793	196	114369	20.475	ng/ul	96
43) 1,1'-Biphenyl	13.122	154	363222	19.554	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	303278	20.157	ng/ul	99
45) 2-Nitroaniline	13.393	65	99346	20.173	ng/ul	97
47) Dimethylphthalate	13.775	163	363555	19.918	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	75074	20.575	ng/ul	98
50) Acenaphthylene	14.028	152	484851	20.589	ng/ul	99
51) 3-Nitroaniline	14.251	138	76520	21.254	ng/ul	96
52) Acenaphthene	14.381	153	317253	20.464	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	32093	20.696	ng/ul	88
55) 4-Nitrophenol	14.581	109	59289	21.197	ng/ul	99
56) Dibenzofuran	14.728	168	447834	20.872	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	112356	21.712	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.963	232	106724	21.414	ng/ul	98
59) Diethylphthalate	15.181	149	373144	20.784	ng/ul	100
61) Fluorene	15.398	166	372727	21.133	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	200102	20.878	ng/ul	98
63) 4-Nitroaniline	15.451	138	76258	22.223	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.504	198	59637	20.802	ng/ul#	98
67) N-Nitrosodiphenylamine	15.622	169	309776	20.592	ng/ul	98
68) 4-Bromophenyl-phenylether	16.322	248	130986	21.054	ng/ul	98
69) Hexachlorobenzene	16.428	284	146894	20.852	ng/ul	96
70) Atrazine	16.622	200	128813	22.092	ng/ul	99
71) Pentachlorophenol	16.798	266	88152	20.034	ng/ul	99
72) Phenanthrene	17.204	178	613085	20.948	ng/ul	99
74) Anthracene	17.292	178	636193	21.399	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	174713	18.928	ng/ul	96
76) Pentachlorobenzene	14.640	250	171748	20.097	ng/ul	98
77) Carbazole	17.592	167	550517	21.030	ng/ul	98
78) Di-n-butylphthalate	18.186	149	688352	21.745	ng/ul	100
80) Fluoranthene	19.310	202	765235	19.979	ng/ul	99
82) Pyrene	19.692	202	802686	20.112	ng/ul	97
83) Butylbenzylphthalate	20.663	149	317005	19.746	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.575	252	246452	22.690	ng/ul	98
85) Benzo(a)anthracene	21.639	228	832986	20.779	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	470984	19.954	ng/ul	99
87) Chrysene	21.704	228	752062	20.280	ng/ul	100
89) Di-n-octyl phthalate	22.898	149	790025	33.259	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	770284	33.587	ng/ul	99
91) Benzo(k)fluoranthene	24.045	252	772142	34.375	ng/ul	99
93) Benzo(a)pyrene	24.892	252	723350	33.741	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.904	276	770552	30.077	ng/ul	98
95) Dibenzo(a,h)anthracene	28.986	278	417277	19.801	ng/ul	98
96) Benzo(g,h,i)perylene	30.098	276	443503	21.842	ng/ul	96

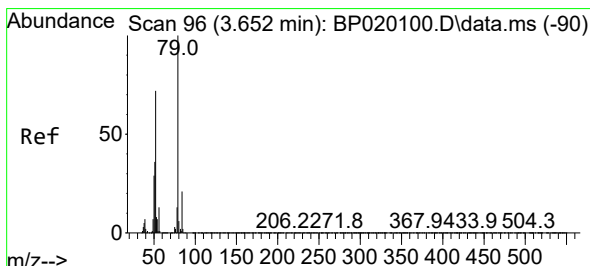
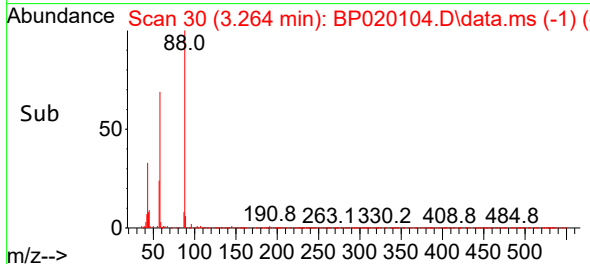
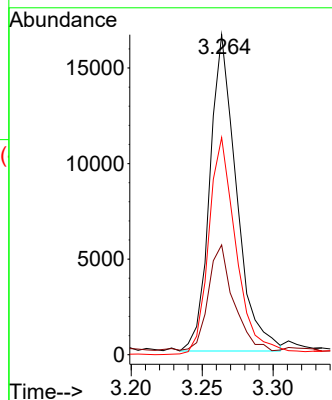
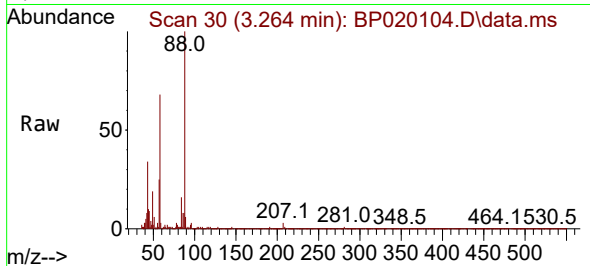
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#2
 1,4-Dioxane
 Concen: 8.630 ng/uL
 RT: 3.264 min Scan# 30
 Delta R.T. -0.000 min
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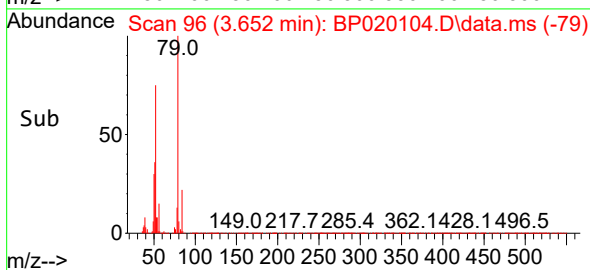
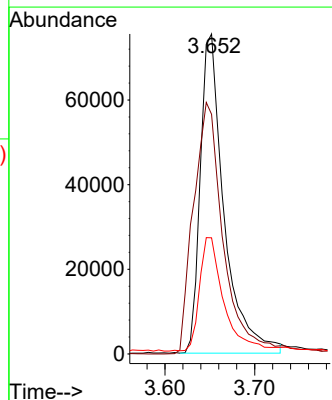
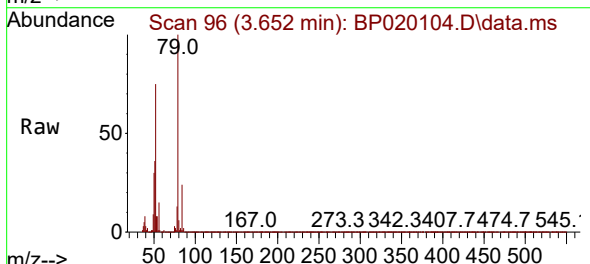
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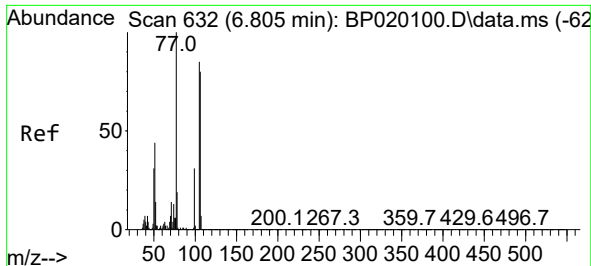
Tgt Ion: 88	Resp: 21631
Ion Ratio	Lower Upper
88	100
43	34.3 24.0 36.0
58	67.9 59.1 88.7



#5
 Pyridine
 Concen: 20.869 ng/uL
 RT: 3.652 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: BP020104.D
 Acq: 23 Apr 2024 15:53

Tgt Ion: 79	Resp: 139129
Ion Ratio	Lower Upper
79	100
52	74.9 57.9 86.9
51	36.3 29.6 44.4

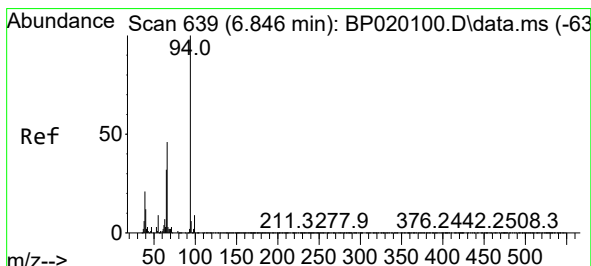
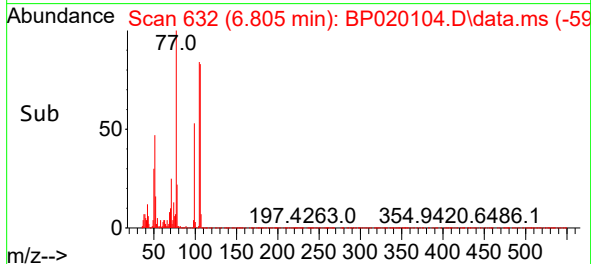
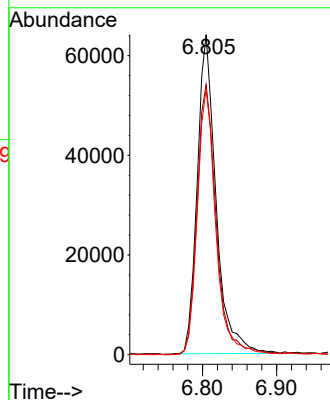
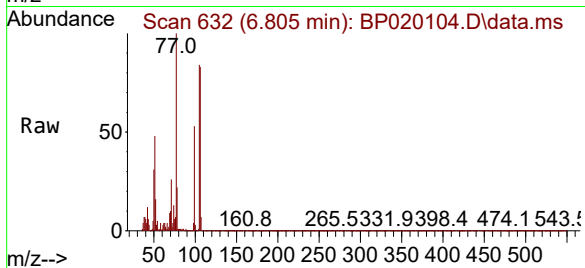




#6
Benzaldehyde
Concen: 23.913 ng/ul
RT: 6.805 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

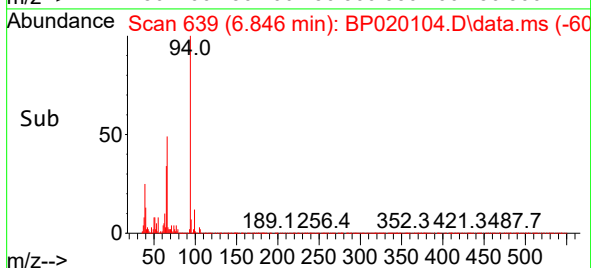
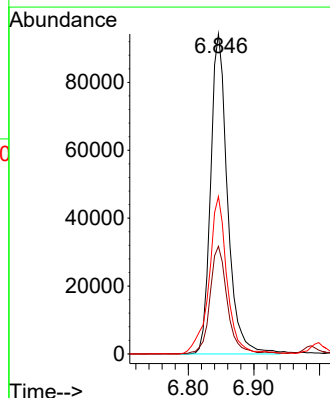
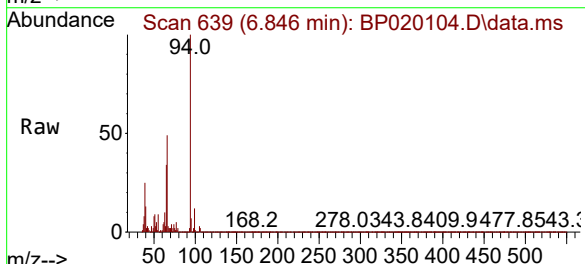
Instrument :
BNA_P
ClientSampleId :
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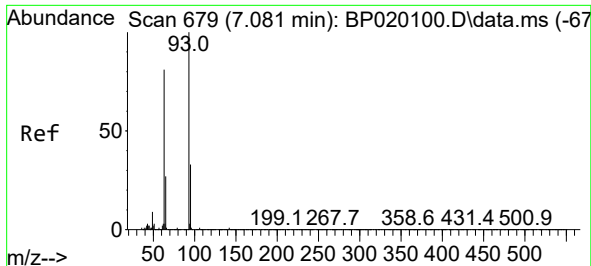
Tgt Ion: 77 Resp: 112523
Ion Ratio Lower Upper
77 100
105 84.4 67.9 101.9
106 83.0 63.9 95.9



#8
Phenol
Concen: 19.531 ng/ul
RT: 6.846 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion: 94 Resp: 168807
Ion Ratio Lower Upper
94 100
65 33.7 25.5 38.3
66 49.2 36.9 55.3



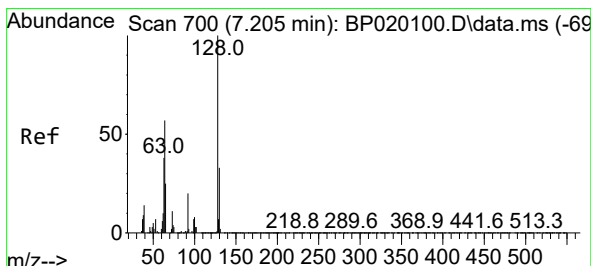
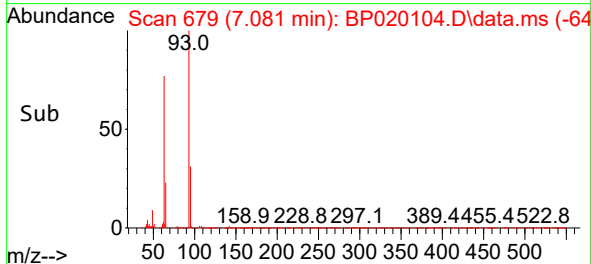
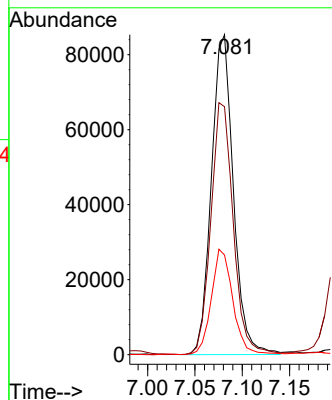
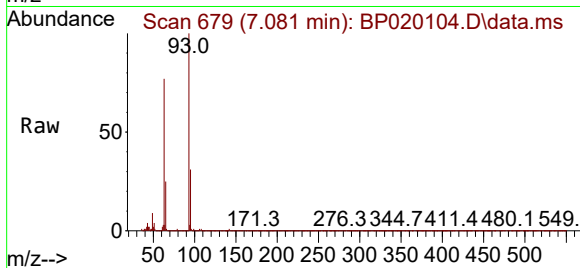


#10
 Bis(2-Chloroethyl)ether
 Concen: 19.930 ng/ul
 RT: 7.081 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BP020104.D
 Acq: 23 Apr 2024 15:53

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 93 Resp: 137504

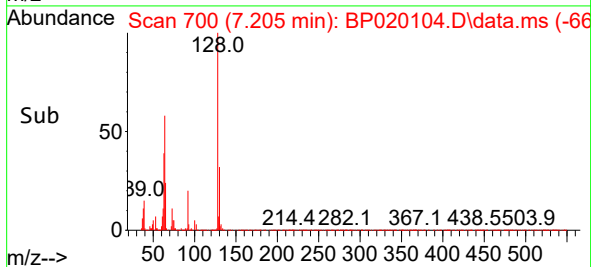
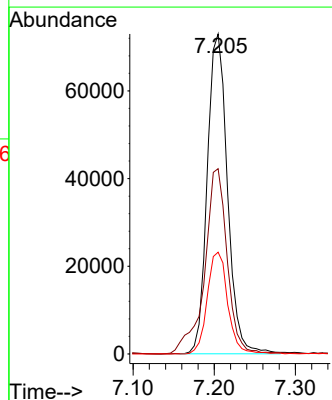
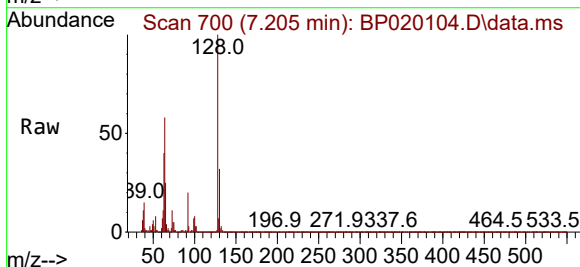
Ion	Ratio	Lower	Upper
93	100		
63	77.5	64.7	97.1
95	31.2	26.2	39.4

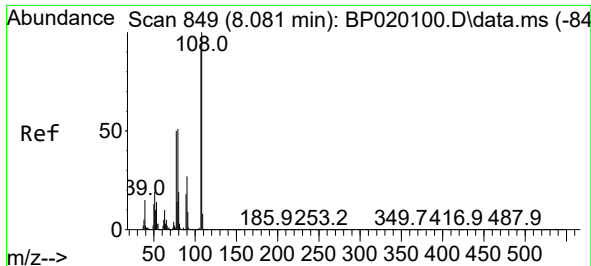


#12
 2-Chlorophenol
 Concen: 20.297 ng/ul
 RT: 7.205 min Scan# 700
 Delta R.T. 0.000 min
 Lab File: BP020104.D
 Acq: 23 Apr 2024 15:53

Tgt Ion: 128 Resp: 125856

Ion	Ratio	Lower	Upper
128	100		
64	57.9	47.3	70.9
130	31.8	26.1	39.1

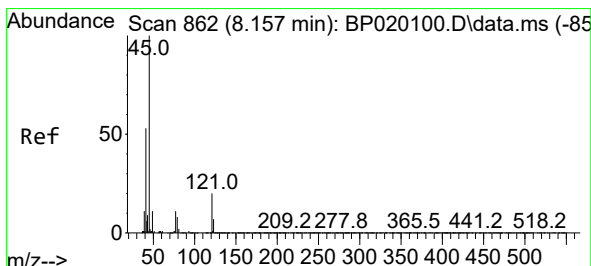
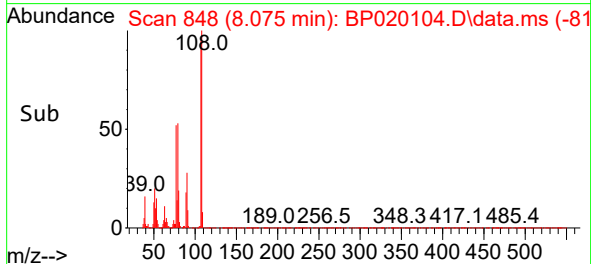
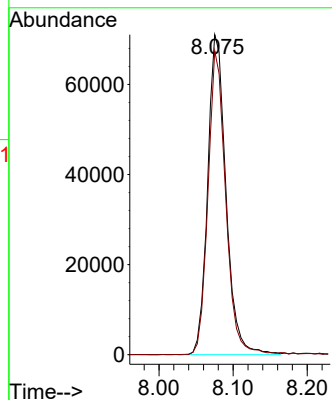
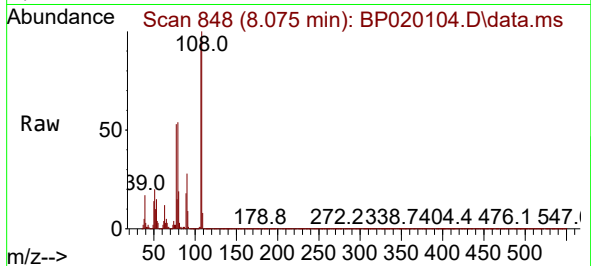




#13
2-Methylphenol
Concen: 19.466 ng/ul
RT: 8.075 min Scan# 849
Delta R.T. -0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

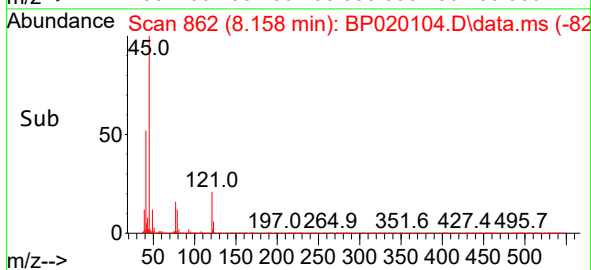
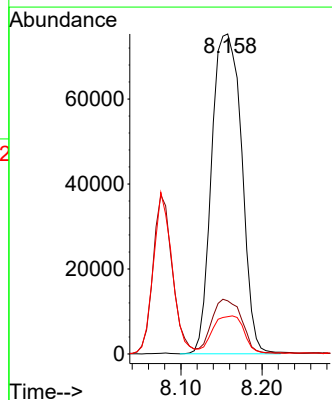
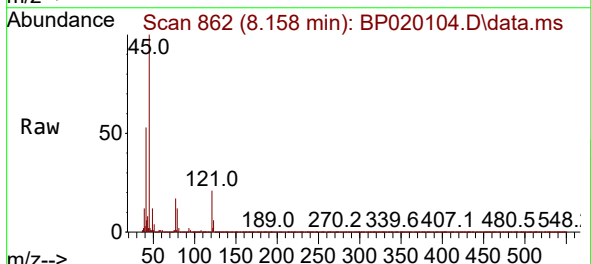
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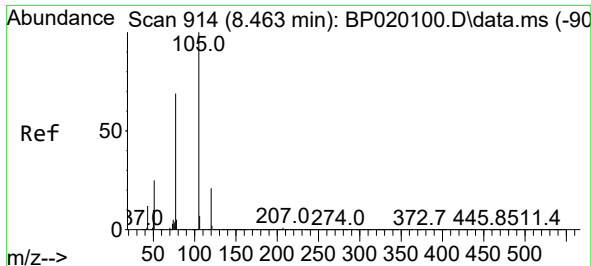
Tgt Ion:108 Resp: 122134
Ion Ratio Lower Upper
108 100
107 94.9 72.8 109.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.104 ng/ul
RT: 8.158 min Scan# 862
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion: 45 Resp: 192894
Ion Ratio Lower Upper
45 100
77 16.6 13.4 20.2
79 11.6 10.7 16.1

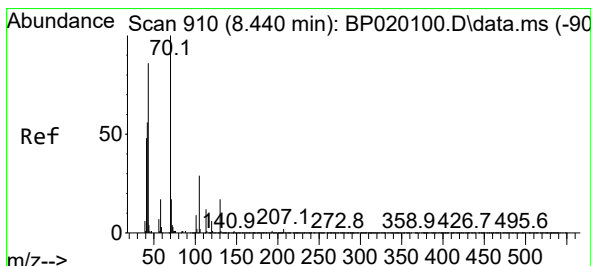
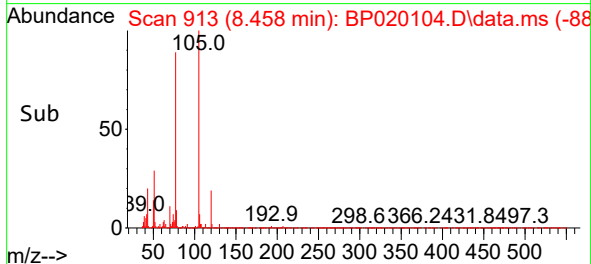
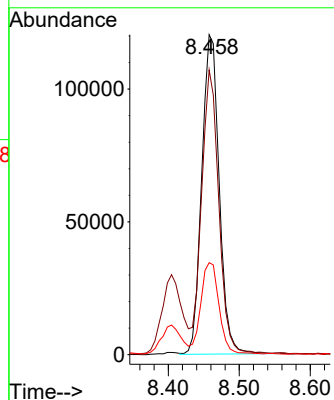
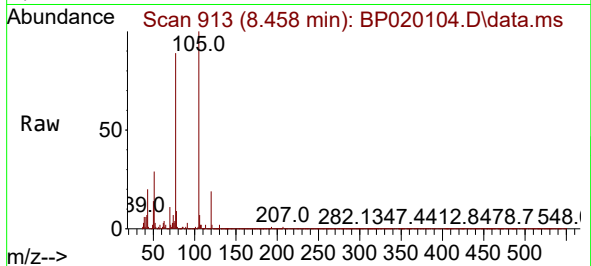




#16
Acetophenone
Concen: 19.741 ng/ul
RT: 8.458 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP020104.D
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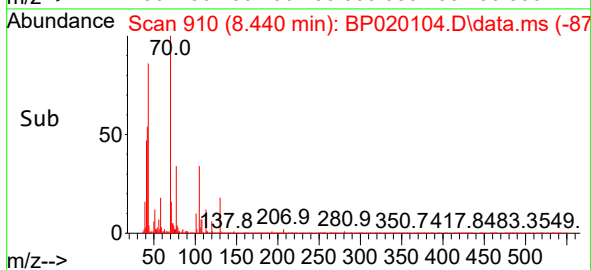
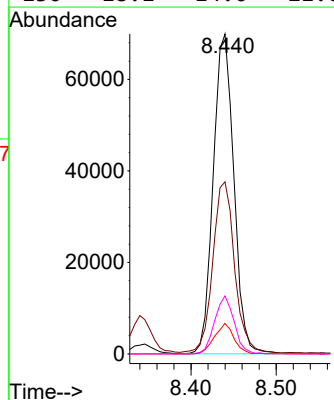
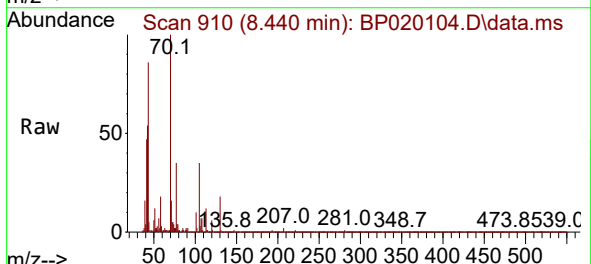
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ClientSampleId :
SICV622

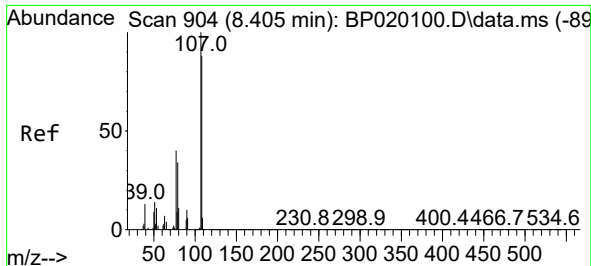
Tgt Ion:105 Resp: 206062
Ion Ratio Lower Upper
105 100
77 89.0 69.8 104.8
51 28.8 25.0 37.4



#17
N-Nitroso-di-n-propylamine
Concen: 19.820 ng/ul
RT: 8.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion: 70 Resp: 117384
Ion Ratio Lower Upper
70 100
42 53.8 45.3 67.9
101 9.6 7.5 11.3
130 18.1 14.0 21.0

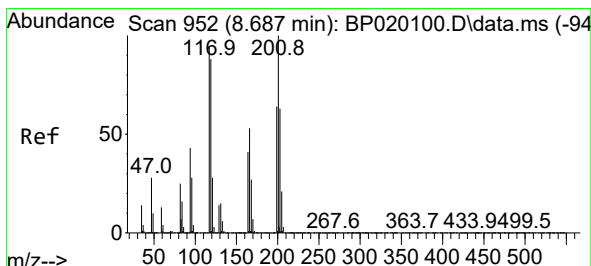
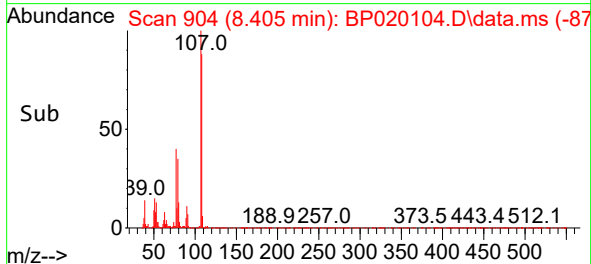
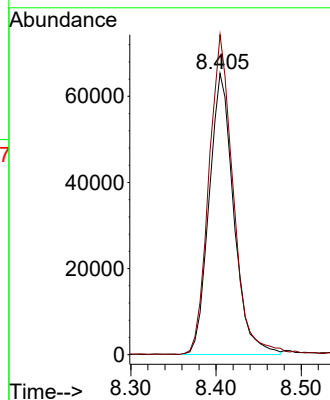
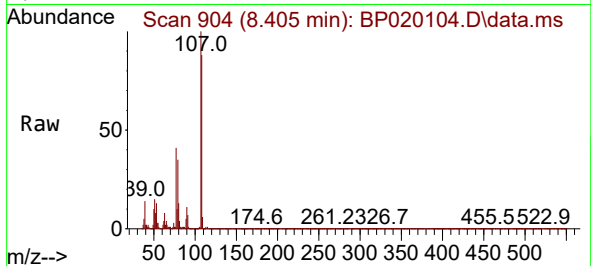




#18
4-Methylphenol
Concen: 19.669 ng/ul
RT: 8.405 min Scan# 904
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

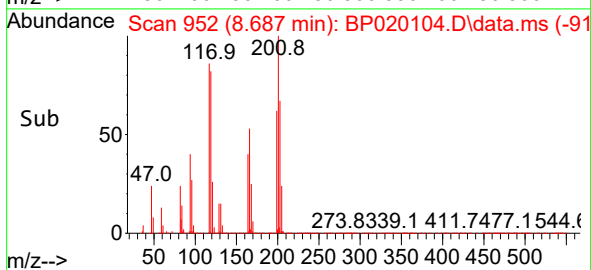
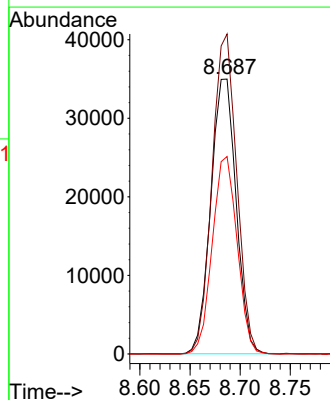
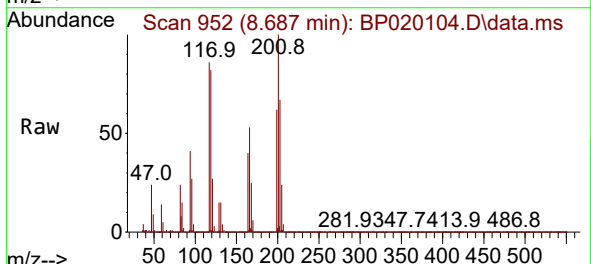
Instrument :
BNA_P
ClientSampleId :
SICV622

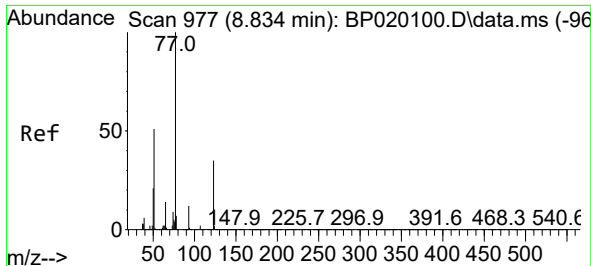
Tgt Ion:108 Resp: 131206
Ion Ratio Lower Upper
108 100
107 113.8 90.5 135.7



#19
Hexachloroethane
Concen: 20.287 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

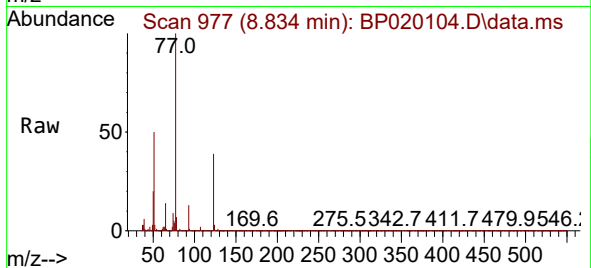
Tgt Ion:117 Resp: 61595
Ion Ratio Lower Upper
117 100
201 116.4 85.2 127.8
199 71.8 54.3 81.5



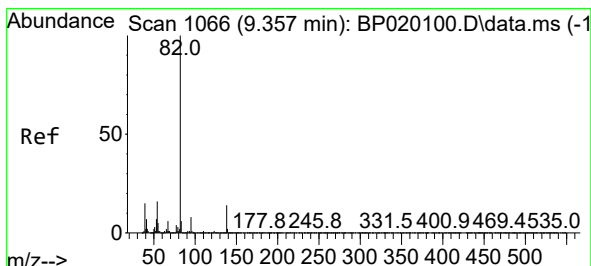
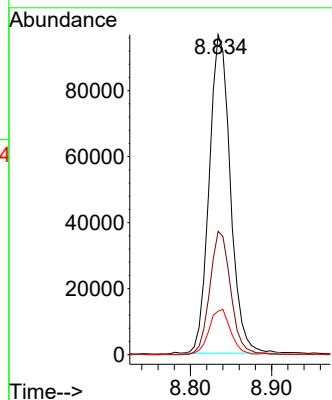
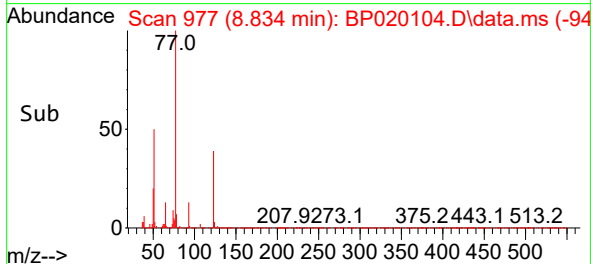


#22
Nitrobenzene
Concen: 20.827 ng/ul
RT: 8.834 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Instrument :
BNA_P
ClientSampleId :
SICV622

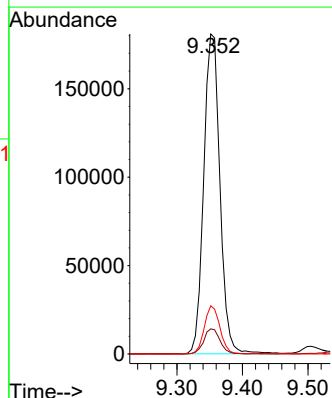
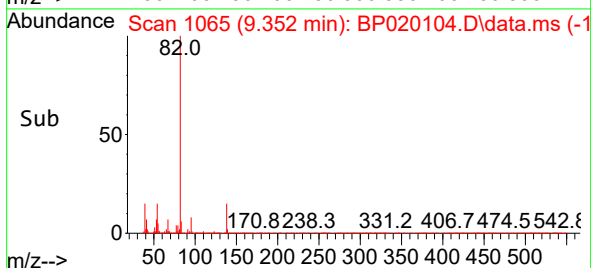
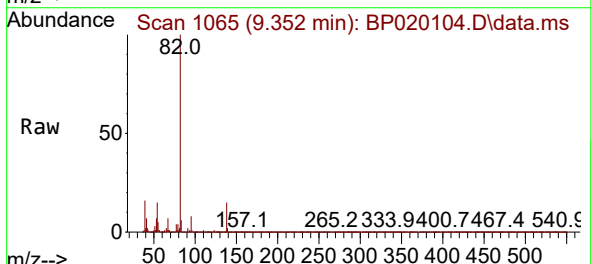


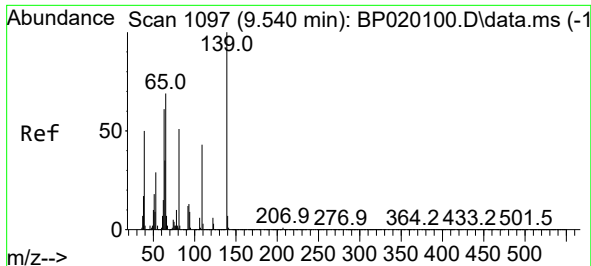
Tgt Ion: 77 Resp: 174699
Ion Ratio Lower Upper
77 100
123 38.5 27.8 41.6
65 13.6 11.5 17.3



#23
Isophorone
Concen: 20.597 ng/ul
RT: 9.352 min Scan# 1065
Delta R.T. -0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion: 82 Resp: 311989
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 15.1 11.4 17.2

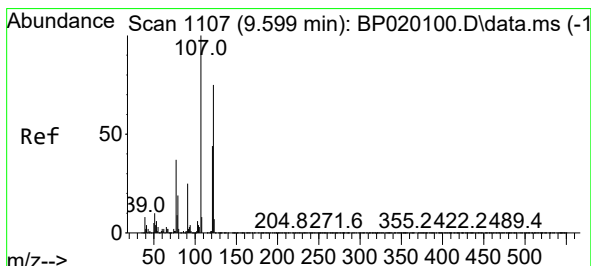
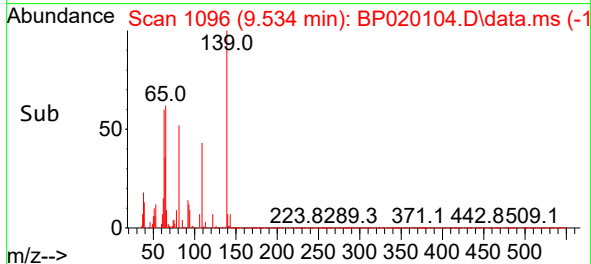
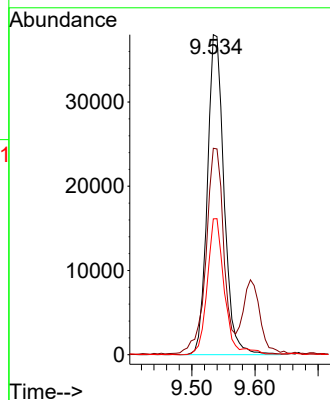
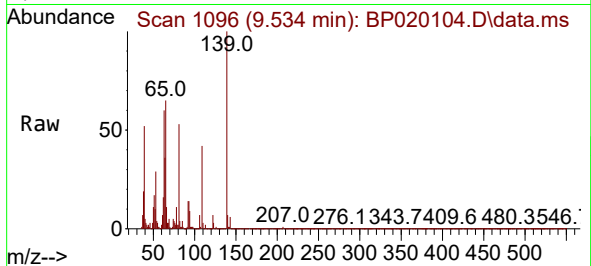




#25
2-Nitrophenol
Concen: 21.153 ng/ul
RT: 9.534 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

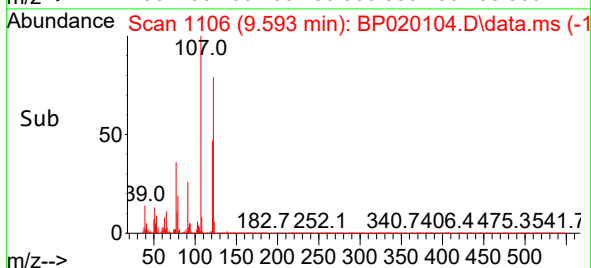
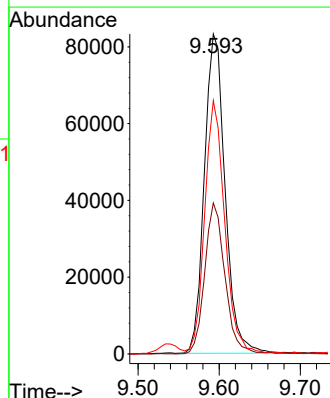
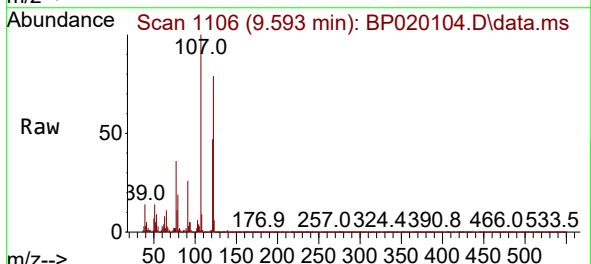
Instrument :
BNA_P
ClientSampleId :
SICV622

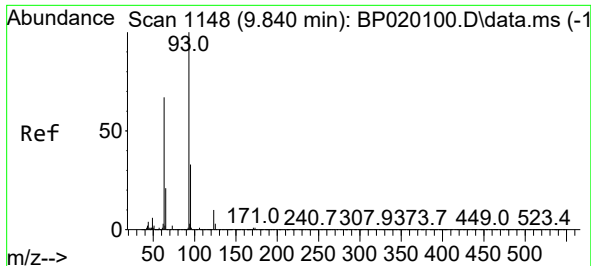
Tgt Ion:139 Resp: 69716
Ion Ratio Lower Upper
139 100
65 64.5 55.3 82.9
109 42.5 34.7 52.1



#26
2,4-Dimethylphenol
Concen: 20.512 ng/ul
RT: 9.593 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion:107 Resp: 147340
Ion Ratio Lower Upper
107 100
121 47.2 35.0 52.4
122 79.1 61.0 91.4

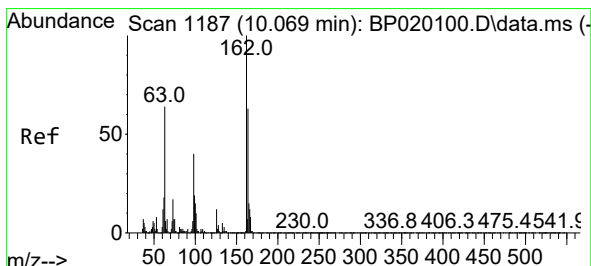
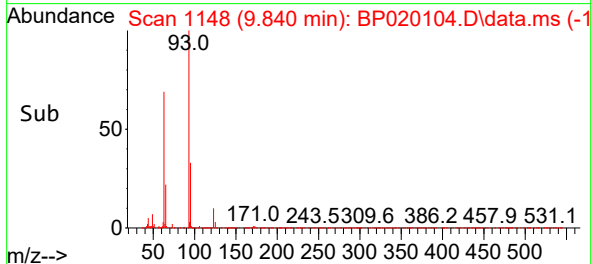
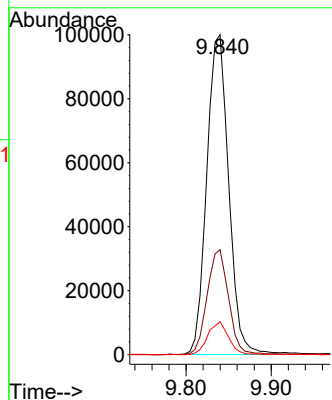
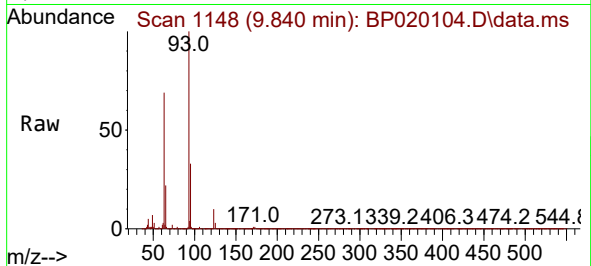




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.645 ng/ul
 RT: 9.840 min Scan# 1148
 Delta R.T. 0.000 min
 Lab File: BP020104.D
 Acq: 23 Apr 2024 15:53

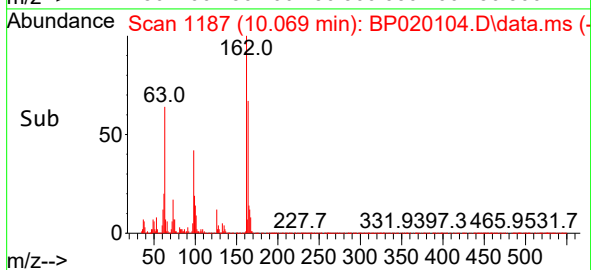
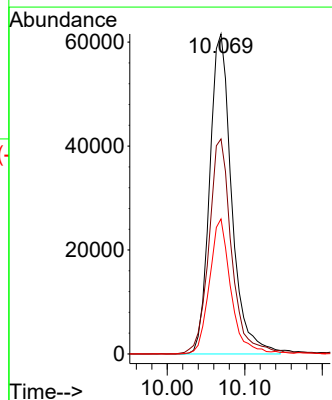
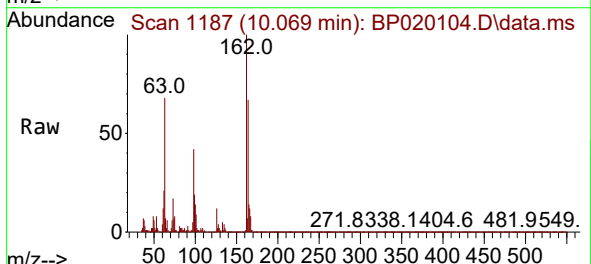
Instrument :
 BNA_P
 ClientSampleId :
 SICV622

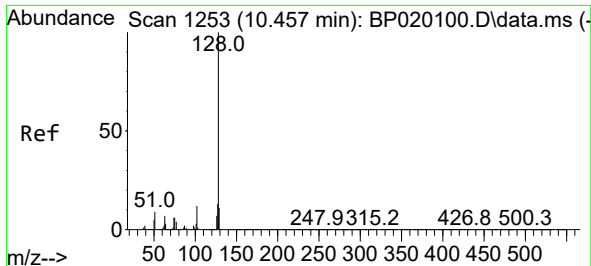
Tgt Ion: 93 Resp: 178793
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 10.3 8.2 12.4



#29
 2,4-Dichlorophenol
 Concen: 21.145 ng/ul
 RT: 10.069 min Scan# 1187
 Delta R.T. 0.000 min
 Lab File: BP020104.D
 Acq: 23 Apr 2024 15:53

Tgt Ion: 162 Resp: 121693
 Ion Ratio Lower Upper
 162 100
 164 67.2 50.5 75.7
 98 42.2 31.8 47.6

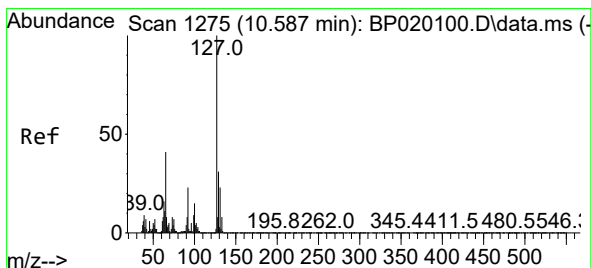
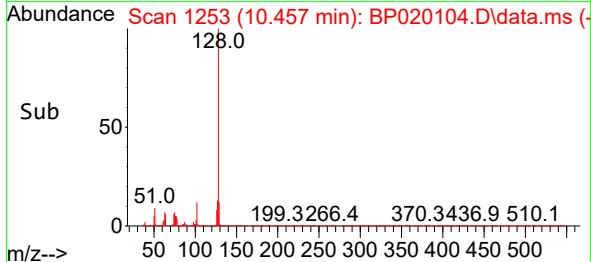
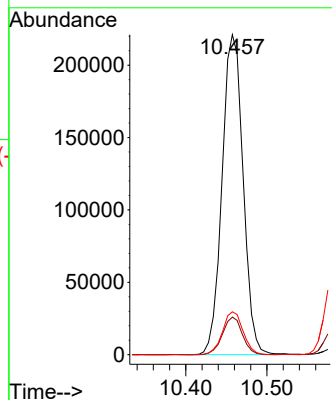
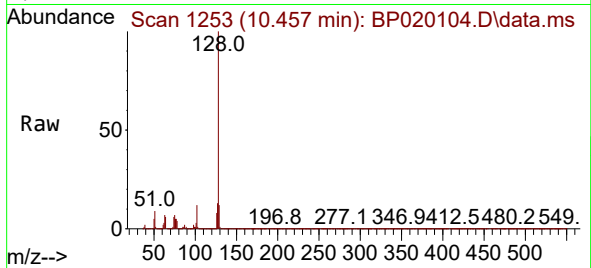




#30
Naphthalene
Concen: 20.735 ng/ul
RT: 10.457 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

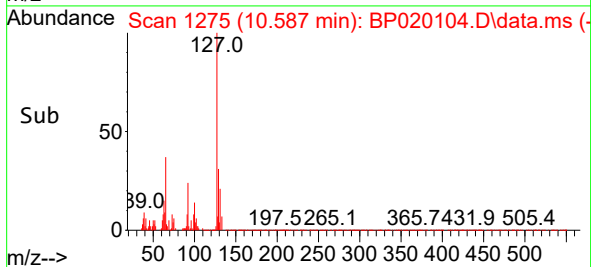
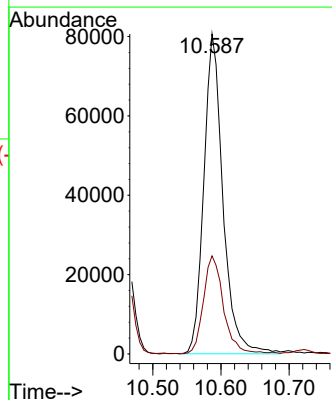
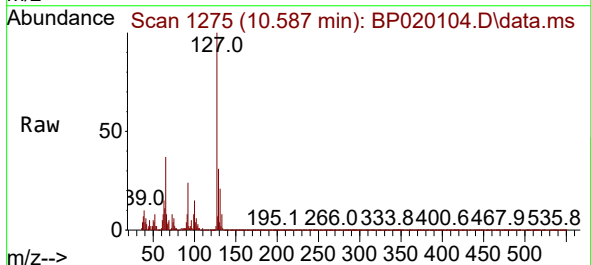
Instrument :
BNA_P
ClientSampleId :
SICV622

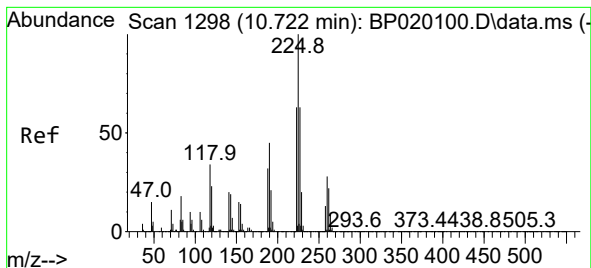
Tgt Ion:128 Resp: 398228
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.4 10.3 15.5



#32
4-Chloroaniline
Concen: 21.976 ng/ul
RT: 10.587 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion:127 Resp: 157543
Ion Ratio Lower Upper
127 100
129 30.6 25.0 37.4

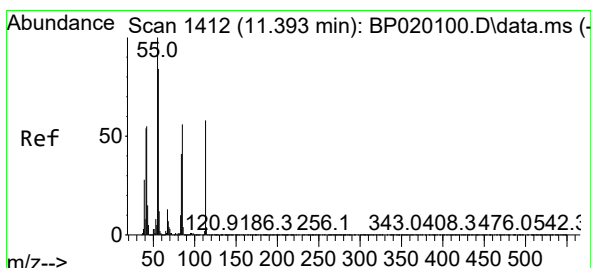
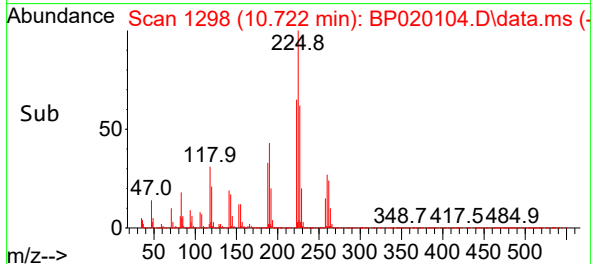
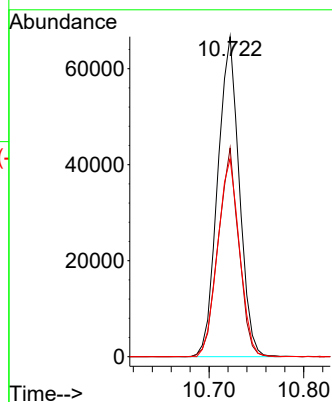
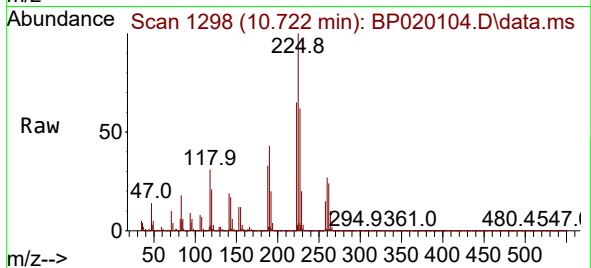




#33
Hexachlorobutadiene
Concen: 21.615 ng/ul
RT: 10.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

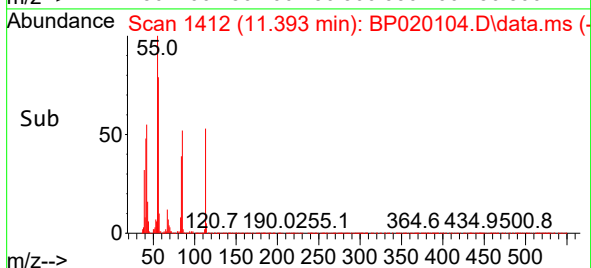
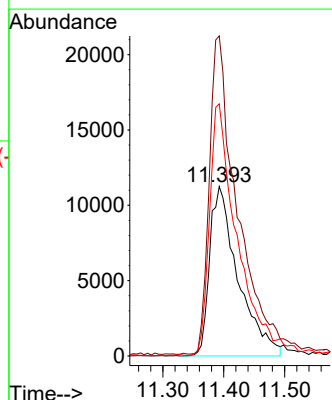
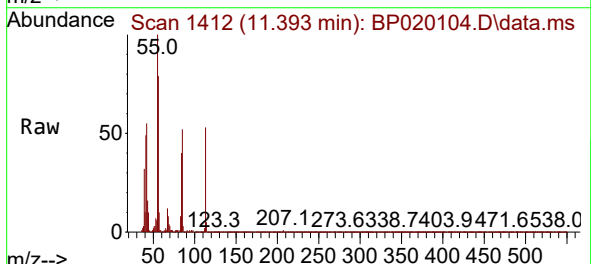
Instrument :
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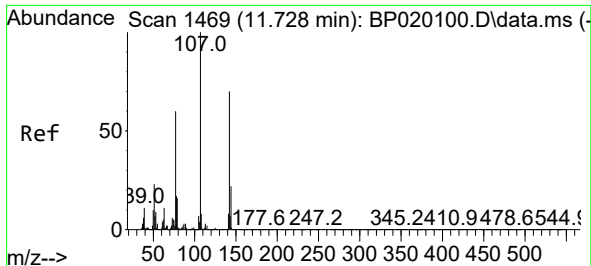
Tgt Ion:225 Resp: 105423
Ion Ratio Lower Upper
225 100
223 65.2 50.8 76.2
227 61.8 50.7 76.1



#34
Caprolactam
Concen: 22.105 ng/ul
RT: 11.393 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion:113 Resp: 36444
Ion Ratio Lower Upper
113 100
55 188.8 140.2 210.4
56 148.8 116.2 174.4

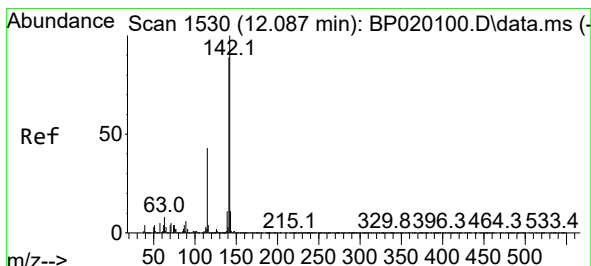
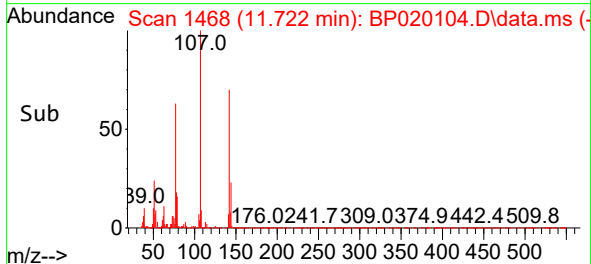
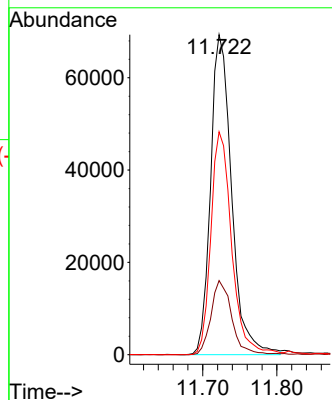
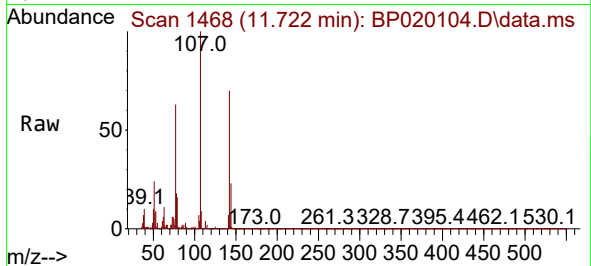




#35
4-Chloro-3-methylphenol
Concen: 20.934 ng/ul
RT: 11.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

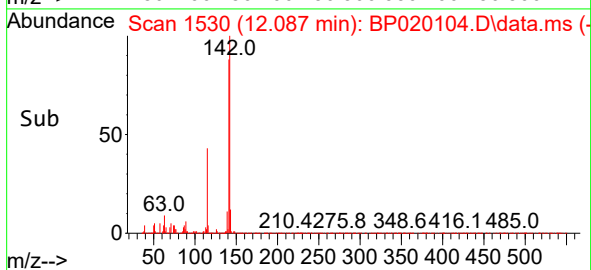
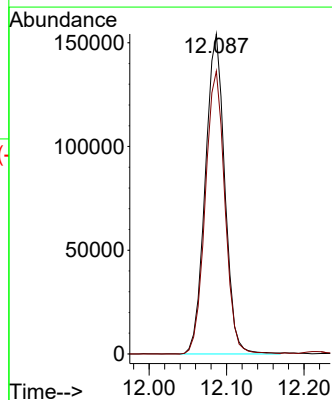
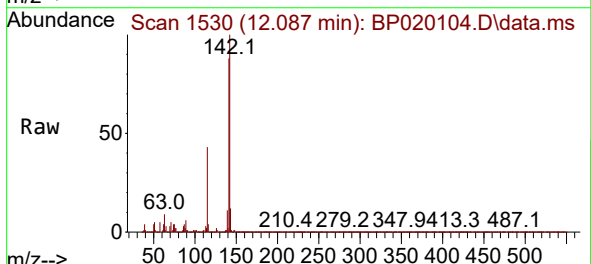
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BNA_P
ClientSampleId :
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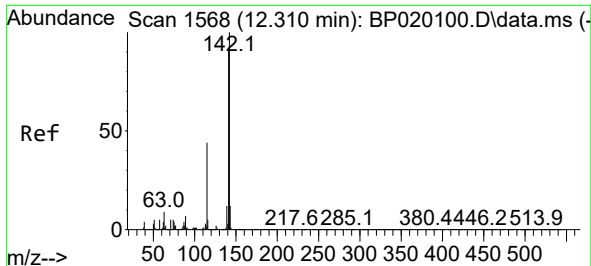
Tgt Ion:107 Resp: 136645
Ion Ratio Lower Upper
107 100
144 23.1 17.9 26.9
142 69.7 56.2 84.4



#36
2-Methylnaphthalene
Concen: 21.212 ng/ul
RT: 12.087 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion:142 Resp: 269511
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.2

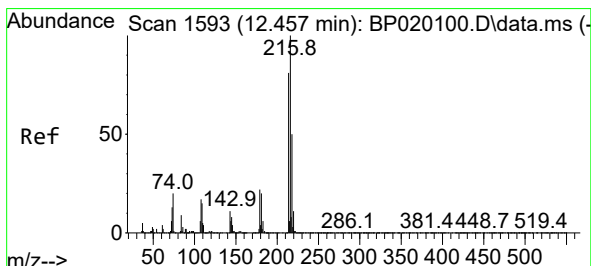
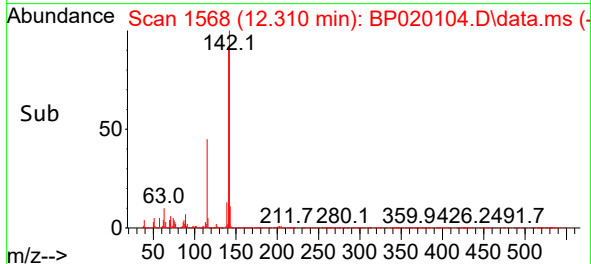
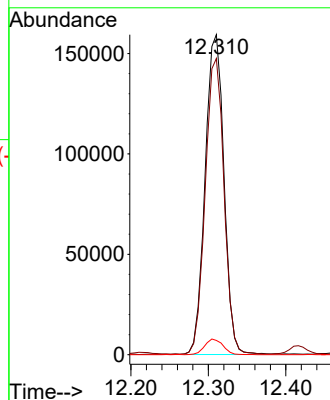
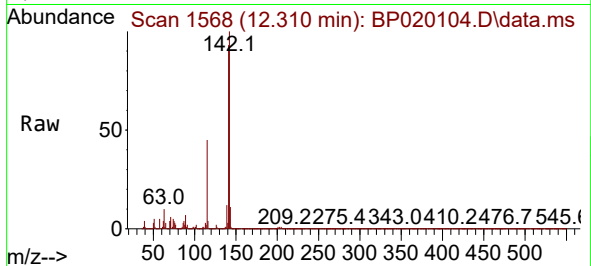




#37
1-Methylnaphthalene
Concen: 21.264 ng/ul
RT: 12.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

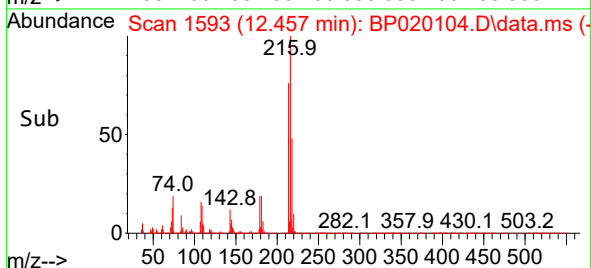
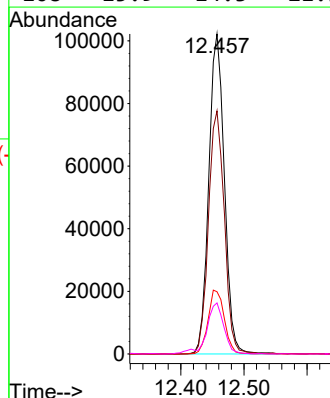
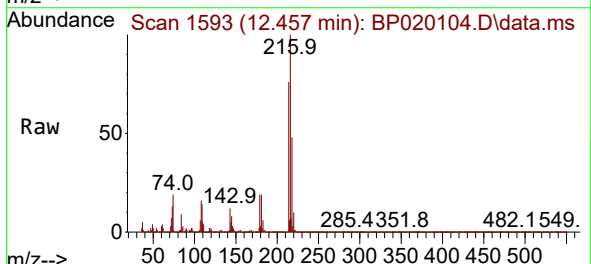
Instrument :
BNA_P
ClientSampleId :
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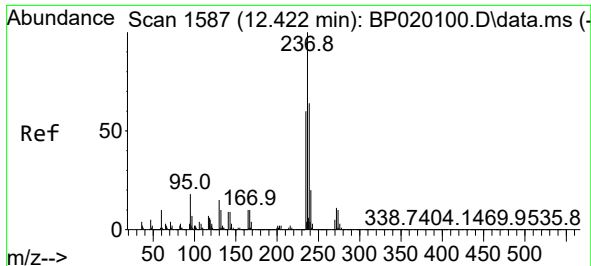
Tgt Ion:142 Resp: 268922
Ion Ratio Lower Upper
142 100
141 92.5 73.2 109.8
116 4.5 3.7 5.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.516 ng/ul
RT: 12.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion:216 Resp: 175293
Ion Ratio Lower Upper
216 100
214 75.9 64.5 96.7
179 19.5 17.8 26.6
108 15.9 14.3 21.5

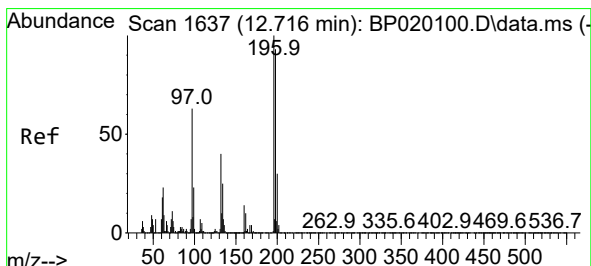
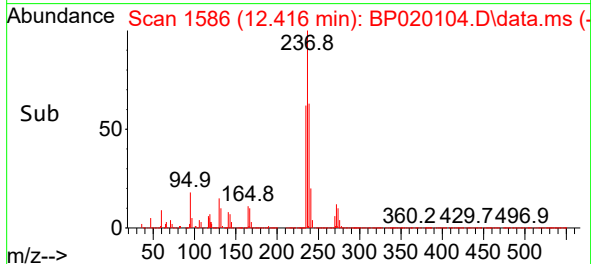
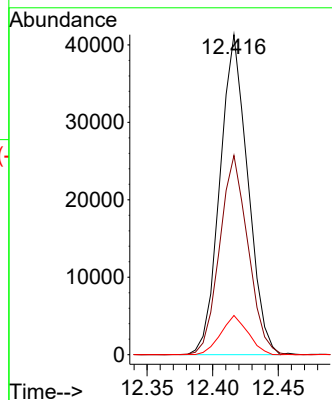
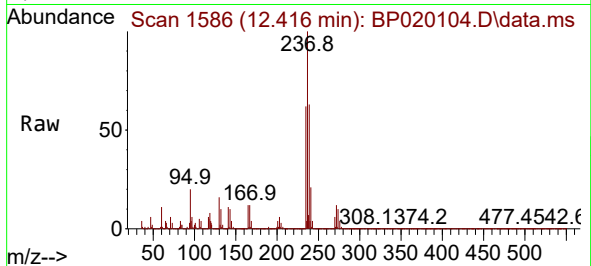




#40
Hexachlorocyclopentadiene
Concen: 18.839 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

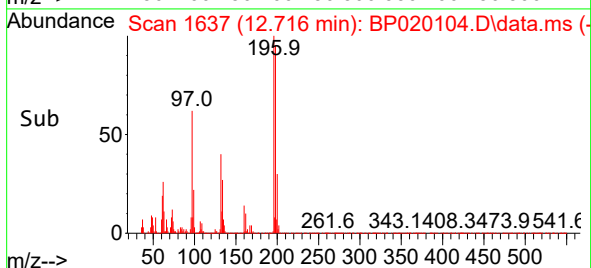
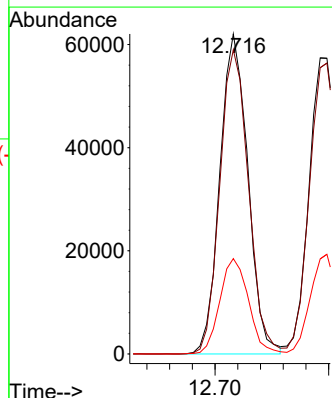
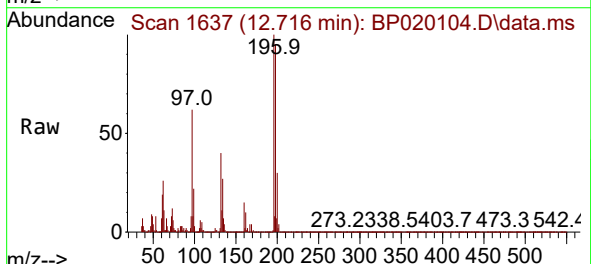
Instrument :
BNA_P
ClientSampleId :
SICV622

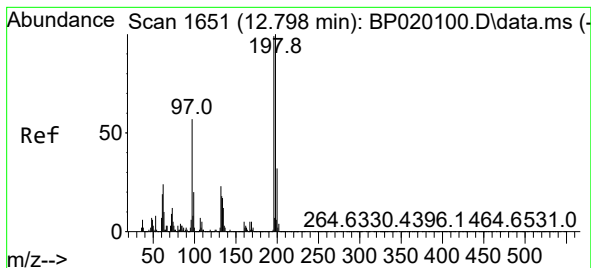
Tgt Ion:237 Resp: 61104
Ion Ratio Lower Upper
237 100
235 62.3 47.6 71.4
272 12.2 9.3 13.9



#41
2,4,6-Trichlorophenol
Concen: 19.796 ng/ul
RT: 12.716 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion:196 Resp: 106611
Ion Ratio Lower Upper
196 100
198 95.0 74.3 111.5
200 29.8 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 20.475 ng/ul

RT: 12.793 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

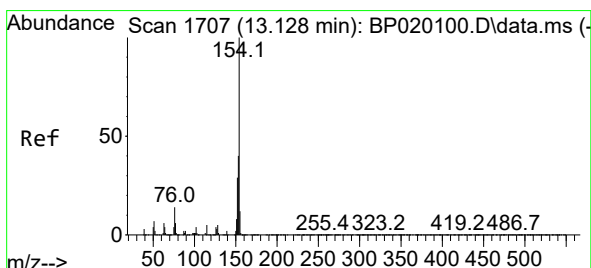
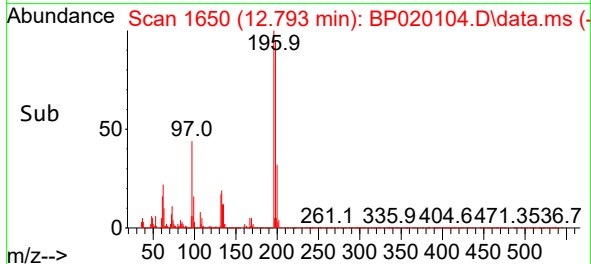
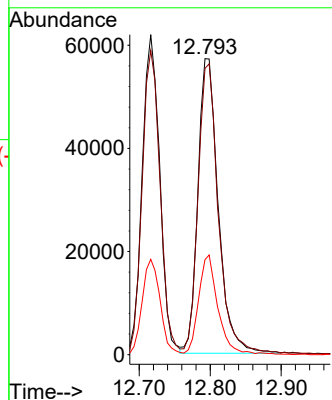
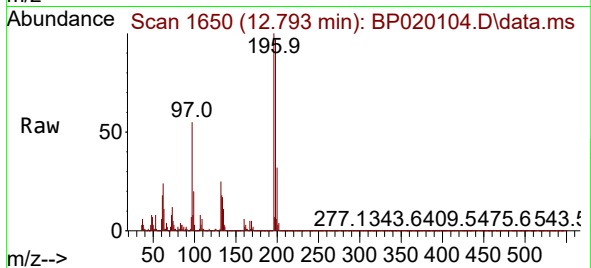
Tgt Ion:196 Resp: 114369

Ion Ratio Lower Upper

196 100

198 96.7 81.1 121.7

200 32.1 26.0 39.0



#43

1,1'-Biphenyl

Concen: 19.554 ng/ul

RT: 13.122 min Scan# 1706

Delta R.T. -0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

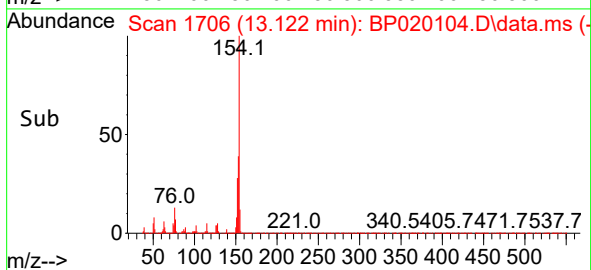
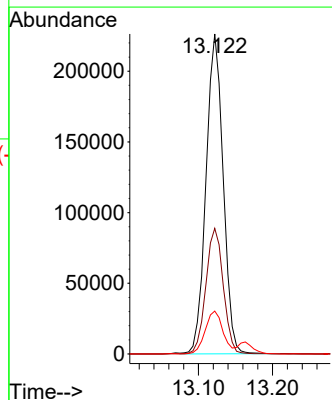
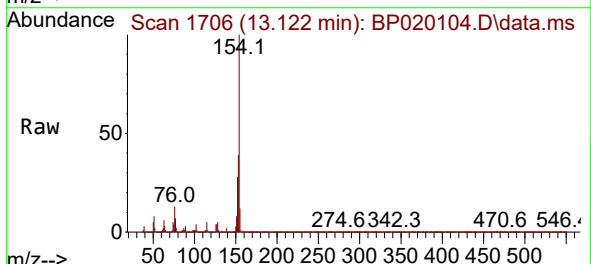
Tgt Ion:154 Resp: 363222

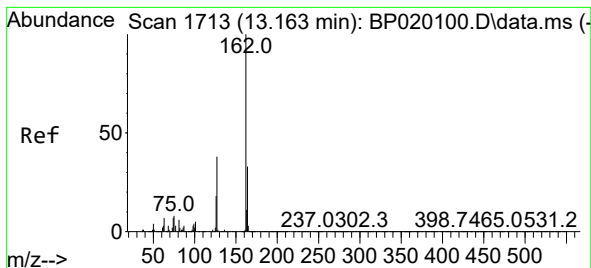
Ion Ratio Lower Upper

154 100

153 39.3 31.9 47.9

76 13.4 10.9 16.3





#44

2-Chloronaphthalene

Concen: 20.157 ng/ul

RT: 13.163 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

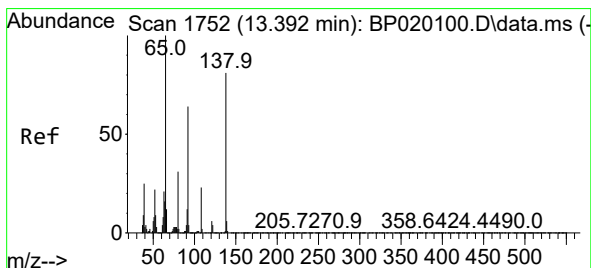
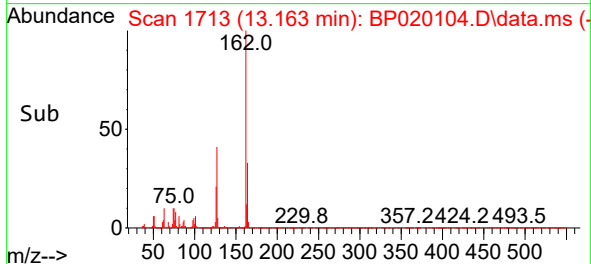
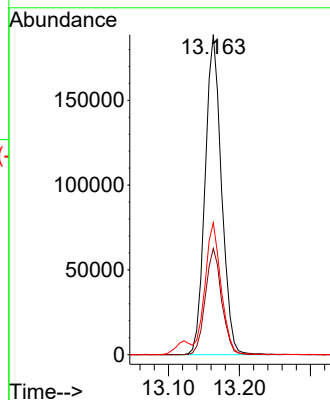
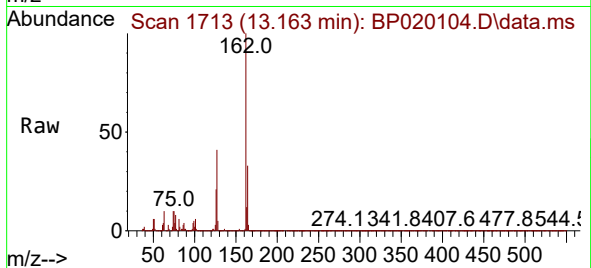
Tgt Ion:162 Resp: 303278

Ion Ratio Lower Upper

162 100

164 33.2 26.6 39.8

127 41.2 32.1 48.1



#45

2-Nitroaniline

Concen: 20.173 ng/ul

RT: 13.393 min Scan# 1752

Delta R.T. 0.000 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

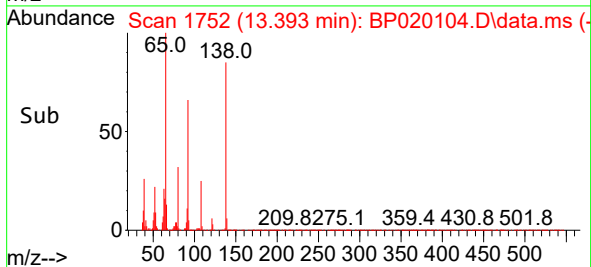
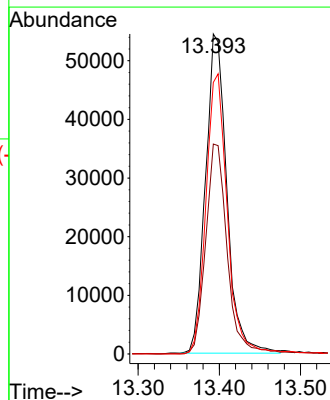
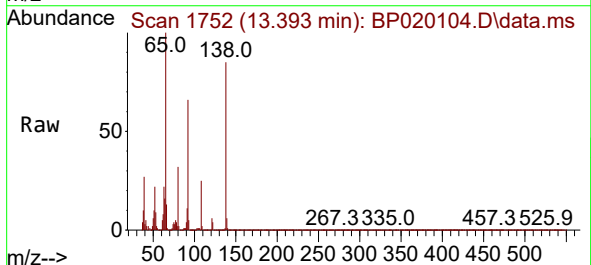
Tgt Ion: 65 Resp: 99346

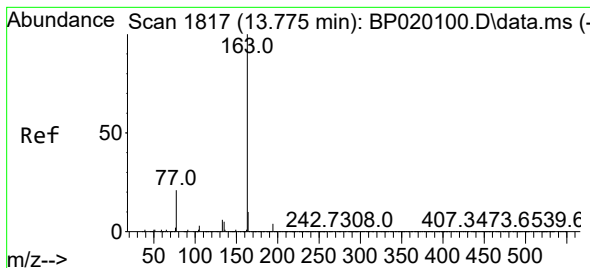
Ion Ratio Lower Upper

65 100

92 65.6 51.3 76.9

138 84.8 64.8 97.2





#47

Dimethylphthalate

Concen: 19.918 ng/ul

RT: 13.775 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

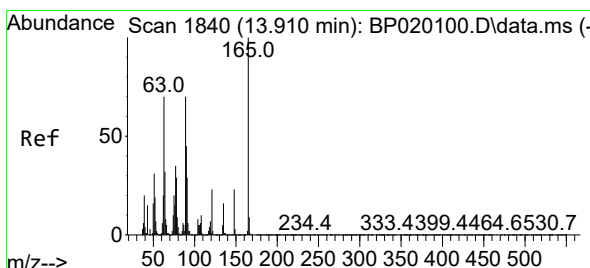
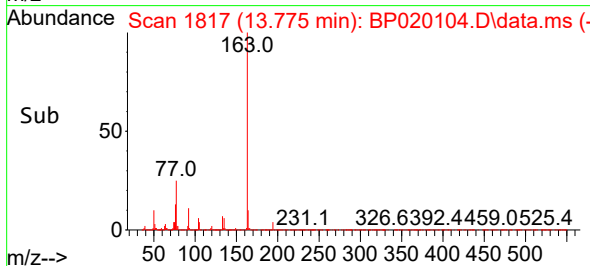
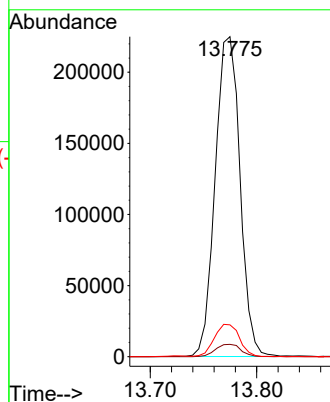
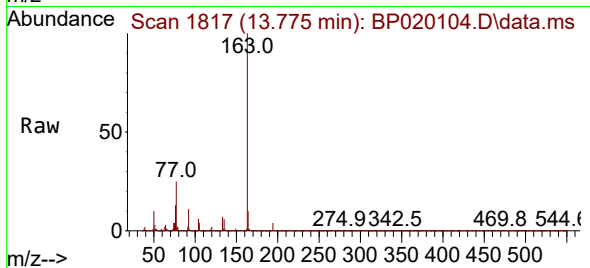
Tgt Ion:163 Resp: 363555

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.0 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 20.575 ng/ul

RT: 13.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

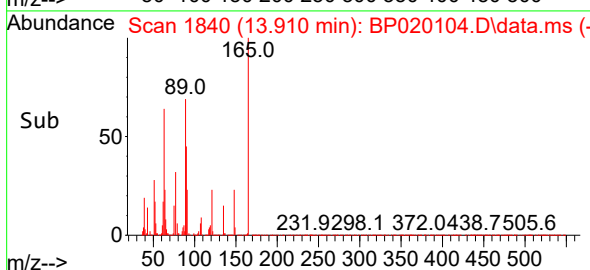
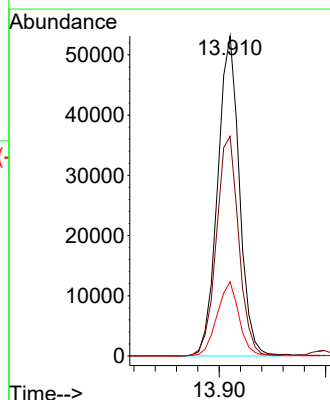
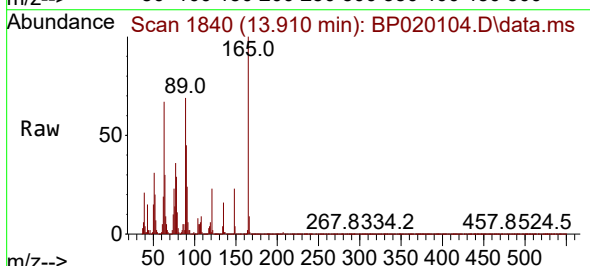
Tgt Ion:165 Resp: 75074

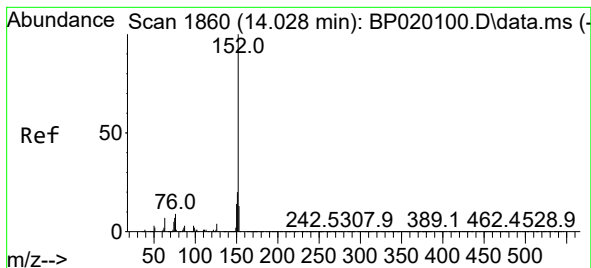
Ion Ratio Lower Upper

165 100

89 68.7 56.1 84.1

121 23.2 18.1 27.1





#50

Acenaphthylene

Concen: 20.589 ng/ul

RT: 14.028 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

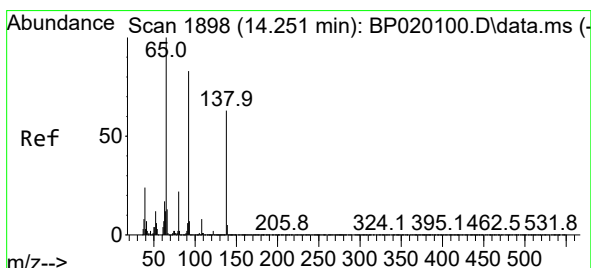
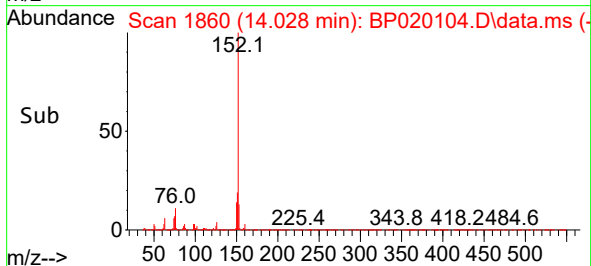
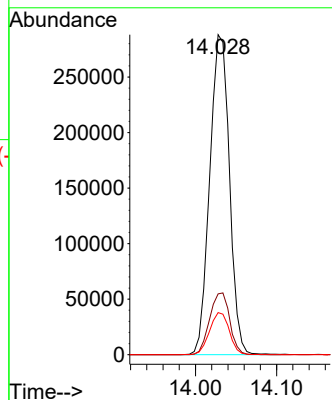
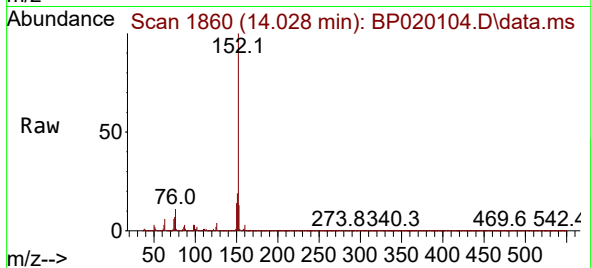
Tgt Ion:152 Resp: 484851

Ion Ratio Lower Upper

152 100

151 19.0 15.7 23.5

153 13.1 10.3 15.5



#51

3-Nitroaniline

Concen: 21.254 ng/ul

RT: 14.251 min Scan# 1898

Delta R.T. 0.000 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

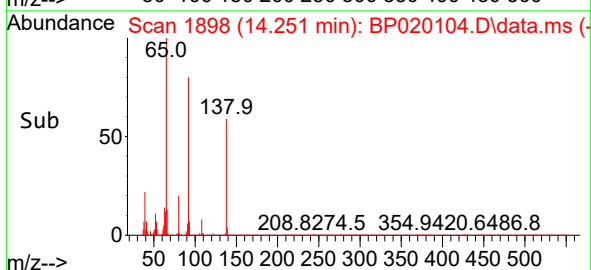
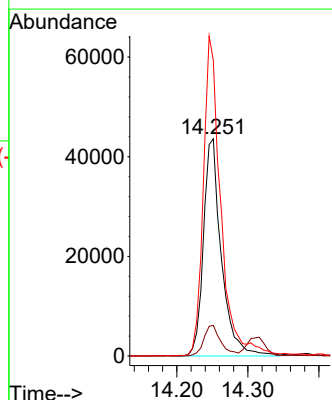
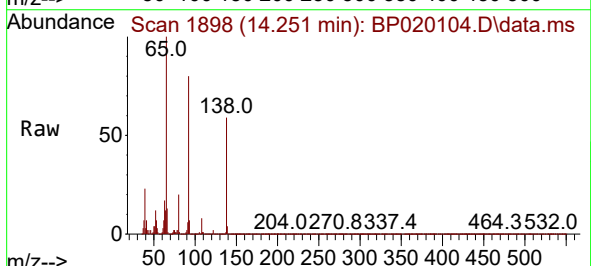
Tgt Ion:138 Resp: 76520

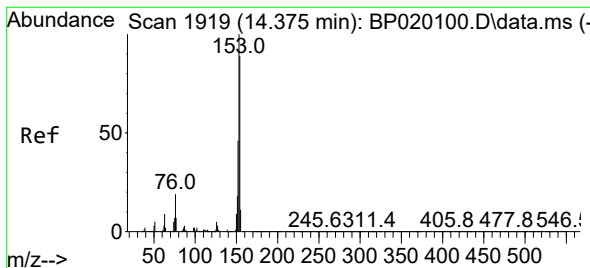
Ion Ratio Lower Upper

138 100

108 14.1 9.8 14.6

92 136.0 105.1 157.7





#52

Acenaphthene

Concen: 20.464 ng/ul

RT: 14.381 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

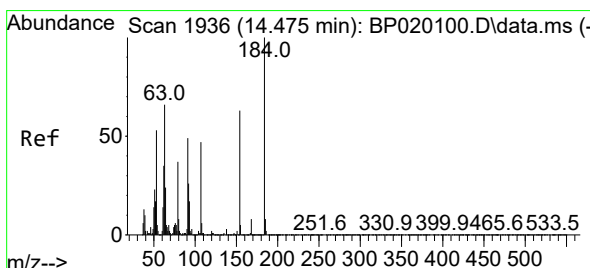
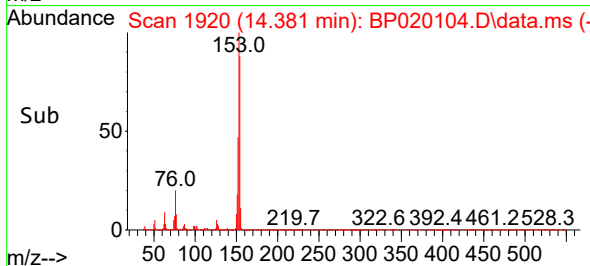
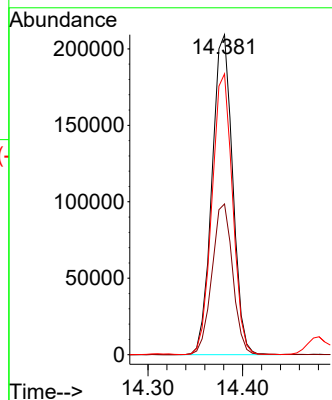
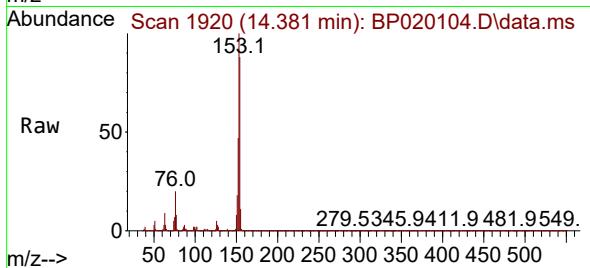
Tgt Ion:153 Resp: 317253

Ion Ratio Lower Upper

153 100

152 47.1 36.9 55.3

154 87.7 71.6 107.4



#53

2,4-Dinitrophenol

Concen: 20.696 ng/ul

RT: 14.481 min Scan# 1937

Delta R.T. 0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

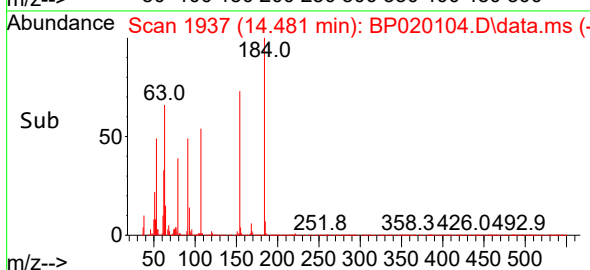
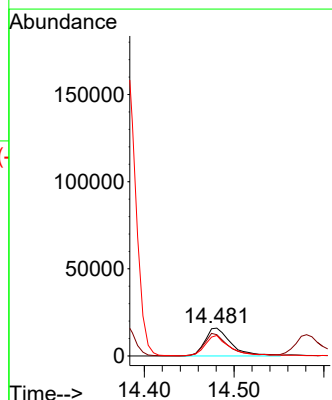
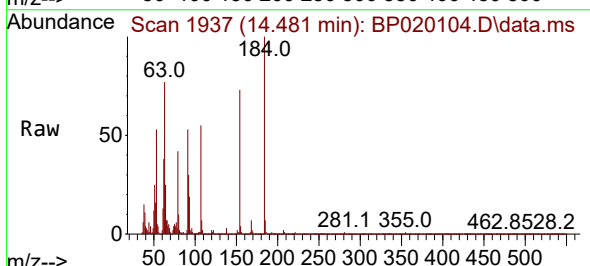
Tgt Ion:184 Resp: 32093

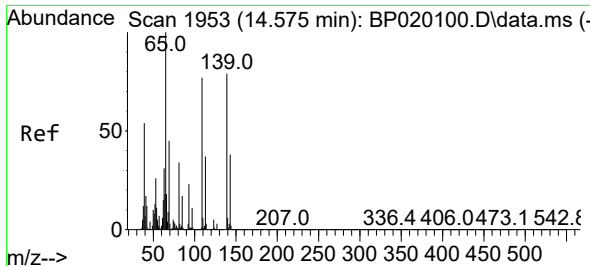
Ion Ratio Lower Upper

184 100

63 76.5 53.3 79.9

154 73.4 51.8 77.6

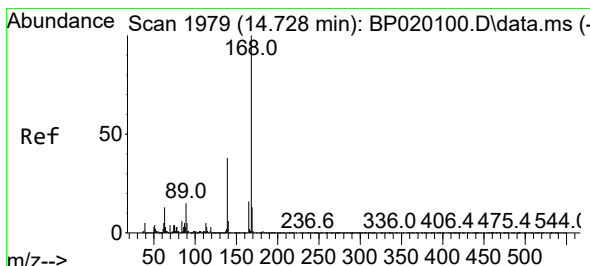
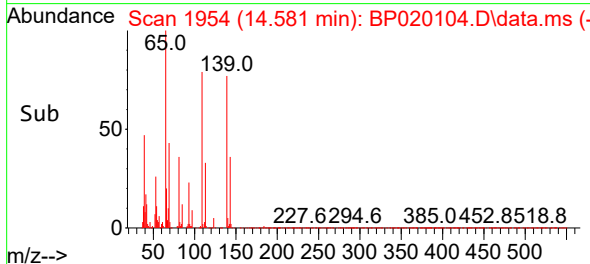
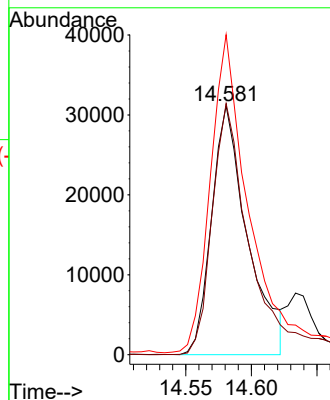
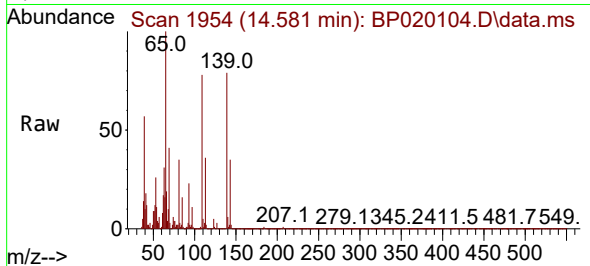




#55
4-Nitrophenol
Concen: 21.197 ng/ul
RT: 14.581 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

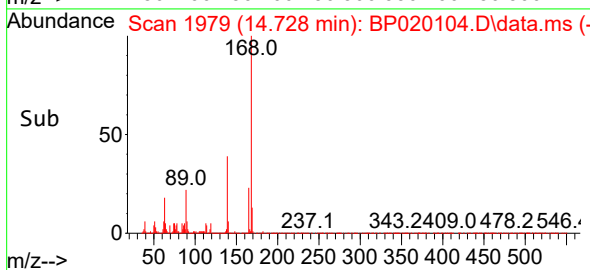
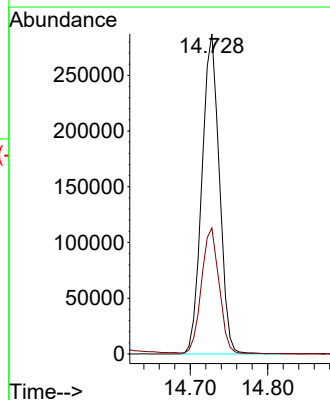
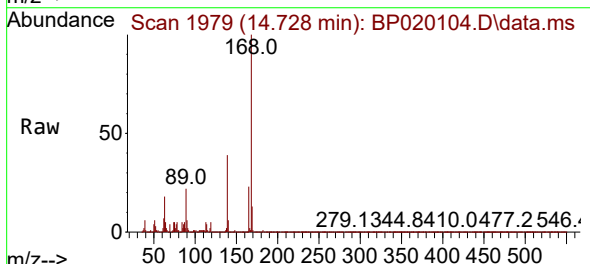
Instrument :
BNA_P
ClientSampleId :
SICV622

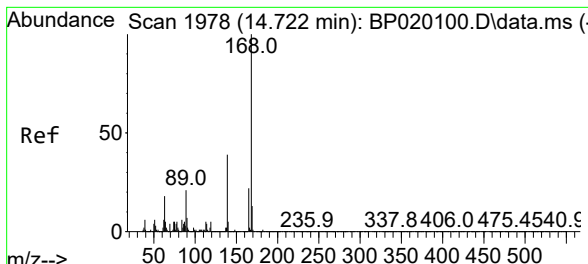
Tgt Ion:109 Resp: 59289
Ion Ratio Lower Upper
109 100
139 100.9 81.4 122.2
65 128.6 104.3 156.5



#56
Dibenzofuran
Concen: 20.872 ng/ul
RT: 14.728 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion:168 Resp: 447834
Ion Ratio Lower Upper
168 100
139 39.4 30.6 46.0

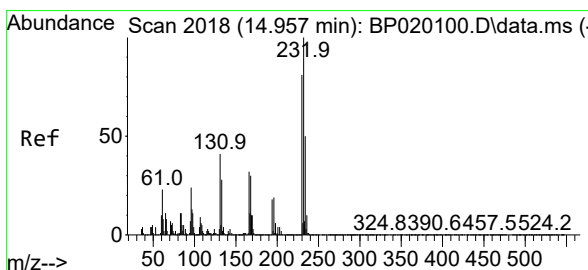
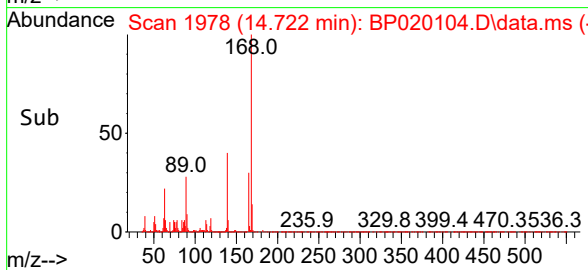
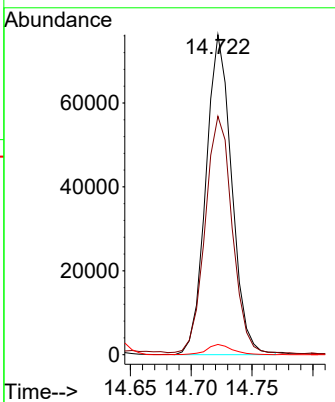
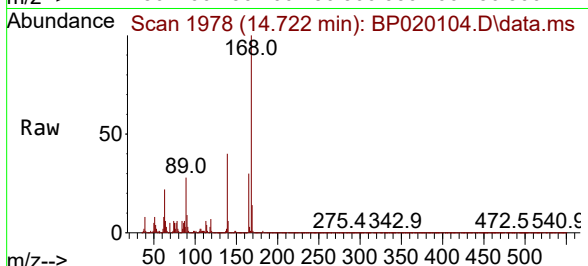




#57
 2,4-Dinitrotoluene
 Concen: 21.712 ng/ul
 RT: 14.722 min Scan# 1978
 Delta R.T. 0.000 min
 Lab File: BP020104.D
 Acq: 23 Apr 2024 15:53

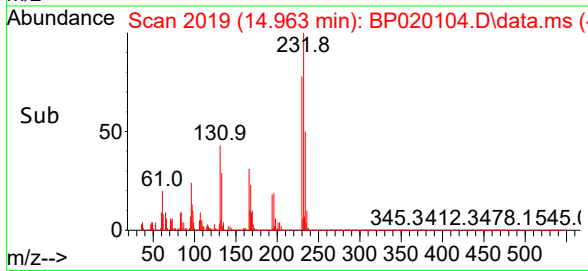
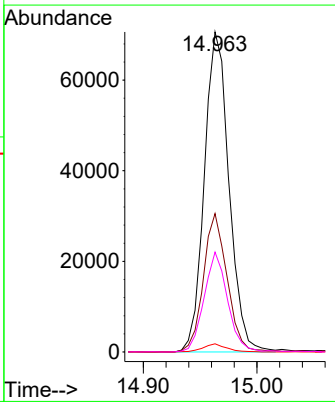
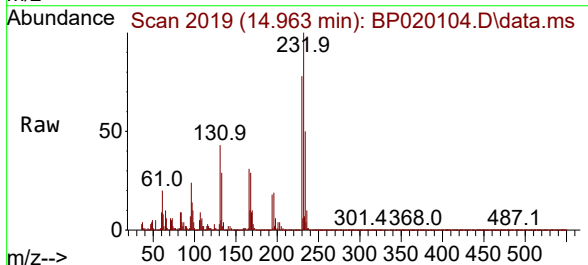
Instrument :
 BNA_P
 ClientSampleId :
 SICV622

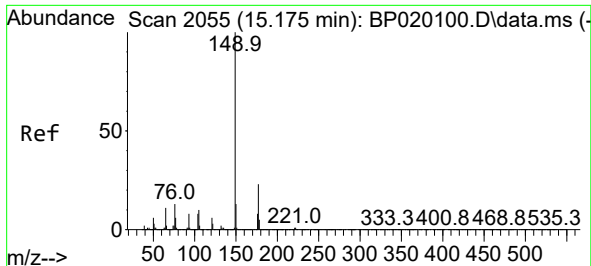
Tgt Ion:	165	Resp:	112356
Ion Ratio	Lower	Upper	
165	100		
63	74.5	63.2	94.8
182	3.2	2.2	3.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.414 ng/ul
 RT: 14.963 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: BP020104.D
 Acq: 23 Apr 2024 15:53

Tgt Ion:	232	Resp:	106724
Ion Ratio	Lower	Upper	
232	100		
131	43.2	33.2	49.8
130	2.6	2.2	3.2
166	31.2	25.2	37.8

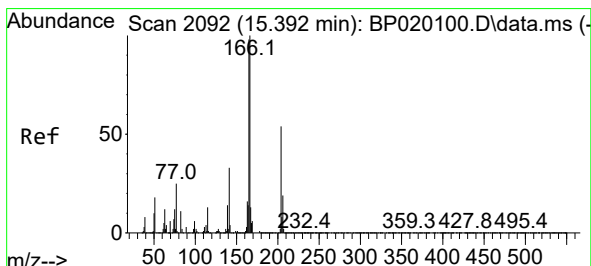
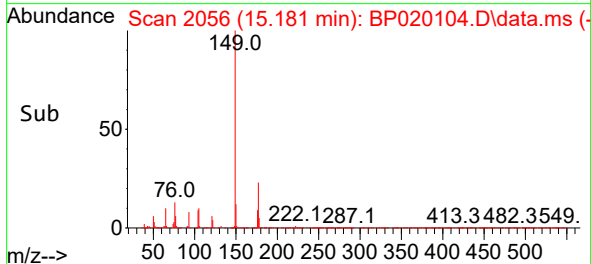
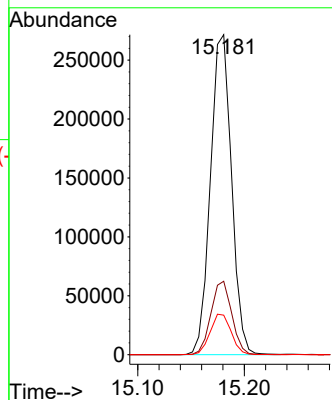
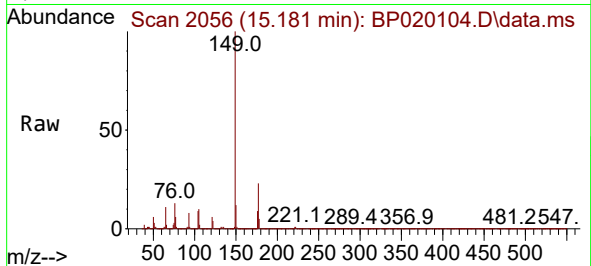




#59
Diethylphthalate
Concen: 20.784 ng/ul
RT: 15.181 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

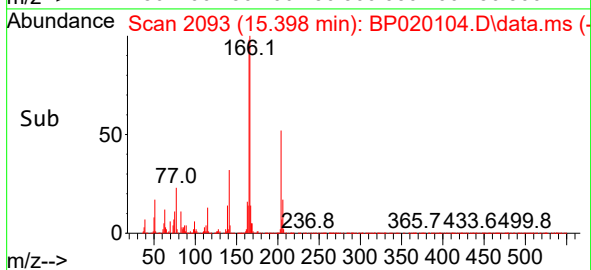
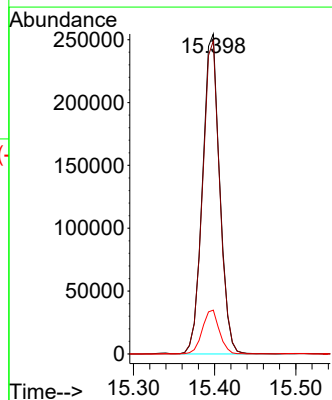
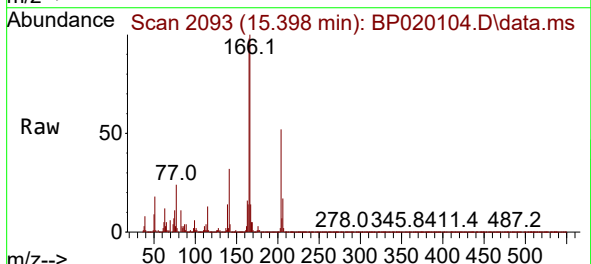
Instrument :
BNA_P
ClientSampleId :
SICV622

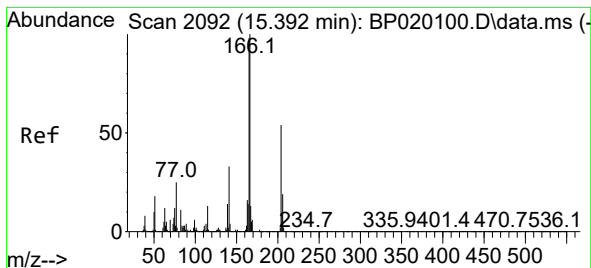
Tgt Ion:149 Resp: 373144
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.3 10.0 15.0



#61
Fluorene
Concen: 21.133 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion:166 Resp: 372727
Ion Ratio Lower Upper
166 100
165 97.8 78.0 117.0
167 13.7 10.4 15.6

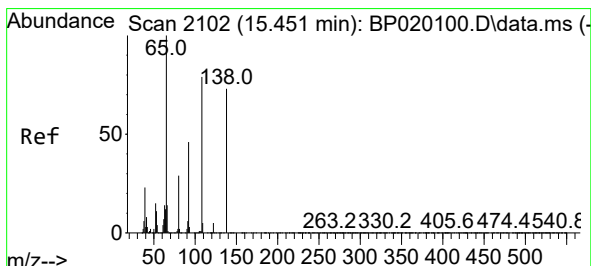
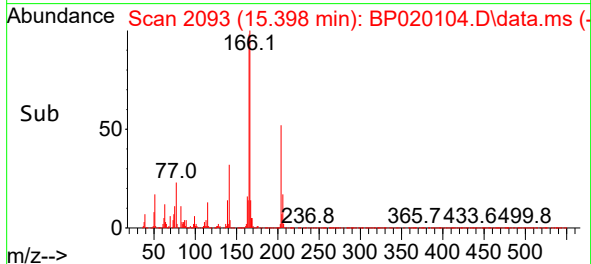
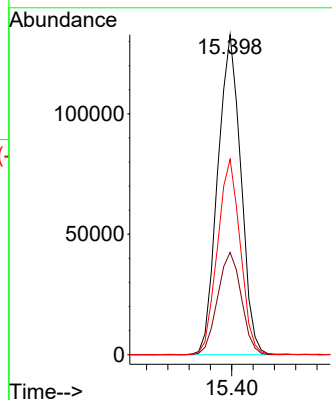
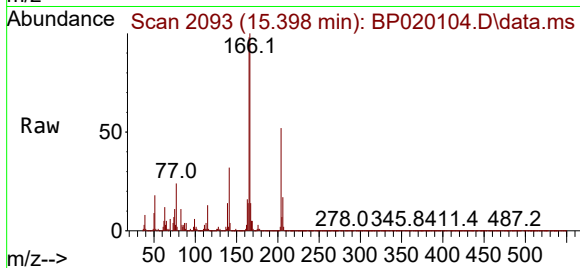




#62
4-Chlorophenyl-phenylether
Concen: 20.878 ng/ul
RT: 15.398 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

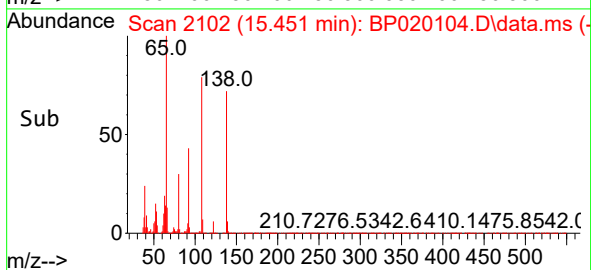
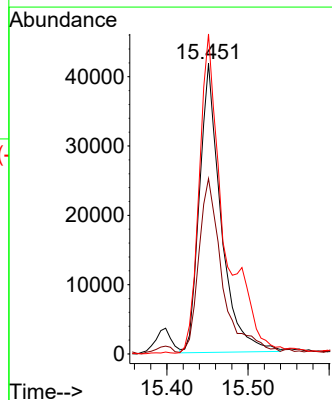
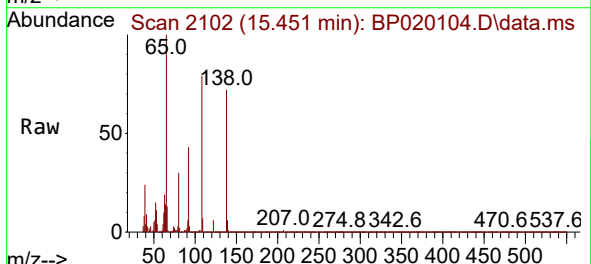
Instrument :
BNA_P
ClientSampleId :
SICV622

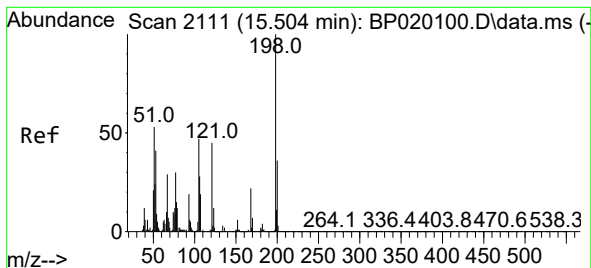
Tgt Ion:204 Resp: 200102
Ion Ratio Lower Upper
204 100
206 32.0 27.4 41.2
141 61.1 48.8 73.2



#63
4-Nitroaniline
Concen: 22.223 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion:138 Resp: 76258
Ion Ratio Lower Upper
138 100
92 60.4 49.8 74.8
108 110.2 85.4 128.0

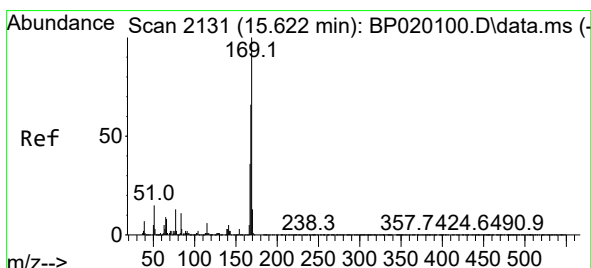
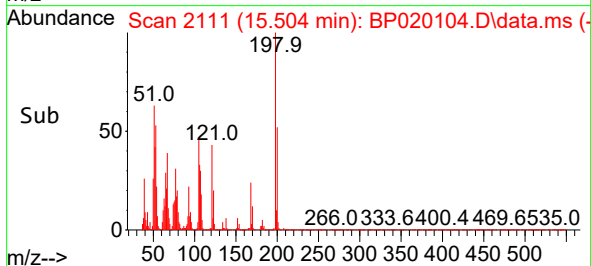
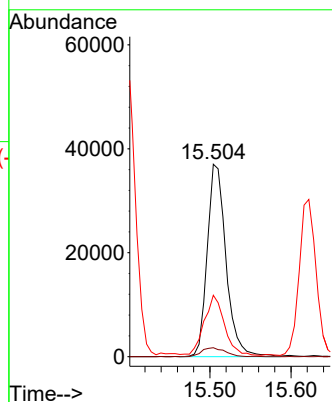
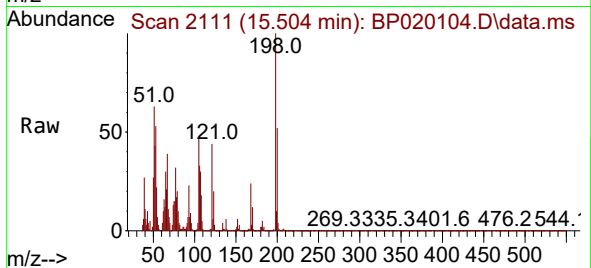




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.802 ng/ul
 RT: 15.504 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: BP020104.D
 Acq: 23 Apr 2024 15:53

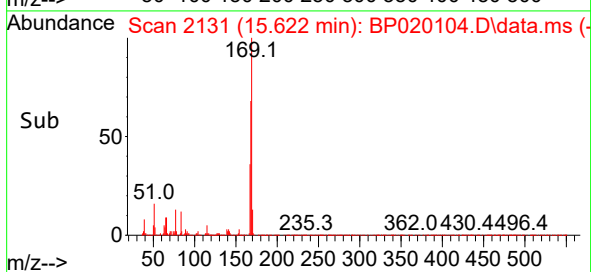
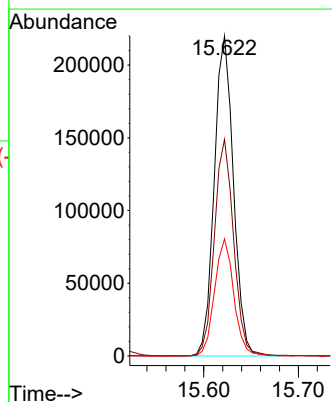
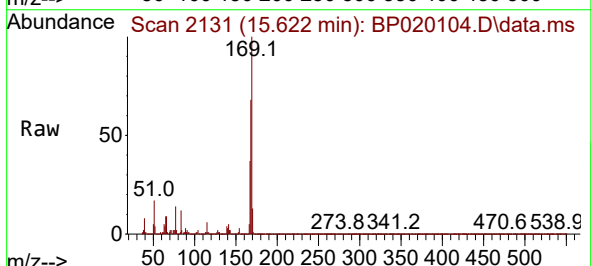
Instrument :
 BNA_P
 ClientSampleId :
 SICV622

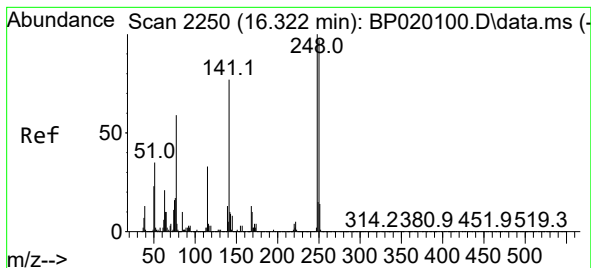
Tgt Ion:198 Resp: 59637
 Ion Ratio Lower Upper
 198 100
 182 4.7 3.0 4.6#
 77 31.9 24.9 37.3



#67
 N-Nitrosodiphenylamine
 Concen: 20.592 ng/ul
 RT: 15.622 min Scan# 2131
 Delta R.T. 0.000 min
 Lab File: BP020104.D
 Acq: 23 Apr 2024 15:53

Tgt Ion:169 Resp: 309776
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.0 79.4
 167 36.6 28.9 43.3

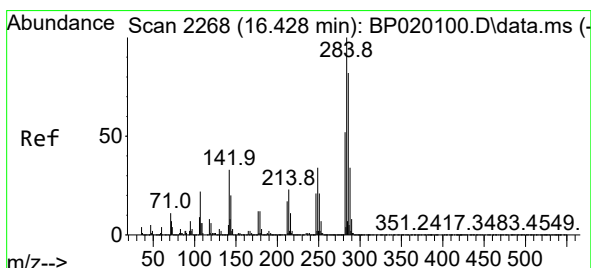
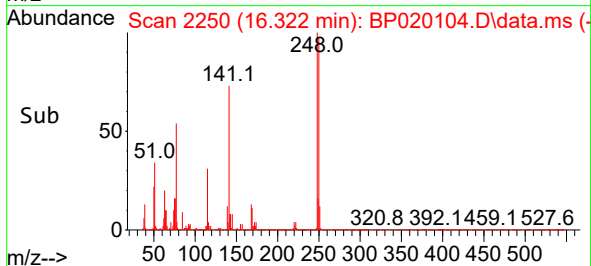
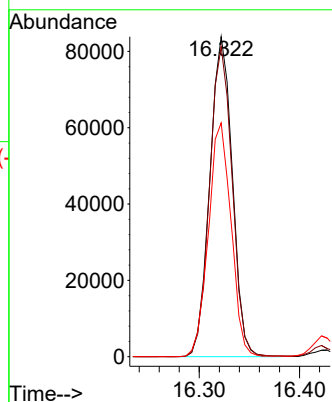
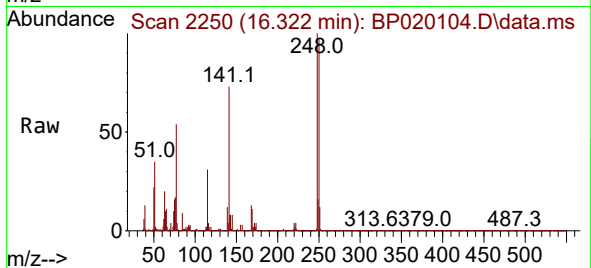




#68
4-Bromophenyl-phenylether
Concen: 21.054 ng/ul
RT: 16.322 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

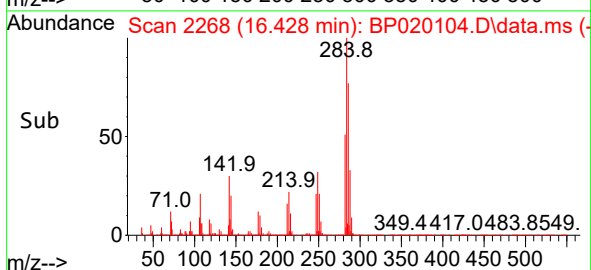
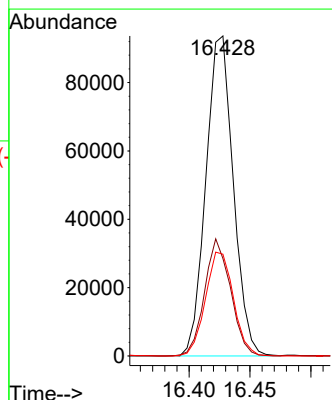
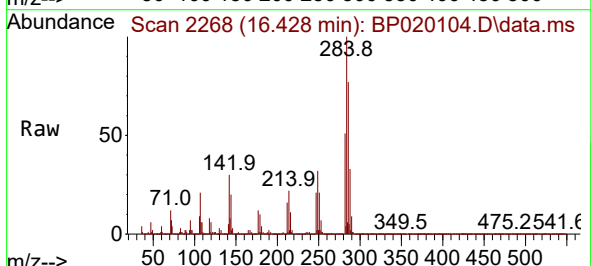
Instrument :
BNA_P
ClientSampleId :
SICV622

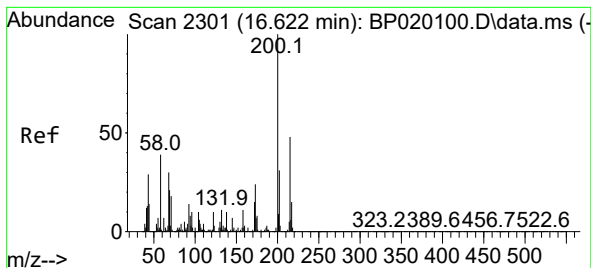
Tgt Ion:248 Resp: 130986
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 73.1 61.4 92.0



#69
Hexachlorobenzene
Concen: 20.852 ng/ul
RT: 16.428 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion:284 Resp: 146894
Ion Ratio Lower Upper
284 100
142 30.4 26.2 39.2
249 31.8 27.0 40.4





#70

Atrazine

Concen: 22.092 ng/ul

RT: 16.622 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

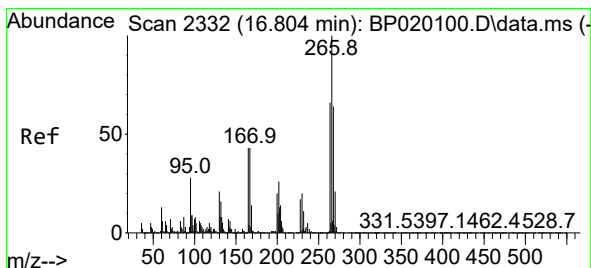
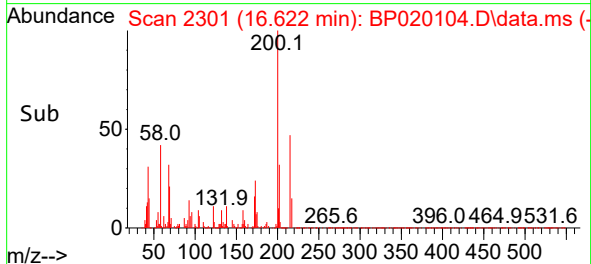
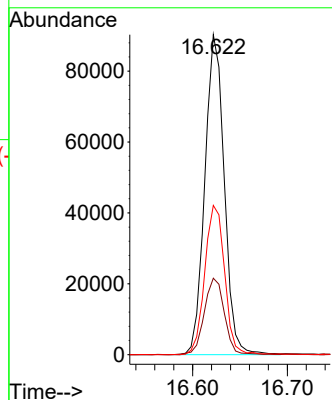
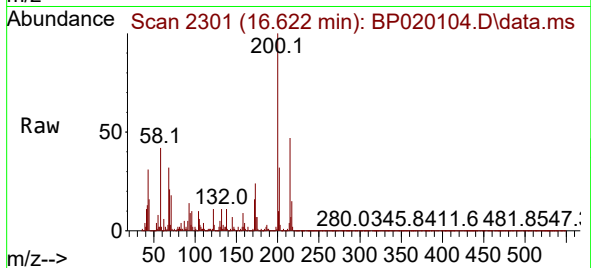
Tgt Ion:200 Resp: 128813

Ion Ratio Lower Upper

200 100

173 23.9 19.1 28.7

215 46.7 38.1 57.1



#71

Pentachlorophenol

Concen: 20.034 ng/ul

RT: 16.798 min Scan# 2331

Delta R.T. -0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

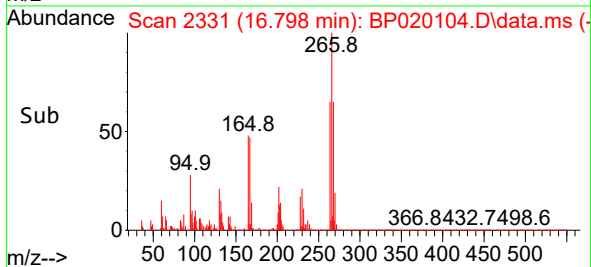
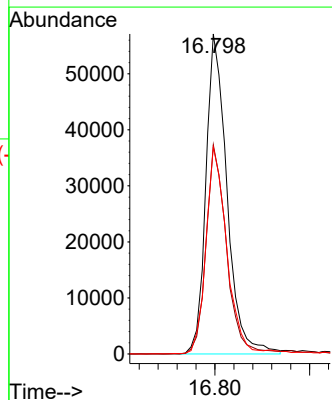
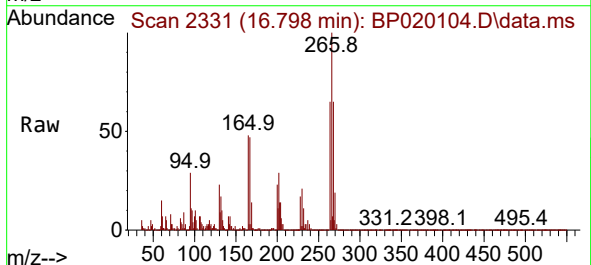
Tgt Ion:266 Resp: 88152

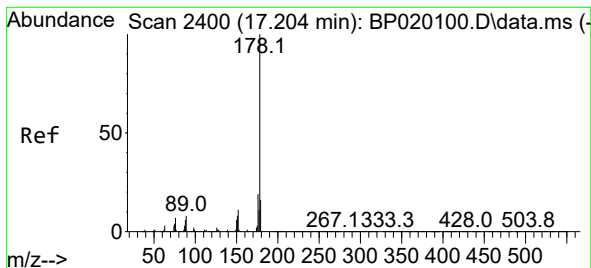
Ion Ratio Lower Upper

266 100

264 65.3 52.8 79.2

268 64.7 51.6 77.4





#72

Phenanthrene

Concen: 20.948 ng/ul

RT: 17.204 min Scan# 2400

Delta R.T. 0.000 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

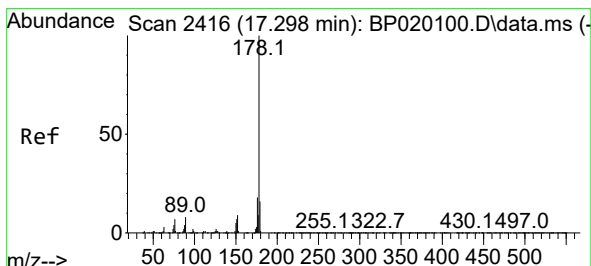
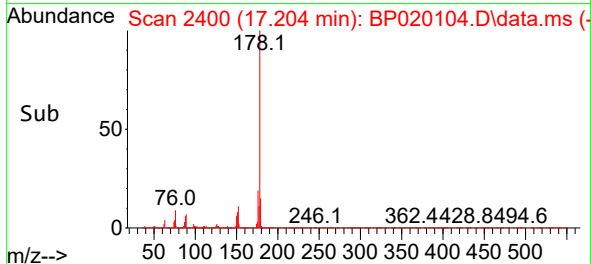
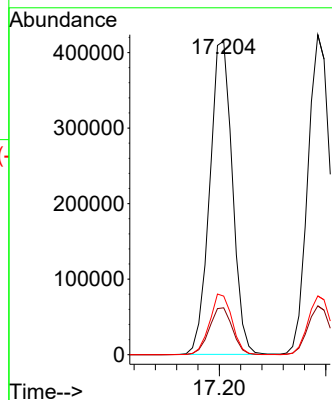
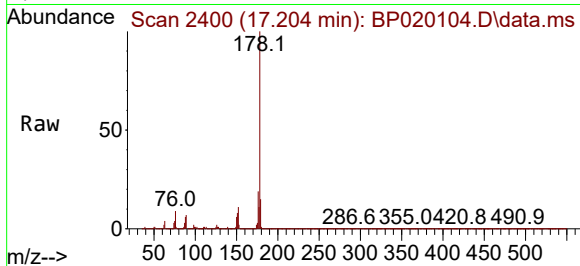
Tgt Ion:178 Resp: 613085

Ion Ratio Lower Upper

178 100

179 14.9 12.6 18.8

176 18.7 15.0 22.4



#74

Anthracene

Concen: 21.399 ng/ul

RT: 17.292 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

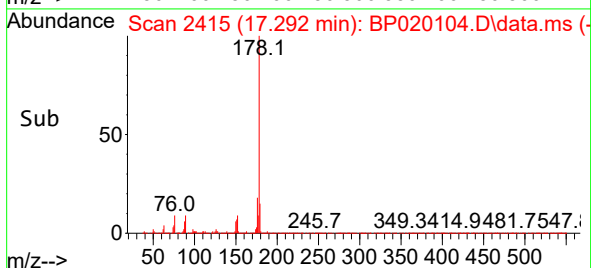
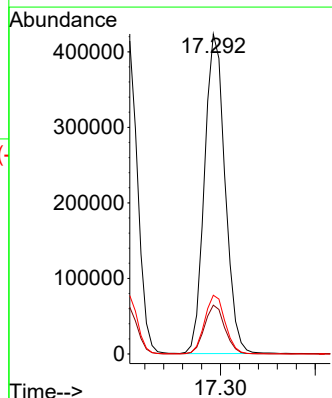
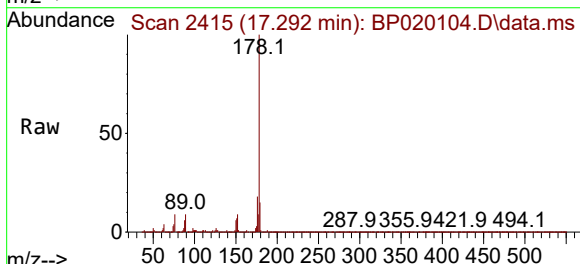
Tgt Ion:178 Resp: 636193

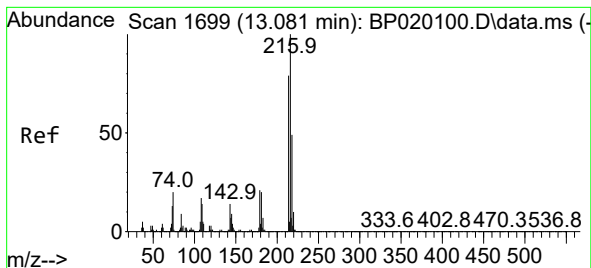
Ion Ratio Lower Upper

178 100

179 15.2 12.6 18.8

176 18.4 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.928 ng/uL

RT: 13.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

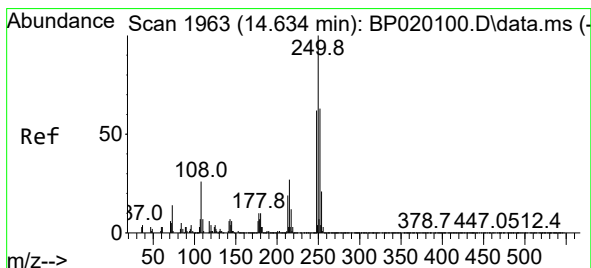
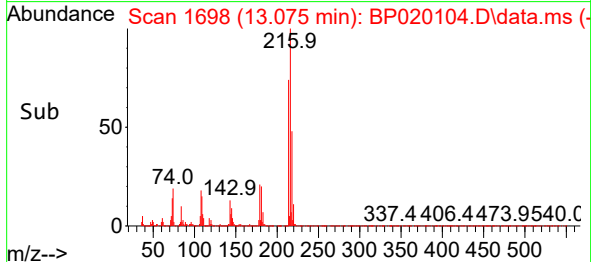
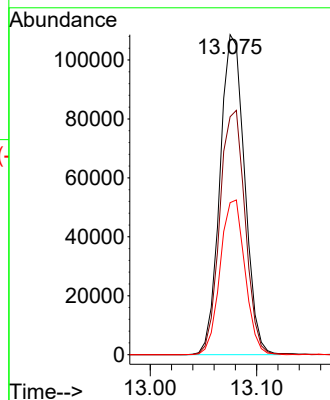
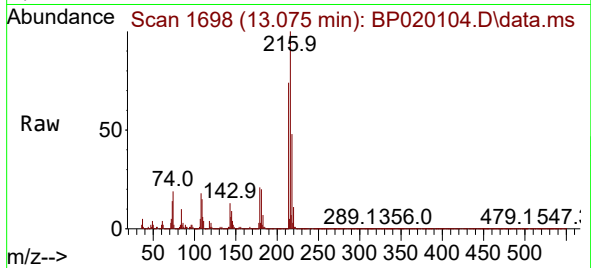
Tgt Ion:216 Resp: 174713

Ion Ratio Lower Upper

216 100

214 74.4 63.0 94.6

218 47.5 38.8 58.2



#76

Pentachlorobenzene

Concen: 20.097 ng/uL

RT: 14.640 min Scan# 1964

Delta R.T. 0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

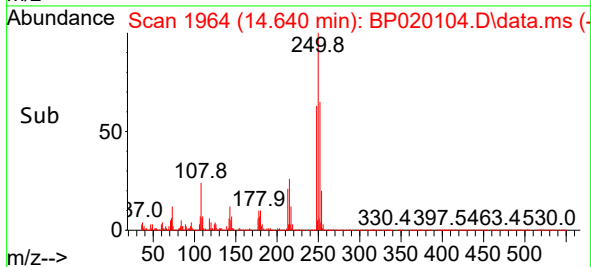
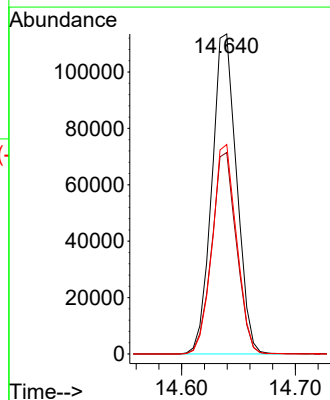
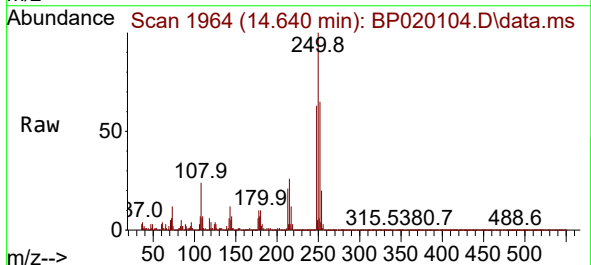
Tgt Ion:250 Resp: 171748

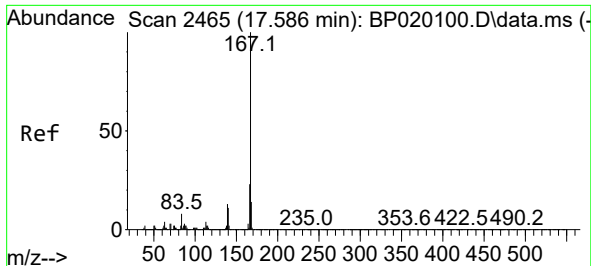
Ion Ratio Lower Upper

250 100

248 63.0 49.5 74.3

252 65.5 50.5 75.7

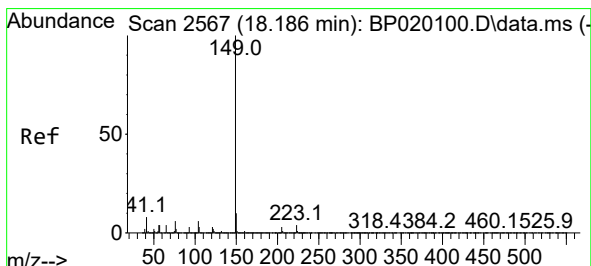
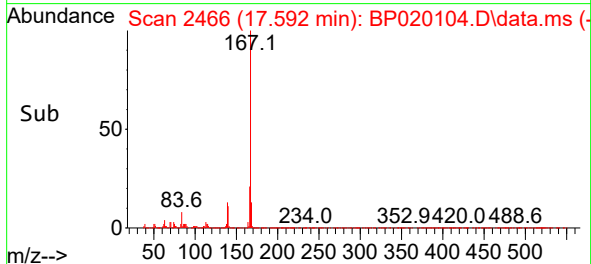
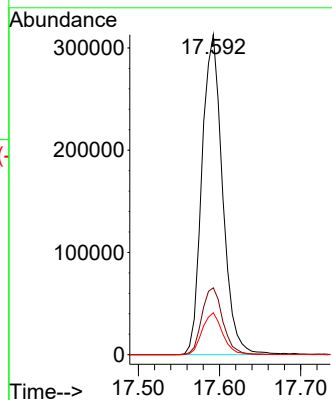
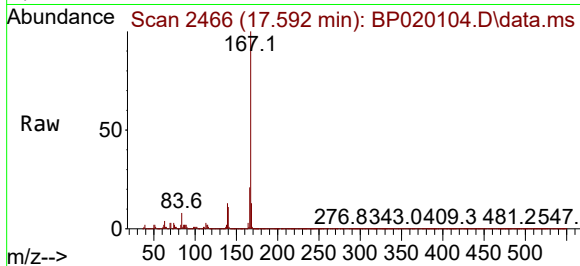




#77
 Carbazole
 Concen: 21.030 ng/ul
 RT: 17.592 min Scan# 2466
 Delta R.T. 0.006 min
 Lab File: BP020104.D
 Acq: 23 Apr 2024 15:53

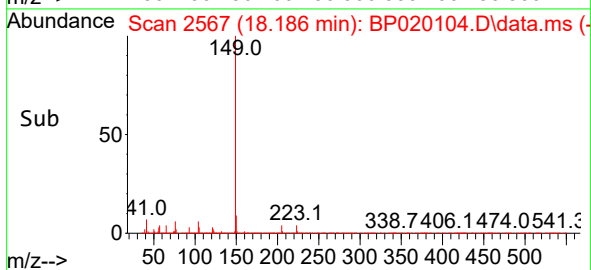
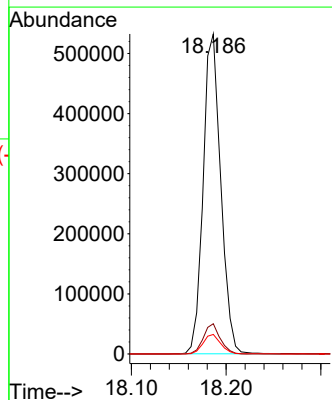
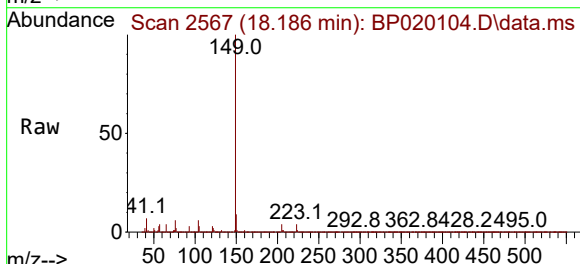
Instrument :
 BNA_P
 ClientSampleId :
 SICV622

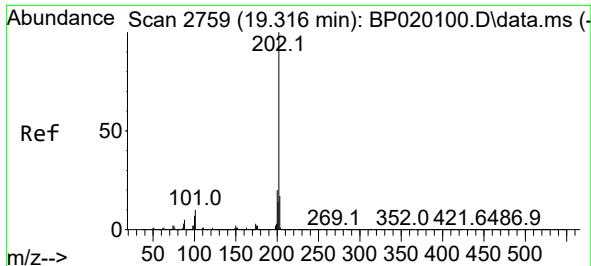
Tgt Ion:167 Resp: 550517
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.0 27.0
 139 13.1 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 21.745 ng/ul
 RT: 18.186 min Scan# 2567
 Delta R.T. 0.000 min
 Lab File: BP020104.D
 Acq: 23 Apr 2024 15:53

Tgt Ion:149 Resp: 688352
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 6.1 4.9 7.3

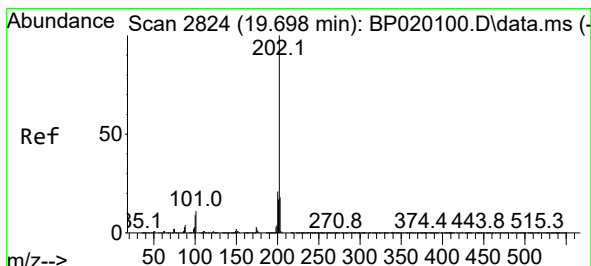
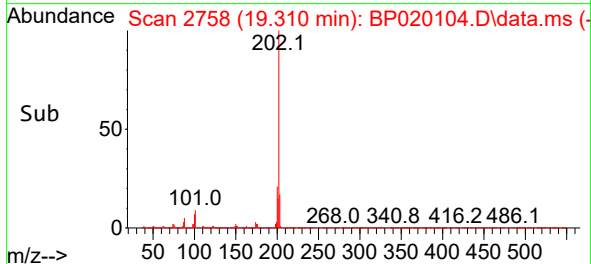
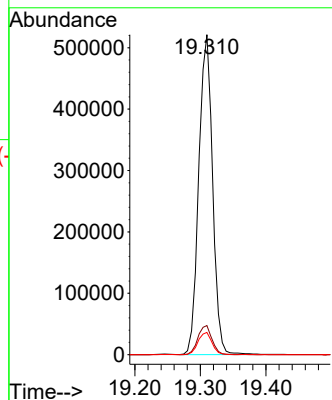
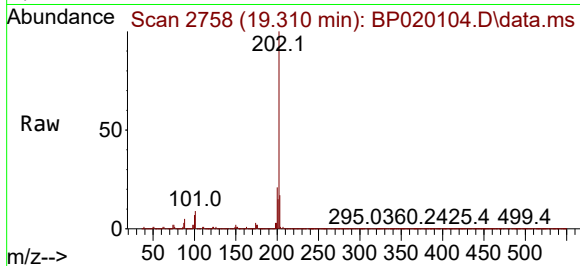




#80
Fluoranthene
Concen: 19.979 ng/ul
RT: 19.310 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

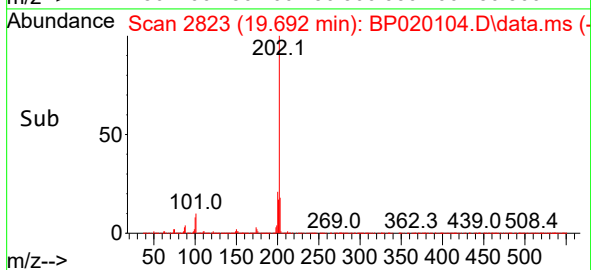
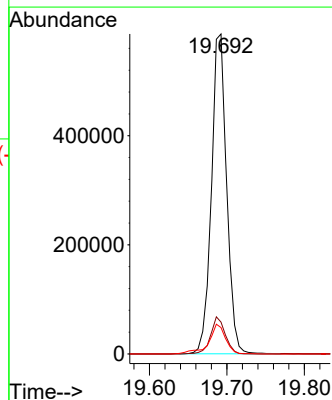
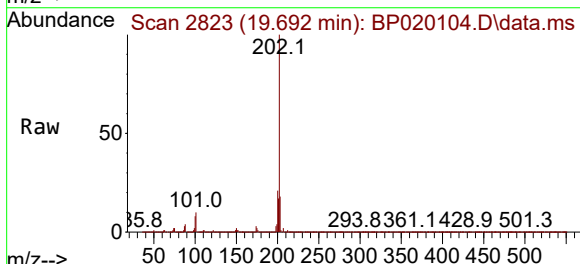
Instrument :
BNA_P
ClientSampleId :
SICV622

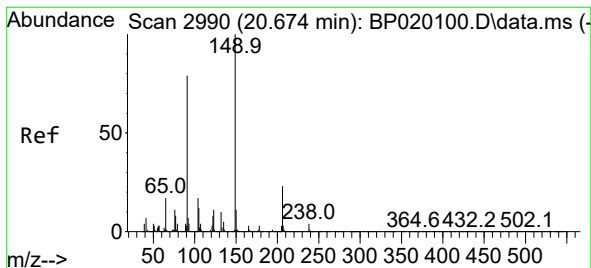
Tgt Ion:202 Resp: 765235
Ion Ratio Lower Upper
202 100
101 9.1 7.7 11.5
100 6.9 5.9 8.9



#82
Pyrene
Concen: 20.112 ng/ul
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP020104.D
Acq: 23 Apr 2024 15:53

Tgt Ion:202 Resp: 802686
Ion Ratio Lower Upper
202 100
101 9.9 9.1 13.7
100 8.3 7.3 10.9





#83

Butylbenzylphthalate

Concen: 19.746 ng/ul

RT: 20.663 min Scan# 2990

Delta R.T. -0.012 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

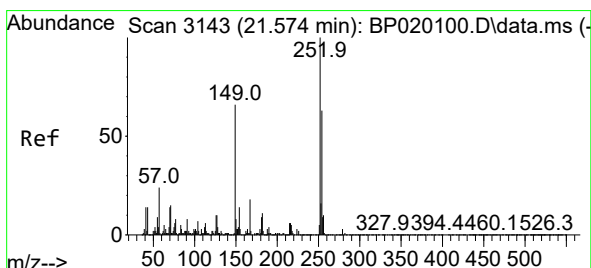
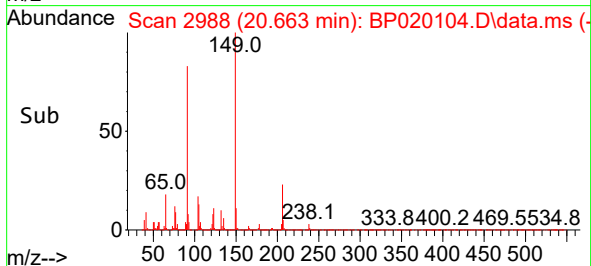
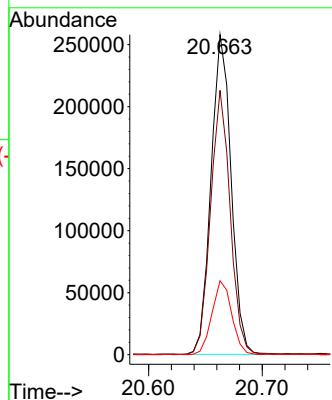
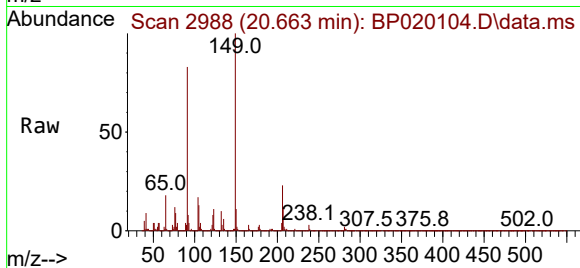
Tgt Ion:149 Resp: 317005

Ion Ratio Lower Upper

149 100

91 82.6 63.3 94.9

206 23.1 18.4 27.6



#84

3,3'-Dichlorobenzidine

Concen: 22.690 ng/ul

RT: 21.575 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

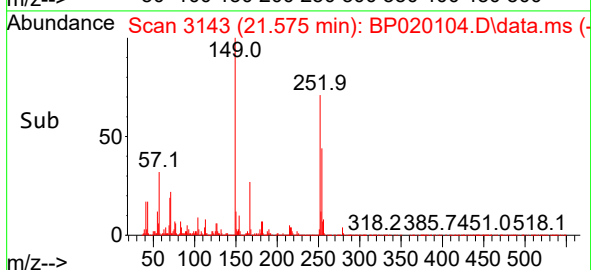
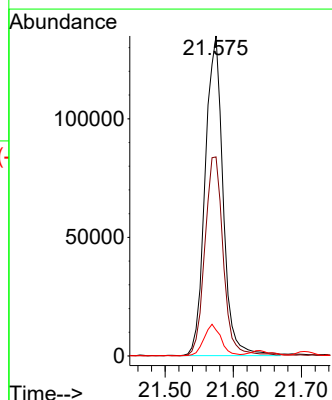
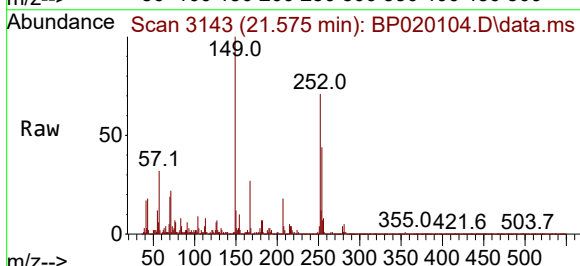
Tgt Ion:252 Resp: 246452

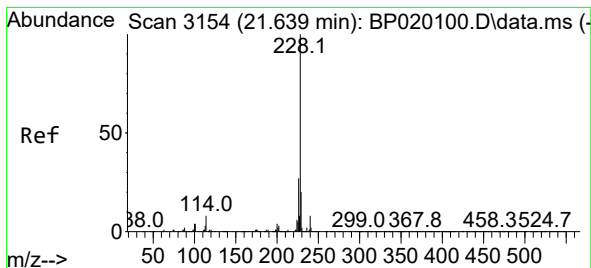
Ion Ratio Lower Upper

252 100

254 62.2 50.6 75.8

126 8.1 7.8 11.6





#85

Benzo(a)anthracene

Concen: 20.779 ng/ul

RT: 21.639 min Scan# 3154

Delta R.T. 0.000 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

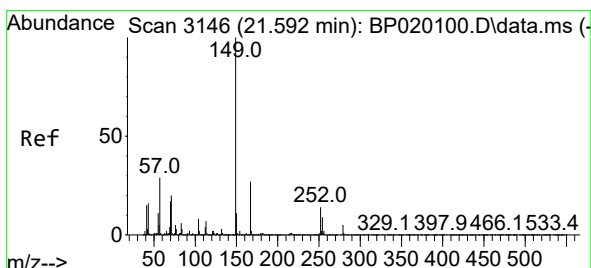
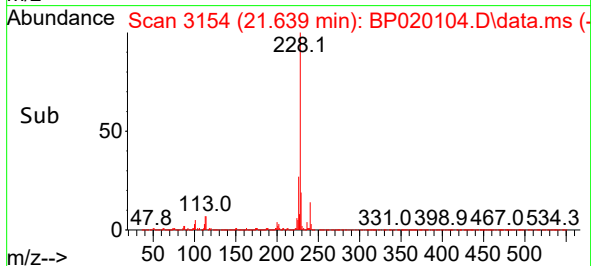
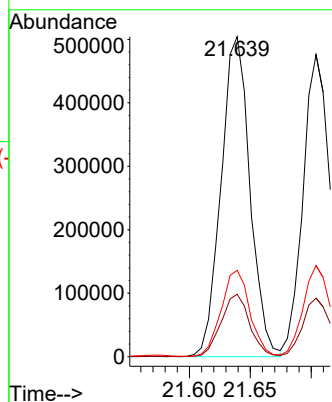
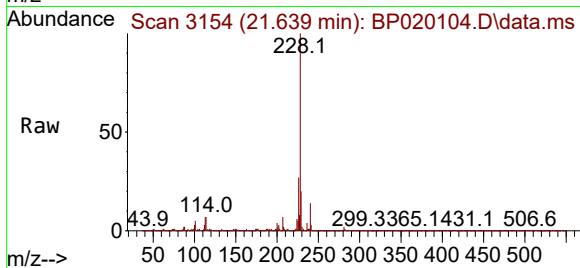
Tgt Ion:228 Resp: 832986

Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.6

226 27.0 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.954 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

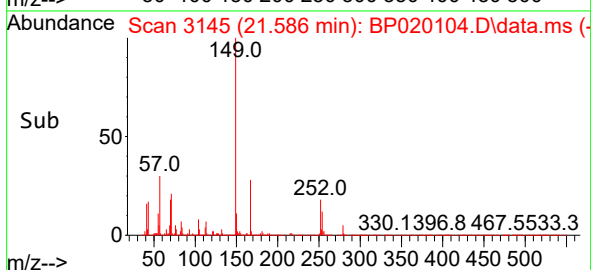
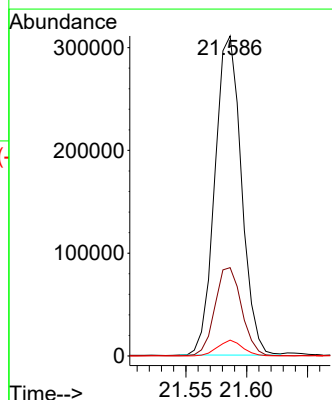
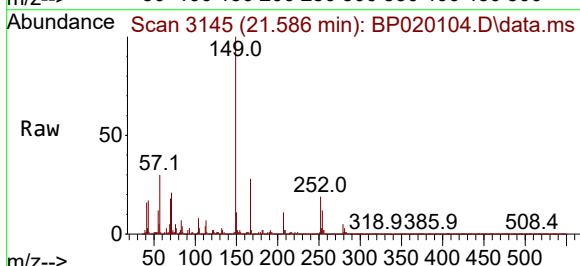
Tgt Ion:149 Resp: 470984

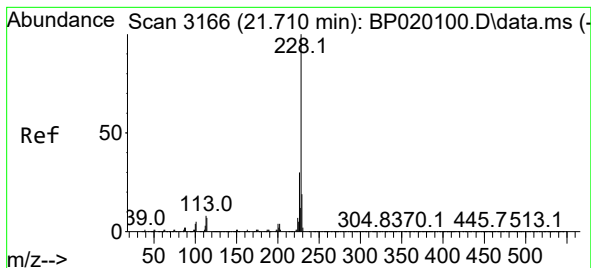
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 4.9 3.8 5.8





#87

Chrysene

Concen: 20.280 ng/ul

RT: 21.704 min Scan# 3166

Delta R.T. -0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

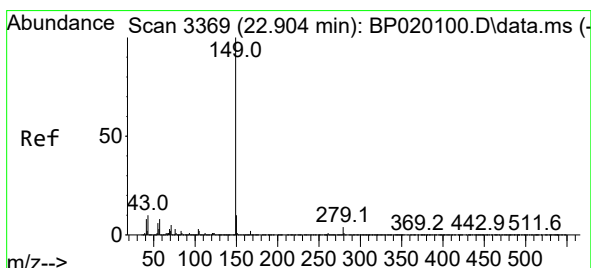
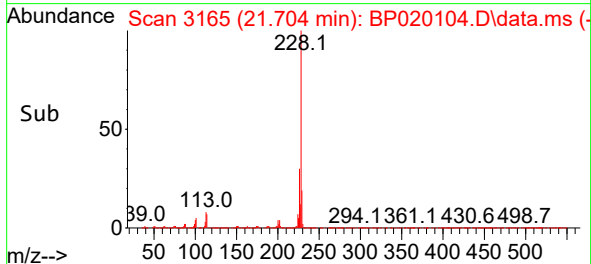
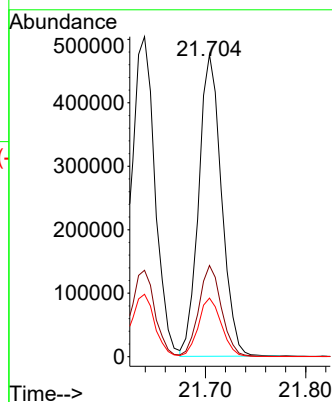
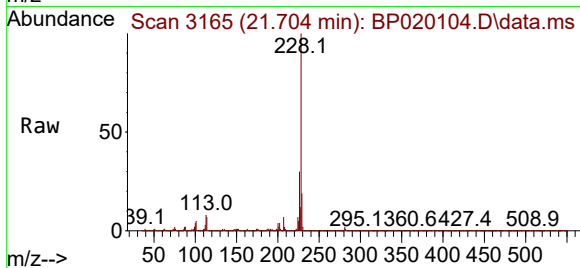
Tgt Ion:228 Resp: 752062

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.4 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 33.259 ng/ul

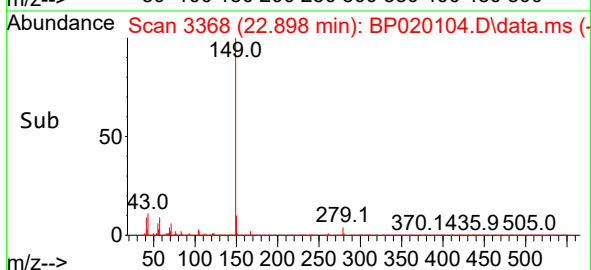
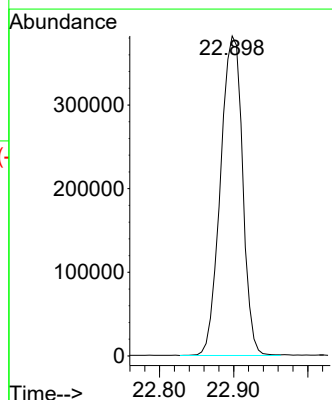
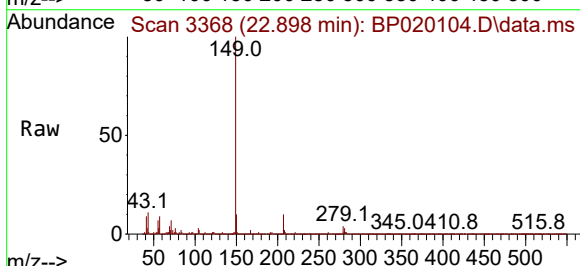
RT: 22.898 min Scan# 3368

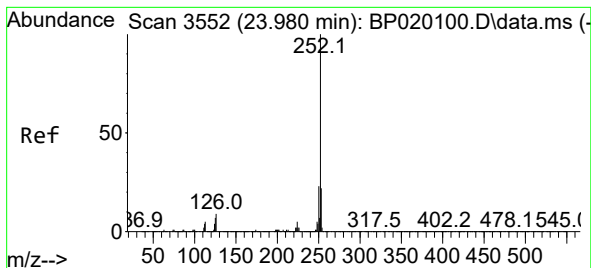
Delta R.T. -0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Tgt Ion:149 Resp: 790025





#90

Benzo(b)fluoranthene

Concen: 33.587 ng/ul

RT: 23.974 min Scan# 3551

Delta R.T. -0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

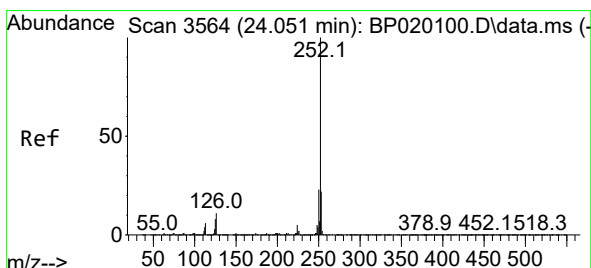
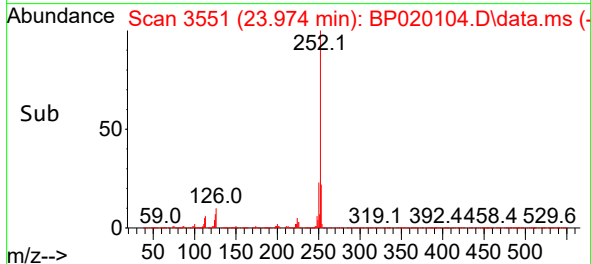
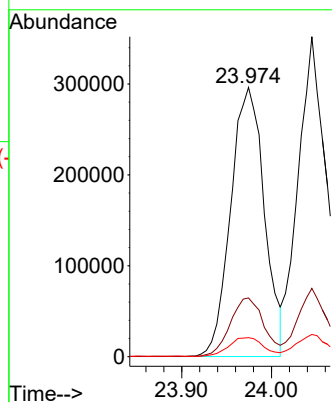
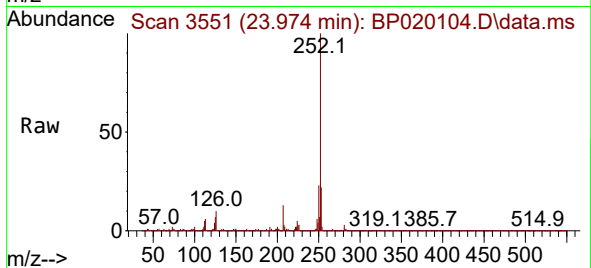
Tgt Ion:252 Resp: 770284

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 7.1 5.7 8.5



#91

Benzo(k)fluoranthene

Concen: 34.375 ng/ul

RT: 24.045 min Scan# 3563

Delta R.T. -0.006 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

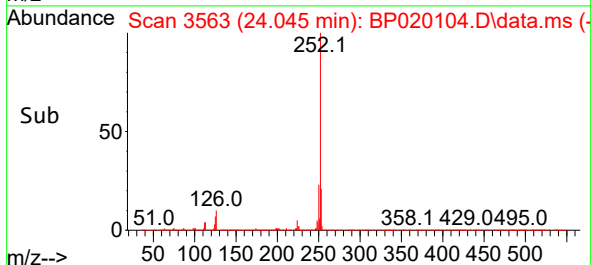
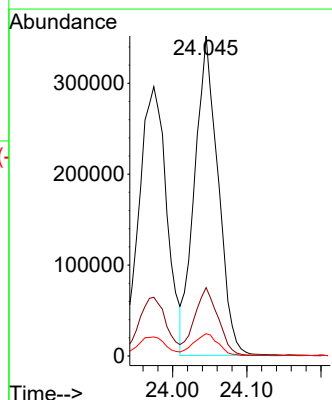
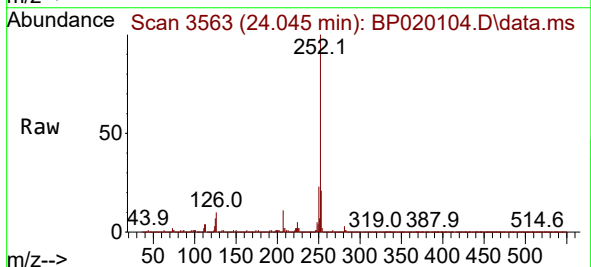
Tgt Ion:252 Resp: 772142

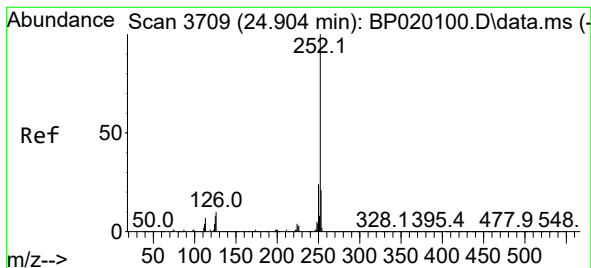
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 6.9 6.2 9.4





#93

Benzo(a)pyrene

Concen: 33.741 ng/ul

RT: 24.892 min Scan# 3707

Delta R.T. -0.012 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

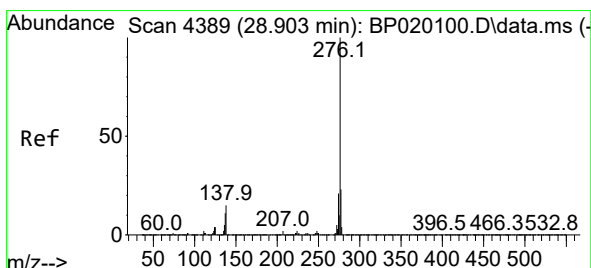
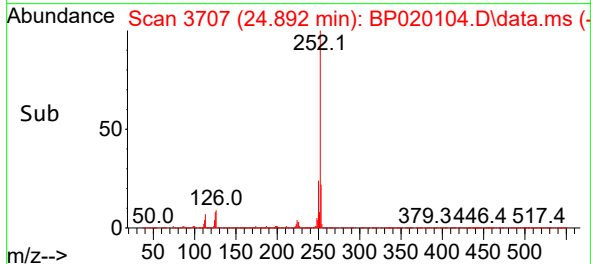
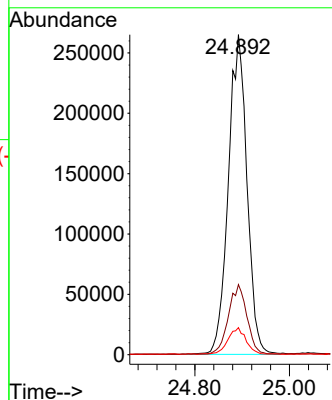
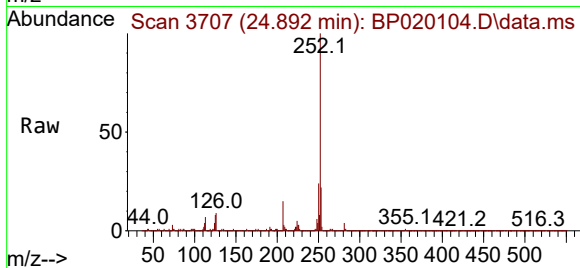
Tgt Ion:252 Resp: 723350

Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

125 8.5 6.5 9.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.077 ng/ul

RT: 28.904 min Scan# 4389

Delta R.T. 0.000 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

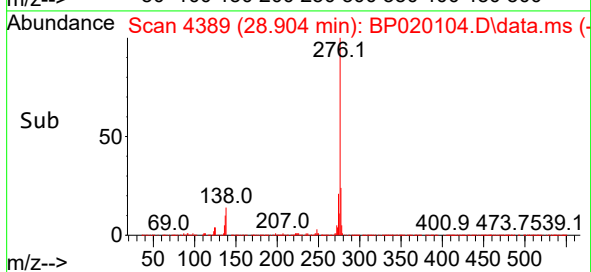
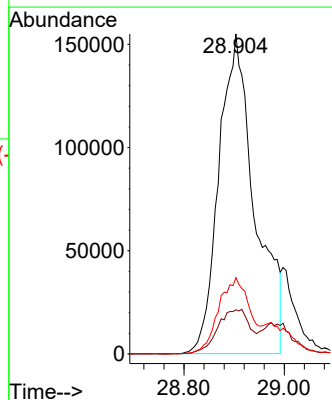
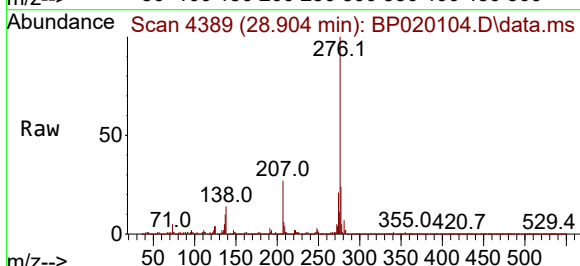
Tgt Ion:276 Resp: 770552

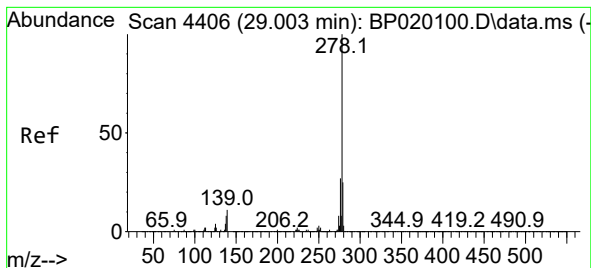
Ion Ratio Lower Upper

276 100

138 13.8 11.7 17.5

277 23.8 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 19.801 ng/ul

RT: 28.986 min Scan# 4403

Delta R.T. -0.018 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Instrument :

BNA_P

ClientSampleId :

SICV622

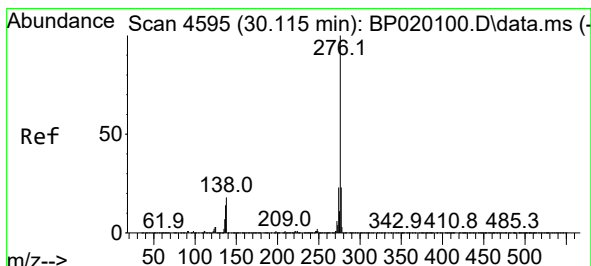
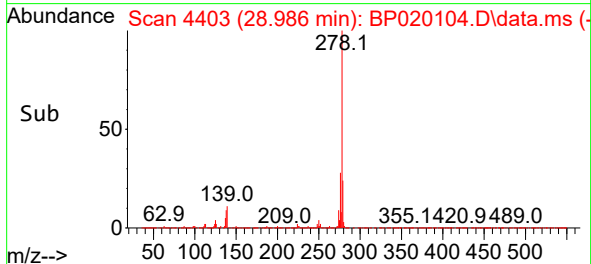
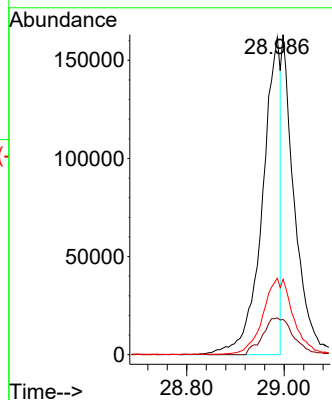
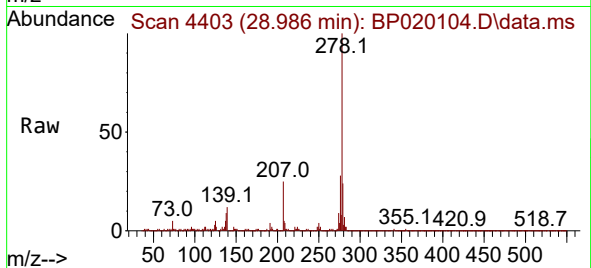
Tgt Ion:278 Resp: 417277

Ion Ratio Lower Upper

278 100

139 11.6 8.8 13.2

279 24.1 20.3 30.5



#96

Benzo(g,h,i)perylene

Concen: 21.842 ng/ul

RT: 30.098 min Scan# 4592

Delta R.T. -0.018 min

Lab File: BP020104.D

Acq: 23 Apr 2024 15:53

Tgt Ion:276 Resp: 443503

Ion Ratio Lower Upper

276 100

138 14.6 14.2 21.4

277 24.0 18.7 28.1

