

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018353.D
 Acq On : 25 Nov 2023 06:19
 Operator : MA/JU
 Sample : PB157273BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 26 23:57:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	437264	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	1714651	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	915338	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1524945	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1255506	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	1550273	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	69587	5.961	ng/uL	0.00
4) Pyridine-d5	3.687	84	937901	29.233	ng/u1	0.00
7) Phenol-d5	7.034	99	1266049	31.682	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	740641	30.994	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	1048473	31.249	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	974353	30.213	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	480568	34.506	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	452491	35.180	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	984622	31.730	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	1247463	29.807	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	2458494	30.185	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	2967056	31.971	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	319558	28.421	ng/u1	0.00
60) Fluorene-d10	15.492	176	2044430	30.010	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	227893	35.106	ng/u1	0.00
73) Anthracene-d10	17.345	188	2569750	31.528	ng/u1	0.00
81) Pyrene-d10	19.586	212	2655865	26.579	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.627	264	2997304	33.349	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	150652	12.034	ng/uL#	93
5) Pyridine	3.705	79	980905	30.344	ng/u1	97
6) Benzaldehyde	7.005	77	703290	33.257	ng/u1	98
8) Phenol	7.057	94	1291482	32.947	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.299	93	1074602	32.911	ng/u1	99
12) 2-Chlorophenol	7.428	128	1078044	32.027	ng/u1	97
13) 2-Methylphenol	8.310	108	972864	31.863	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1383493	29.808	ng/u1	97
16) Acetophenone	8.693	105	1544012	31.288	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.687	70	714090	25.904	ng/u1	96
18) 4-Methylphenol	8.646	108	1028400	31.541	ng/u1	98
19) Hexachloroethane	8.951	117	446198	31.741	ng/u1	97
22) Nitrobenzene	9.075	77	1083077	33.195	ng/u1	96
23) Isophorone	9.599	82	2067334	28.428	ng/u1	99
25) 2-Nitrophenol	9.781	139	525358	36.303	ng/u1	95
26) 2,4-Dimethylphenol	9.846	107	805366	24.787	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	1362075	31.013	ng/u1	100
29) 2,4-Dichlorophenol	10.316	162	979195	32.943	ng/u1	98
30) Naphthalene	10.722	128	3343469	32.240	ng/u1	100
32) 4-Chloroaniline	10.828	127	1145720	29.010	ng/u1	99
33) Hexachlorobutadiene	11.010	225	702532	34.654	ng/u1	98
34) Caprolactam	11.598	113	252621	29.492	ng/u1	90
35) 4-Chloro-3-methylphenol	11.951	107	889454	27.987	ng/u1	97
36) 2-Methylnaphthalene	12.328	142	2226689	30.339	ng/u1	99

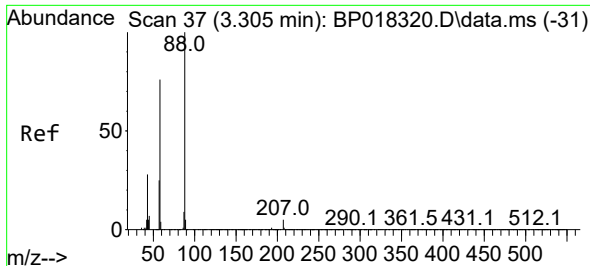
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	2158267	29.214	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.692	216	1225143	37.897	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	574122	31.356	ng/ul	100
41) 2,4,6-Trichlorophenol	12.934	196	695353	35.816	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	732326	34.883	ng/ul	98
43) 1,1'-Biphenyl	13.339	154	2800493	35.115	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	2222054	35.203	ng/ul	99
45) 2-Nitroaniline	13.581	65	449460	33.093	ng/ul	92
47) Dimethylphthalate	13.963	163	2506768	31.456	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	459785	34.221	ng/ul	92
50) Acenaphthylene	14.222	152	3407684	32.942	ng/ul	99
51) 3-Nitroaniline	14.404	138	425440	31.870	ng/ul#	95
52) Acenaphthene	14.563	153	2225925	32.939	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	143323	30.576	ng/ul	97
55) 4-Nitrophenol	14.704	109	236852	28.433	ng/ul	98
56) Dibenzofuran	14.898	168	2984100	32.300	ng/ul	98
57) 2,4-Dinitrotoluene	14.863	165	593620	32.695	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.122	232	511913	31.049	ng/ul	98
59) Diethylphthalate	15.334	149	2260542	28.238	ng/ul	99
61) Fluorene	15.551	166	2303408	30.573	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	1206666	31.540	ng/ul	99
63) 4-Nitroaniline	15.569	138	387342	30.745	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.622	198	260942	36.244	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	1867198	36.107	ng/ul	100
68) 4-Bromophenyl-phenylether	16.445	248	652487	33.889	ng/ul	96
69) Hexachlorobenzene	16.551	284	787510	36.587	ng/ul	94
70) Atrazine	16.716	200	467575	29.618	ng/ul	98
71) Pentachlorophenol	16.892	266	369251	33.387	ng/ul	99
72) Phenanthrene	17.292	178	3156226	34.027	ng/ul	99
74) Anthracene	17.386	178	3088540	32.988	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	1199085	45.746	ng/ul	99
76) Pentachlorobenzene	14.816	250	1070072	42.026	ng/ul	99
77) Carbazole	17.651	167	2572570	33.915	ng/ul	99
78) Di-n-butylphthalate	18.222	149	3011025	28.538	ng/ul	100
80) Fluoranthene	19.263	202	3207608	26.871	ng/ul	99
82) Pyrene	19.616	202	3322063	27.637	ng/ul	99
83) Butylbenzylphthalate	20.510	149	1129631	25.394	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	1054796	34.736	ng/ul	100
85) Benzo(a)anthracene	21.339	228	3415581	33.381	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1774162	26.583	ng/ul	99
87) Chrysene	21.392	228	3194361	34.307	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2974850	26.065	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	3722464	33.058	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	3675023	32.784	ng/ul	99
93) Benzo(a)pyrene	23.680	252	3556031	34.339	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.362	276	4526137	37.800	ng/ul	98
95) Dibenzo(a,h)anthracene	26.404	278	3762764	38.385	ng/ul	98
96) Benzo(g,h,i)perylene	27.151	276	3729871	38.463	ng/ul	98

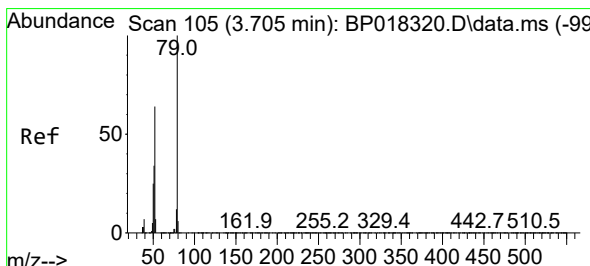
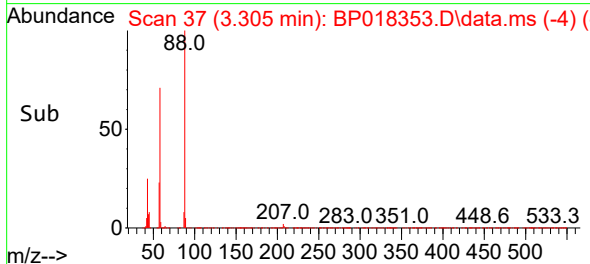
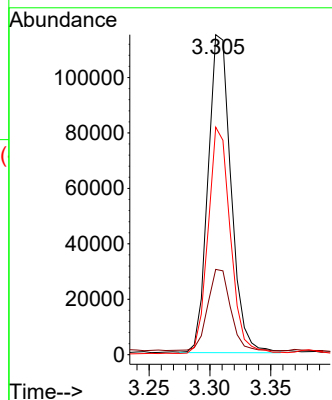
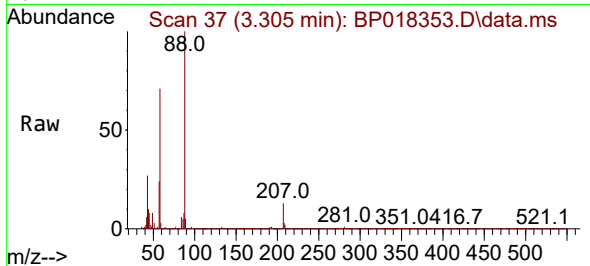
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#2
1,4-Dioxane
Concen: 12.034 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP018353.D
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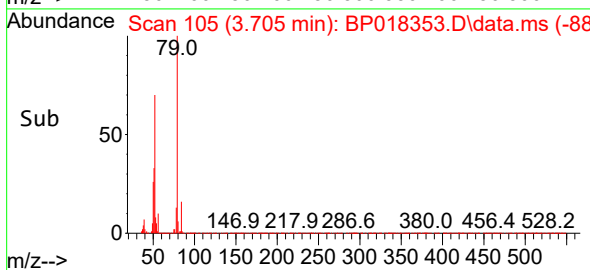
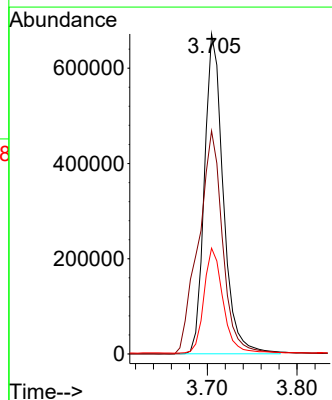
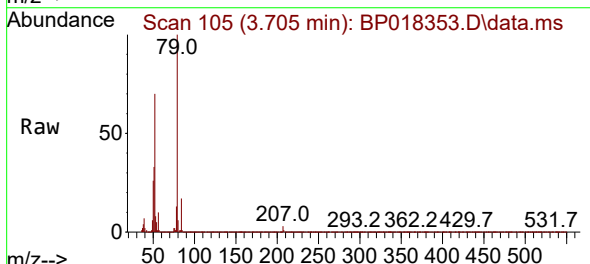
Instrument :
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ClientSampleId :

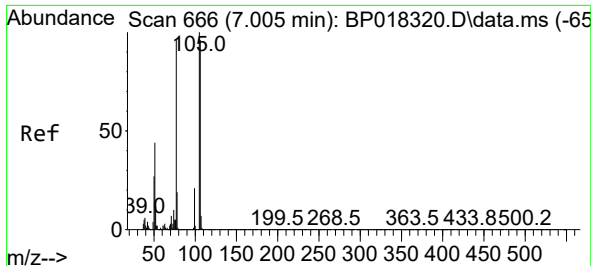
Tgt Ion: 88 Resp: 150652
Ion Ratio Lower Upper
88 100
43 26.6 26.9 40.3#
58 71.1 59.6 89.4



#5
Pyridine
Concen: 30.344 ng/uL
RT: 3.705 min Scan# 105
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion: 79 Resp: 980905
Ion Ratio Lower Upper
79 100
52 69.7 57.7 86.5
51 33.1 27.8 41.8

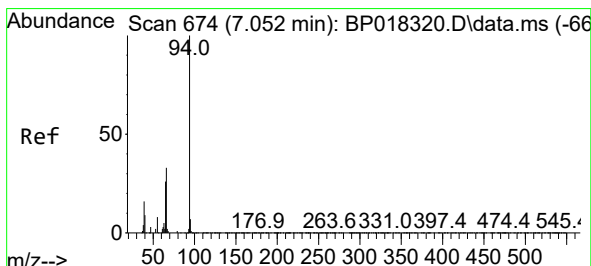
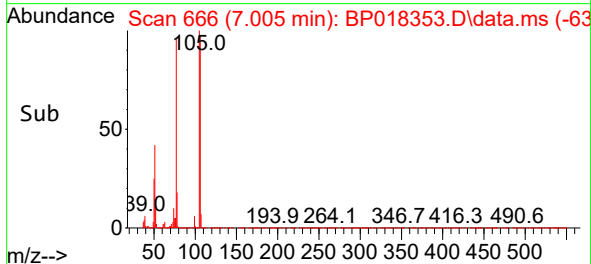
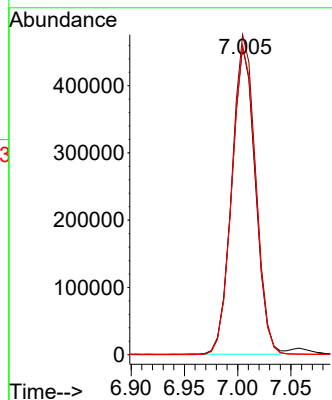
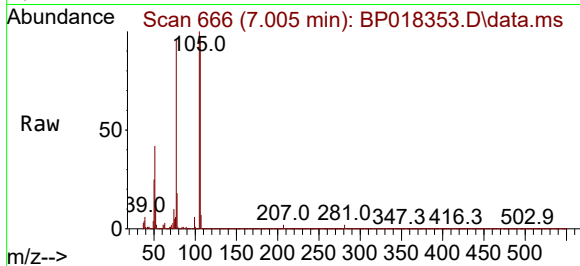




#6
Benzaldehyde
Concen: 33.257 ng/ul
RT: 7.005 min Scan# 604
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

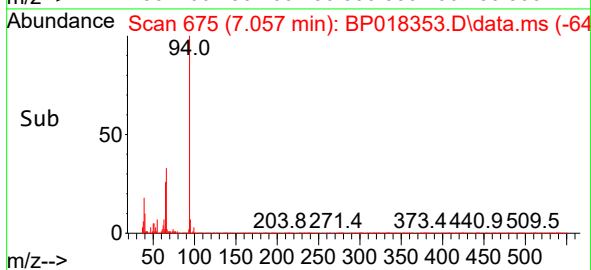
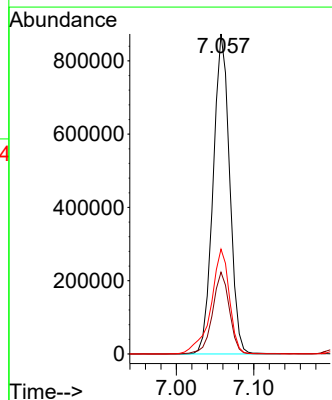
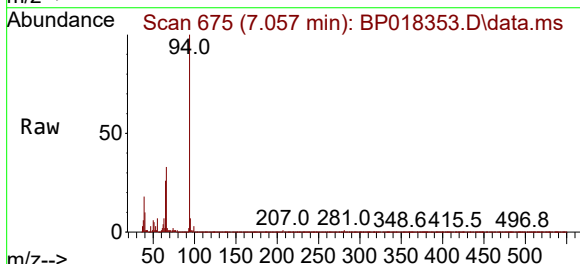
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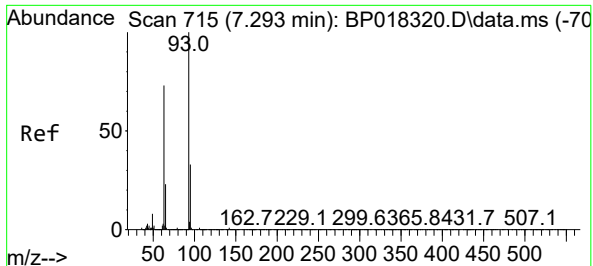
Tgt Ion: 77 Resp: 703290
Ion Ratio Lower Upper
77 100
105 103.7 81.5 122.3
106 100.2 77.9 116.9



#8
Phenol
Concen: 32.947 ng/ul
RT: 7.057 min Scan# 675
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion: 94 Resp: 1291482
Ion Ratio Lower Upper
94 100
65 25.5 21.2 31.8
66 32.8 28.0 42.0





#10

Bis(2-Chloroethyl)ether

Concen: 32.911 ng/ul

RT: 7.299 min Scan# 715

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

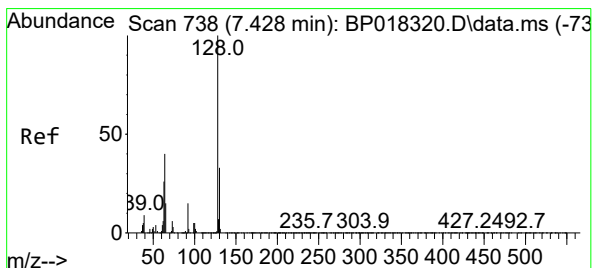
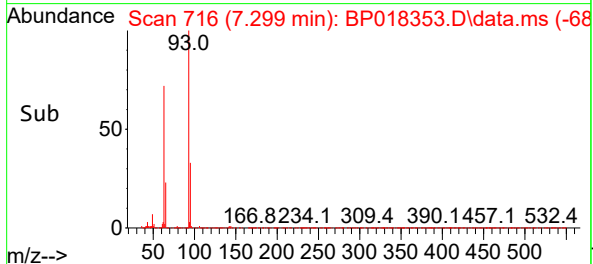
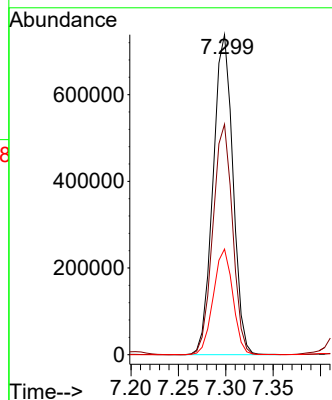
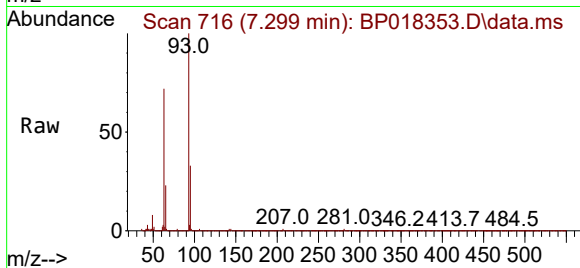
Tgt Ion: 93 Resp: 1074602

Ion Ratio Lower Upper

93 100

63 72.0 58.2 87.4

95 33.0 25.6 38.4



#12

2-Chlorophenol

Concen: 32.027 ng/ul

RT: 7.428 min Scan# 738

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

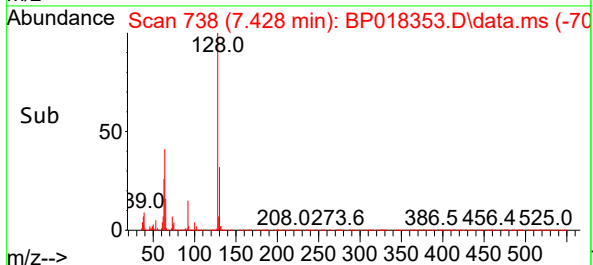
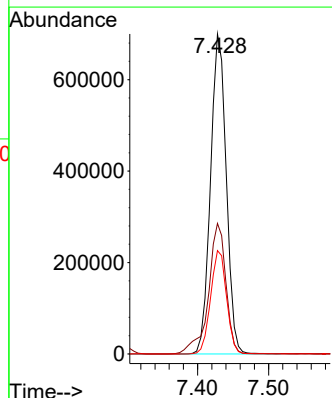
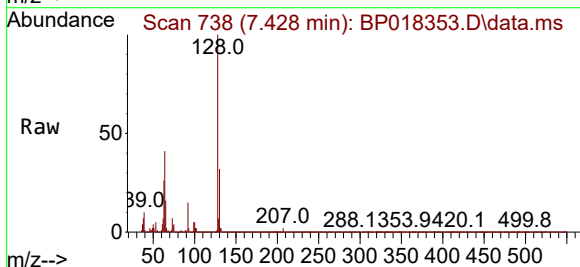
Tgt Ion:128 Resp: 1078044

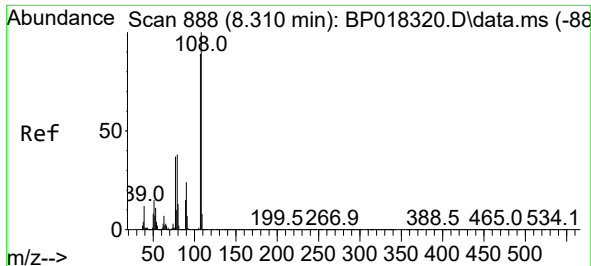
Ion Ratio Lower Upper

128 100

64 40.8 34.8 52.2

130 32.3 25.5 38.3





#13

2-Methylphenol

Concen: 31.863 ng/ul

RT: 8.310 min Scan# 888

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

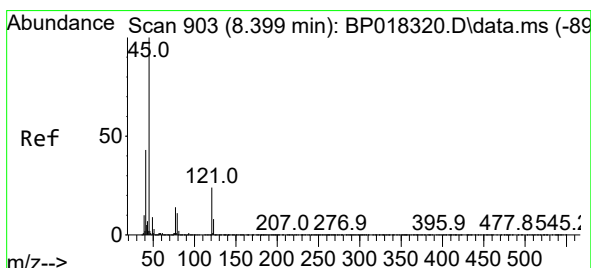
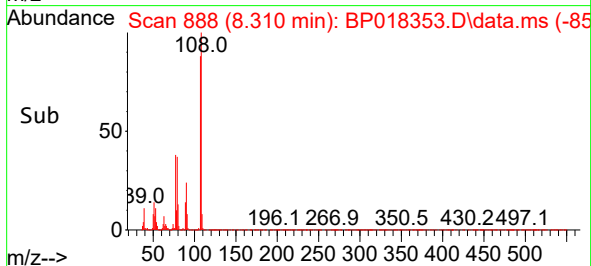
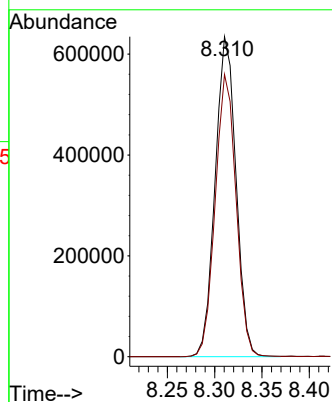
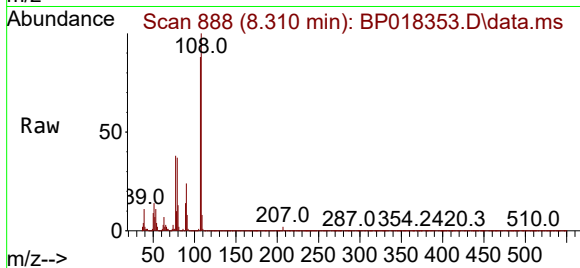
ClientSampleId :

Tgt Ion:108 Resp: 972864

Ion Ratio Lower Upper

108 100

107 88.2 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.808 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. -0.006 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

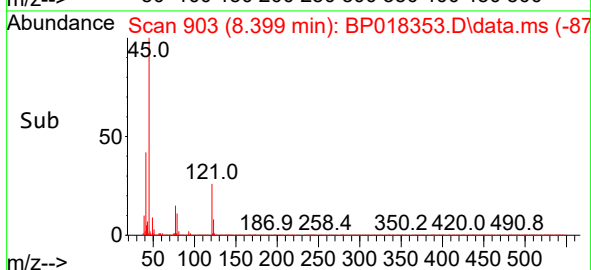
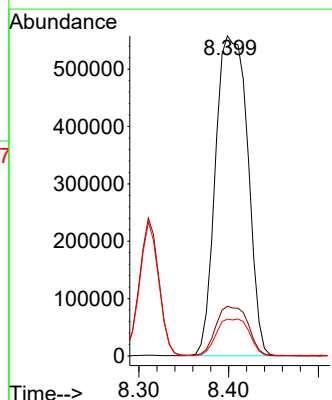
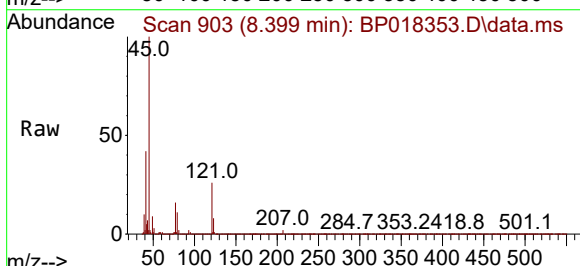
Tgt Ion: 45 Resp: 1383493

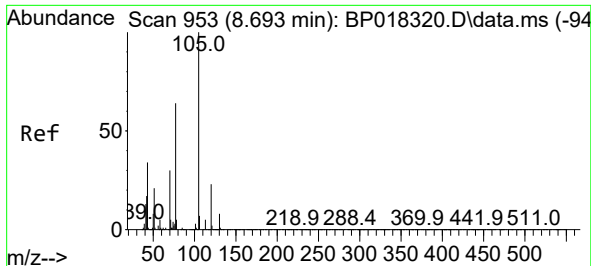
Ion Ratio Lower Upper

45 100

77 15.6 11.4 17.2

79 11.5 8.4 12.6

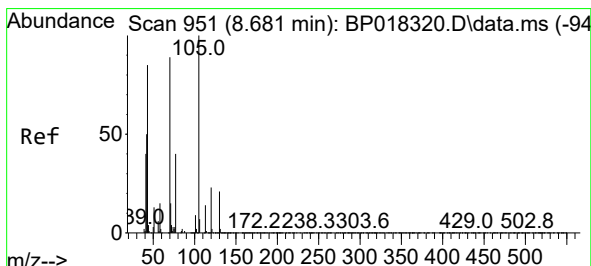
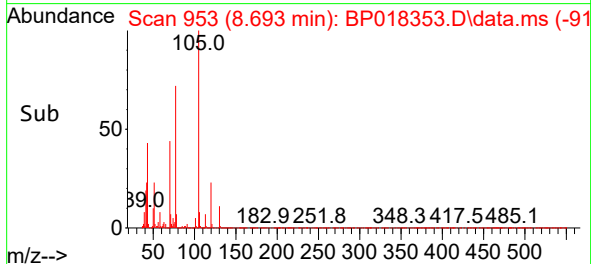
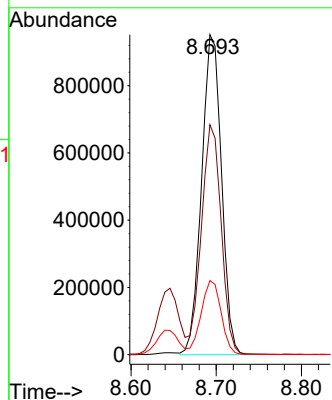
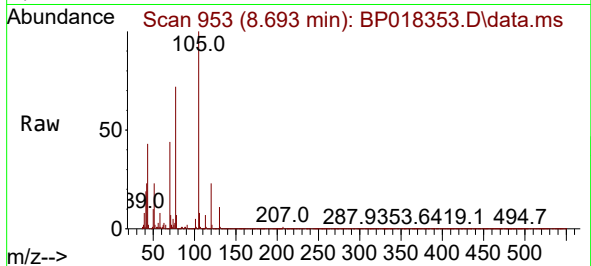




#16
Acetophenone
Concen: 31.288 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP018353.D
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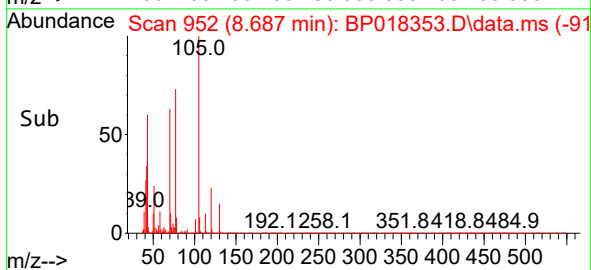
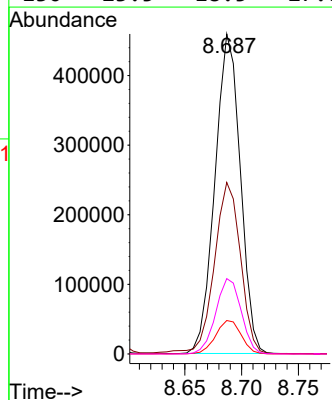
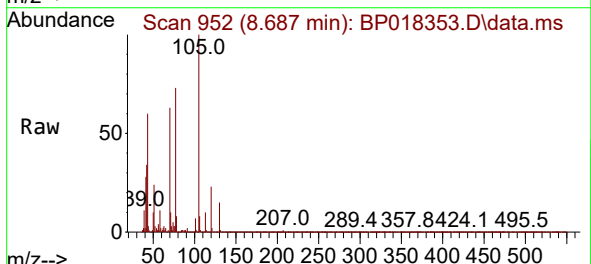
Instrument :
BNA_P
ClientSampleId :

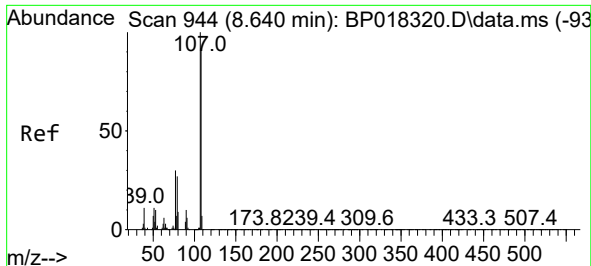
Tgt Ion:105 Resp: 1544012
Ion Ratio Lower Upper
105 100
77 71.9 59.5 89.3
51 23.1 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 25.904 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion: 70 Resp: 714090
Ion Ratio Lower Upper
70 100
42 53.6 46.8 70.2
101 10.5 8.4 12.6
130 23.5 18.5 27.7

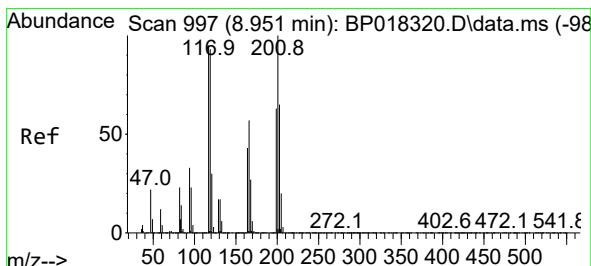
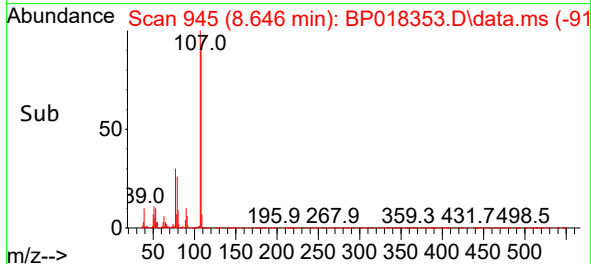
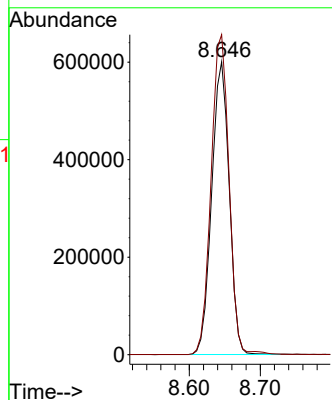
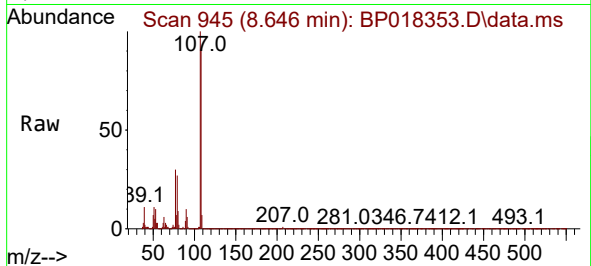




#18
4-Methylphenol
Concen: 31.541 ng/ul
RT: 8.646 min Scan# 944
Delta R.T. 0.006 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

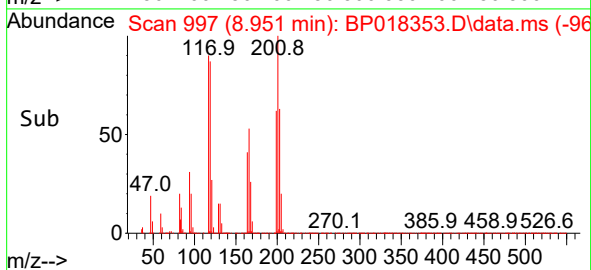
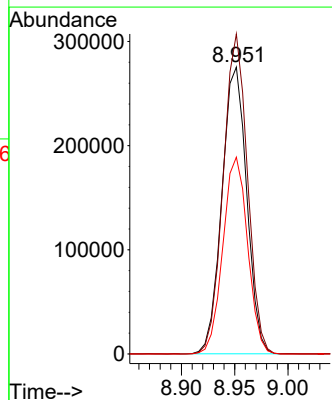
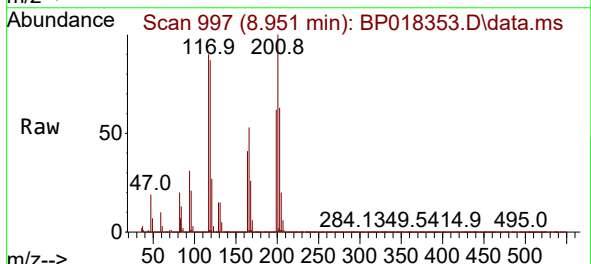
Instrument :
BNA_P
ClientSampleId :

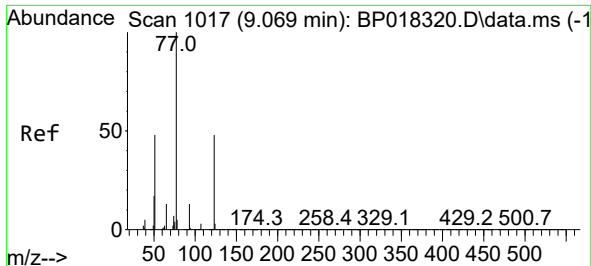
Tgt Ion:108 Resp: 1028400
Ion Ratio Lower Upper
108 100
107 109.3 89.5 134.3



#19
Hexachloroethane
Concen: 31.741 ng/ul
RT: 8.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:117 Resp: 446198
Ion Ratio Lower Upper
117 100
201 111.6 85.6 128.4
199 68.6 54.2 81.4

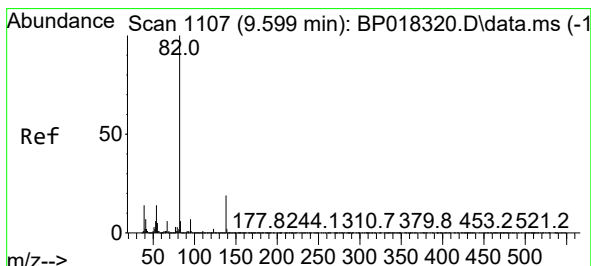
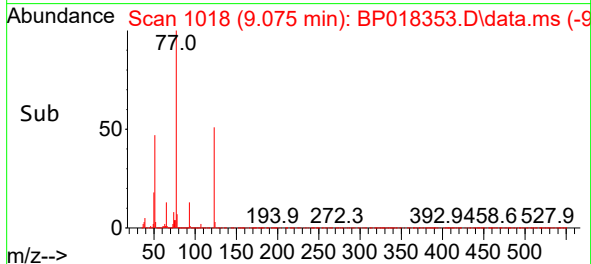
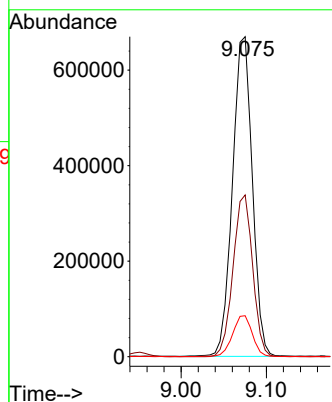
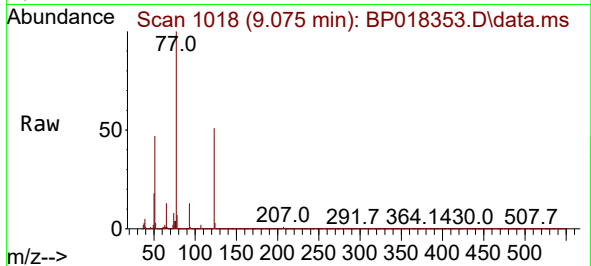




#22
Nitrobenzene
Concen: 33.195 ng/ul
RT: 9.075 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

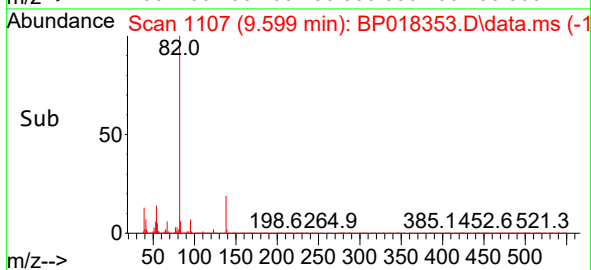
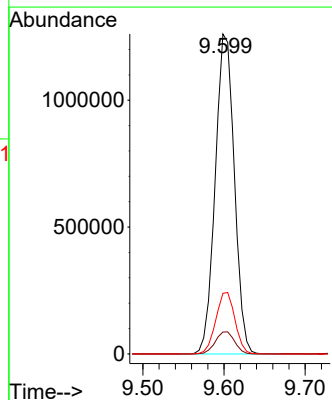
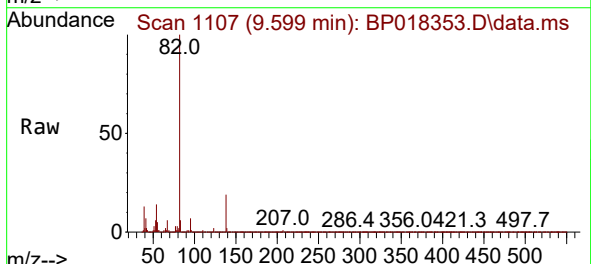
Instrument :
BNA_P
ClientSampleId :

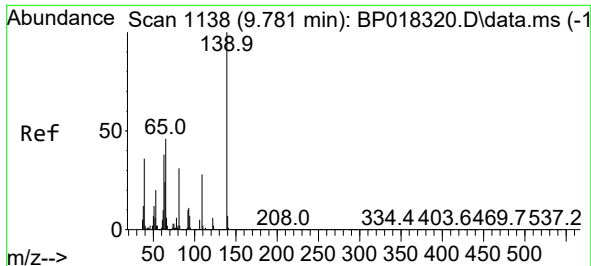
Tgt Ion: 77 Resp: 1083077
Ion Ratio Lower Upper
77 100
123 50.5 37.7 56.5
65 12.8 10.5 15.7



#23
Isophorone
Concen: 28.428 ng/ul
RT: 9.599 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion: 82 Resp: 2067334
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 19.0 14.9 22.3

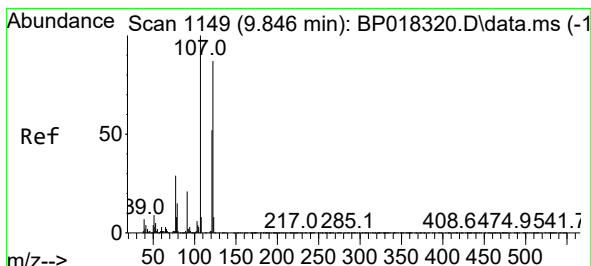
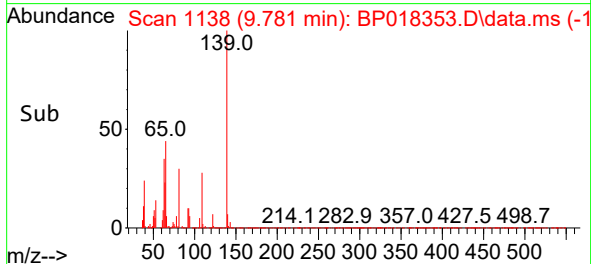
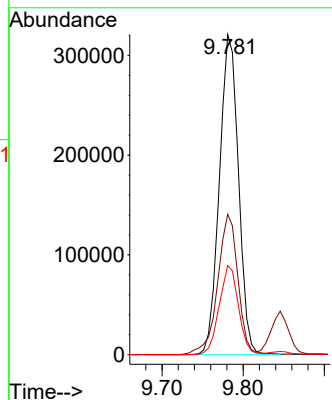
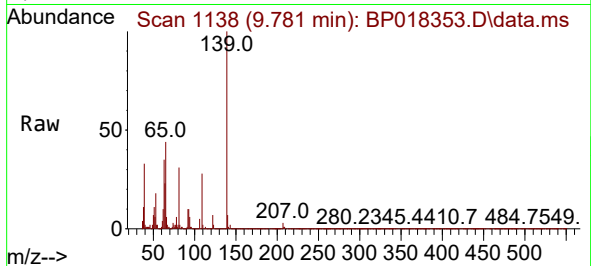




#25
2-Nitrophenol
Concen: 36.303 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

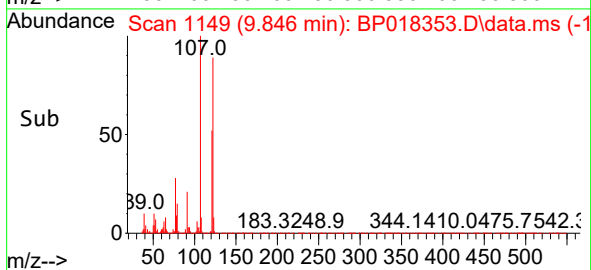
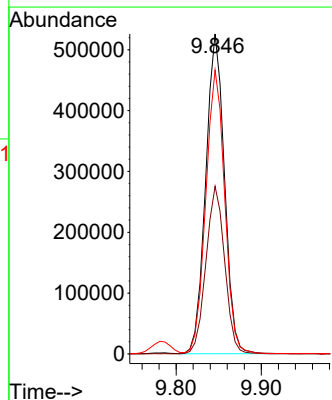
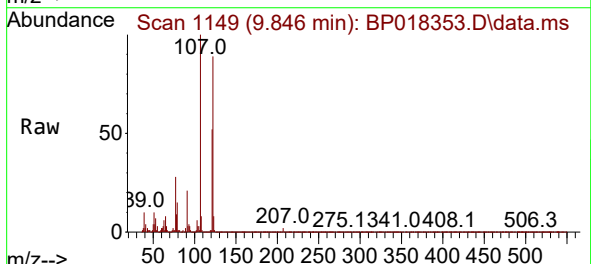
Instrument :
BNA_P
ClientSampleId :

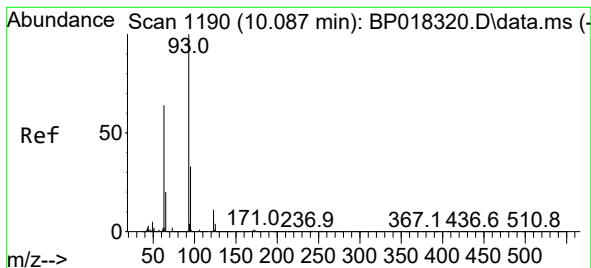
Tgt Ion:139 Resp: 525358
Ion Ratio Lower Upper
139 100
65 43.9 38.3 57.5
109 27.9 23.4 35.0



#26
2,4-Dimethylphenol
Concen: 24.787 ng/ul
RT: 9.846 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:107 Resp: 805366
Ion Ratio Lower Upper
107 100
121 52.4 40.0 60.0
122 88.7 70.4 105.6

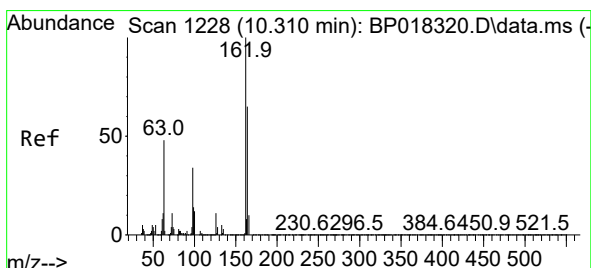
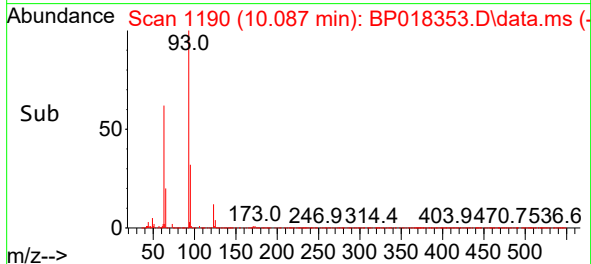
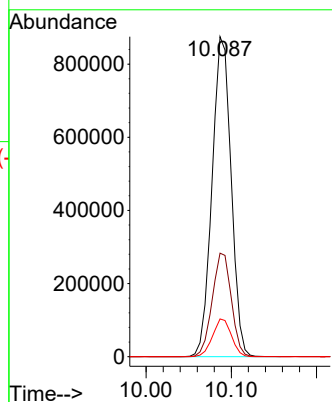
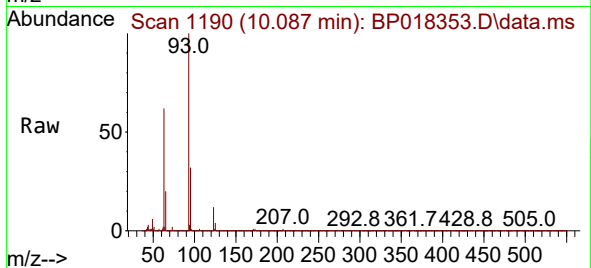




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.013 ng/ul
 RT: 10.087 min Scan# 1190
 Delta R.T. -0.000 min
 Lab File: BP018353.D
 Acq: 25 Nov 2023 06:19

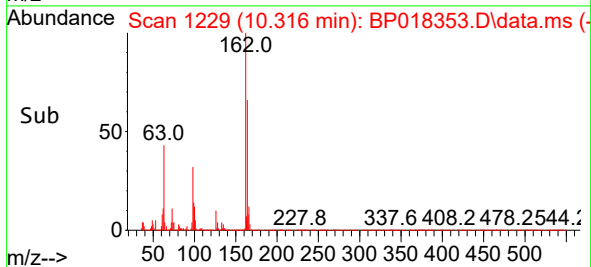
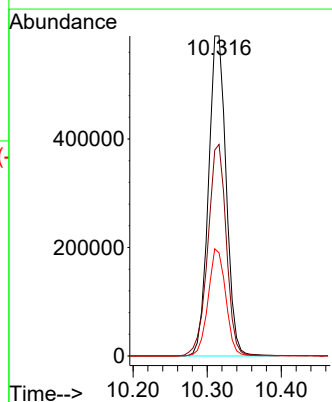
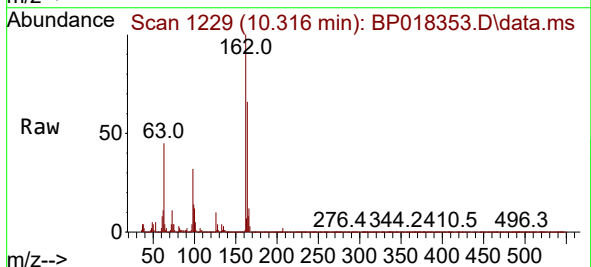
Instrument :
 BNA_P
 ClientSampleId :

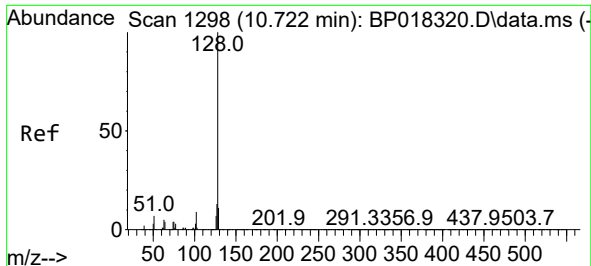
Tgt Ion: 93 Resp: 1362075
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 11.8 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 32.943 ng/ul
 RT: 10.316 min Scan# 1229
 Delta R.T. -0.000 min
 Lab File: BP018353.D
 Acq: 25 Nov 2023 06:19

Tgt Ion: 162 Resp: 979195
 Ion Ratio Lower Upper
 162 100
 164 66.1 53.0 79.6
 98 32.2 27.7 41.5

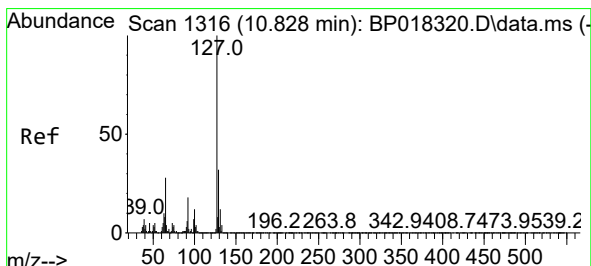
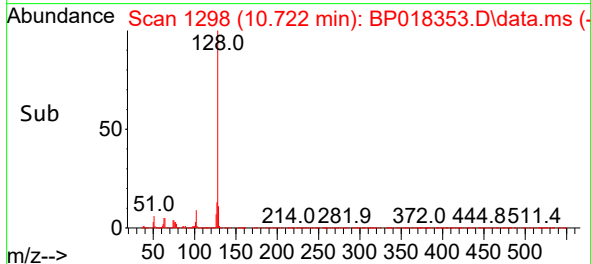
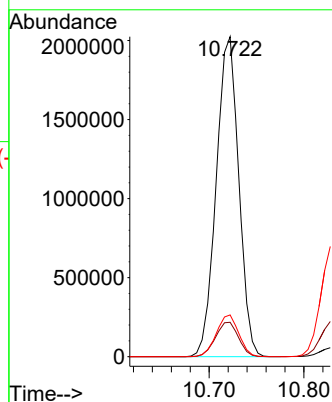
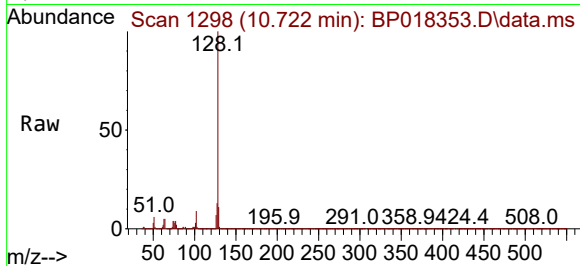




#30
Naphthalene
Concen: 32.240 ng/ul
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

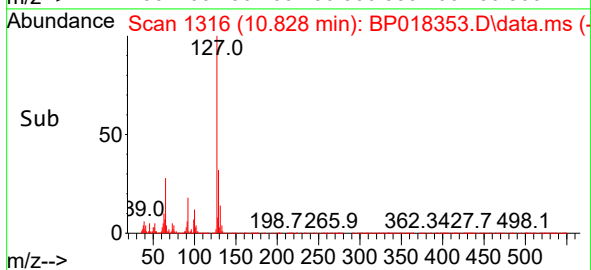
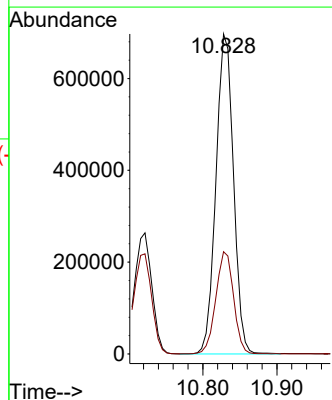
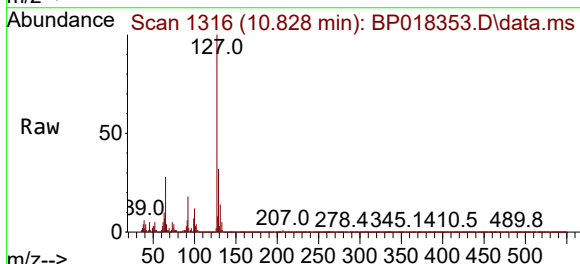
Instrument :
BNA_P
ClientSampleId :

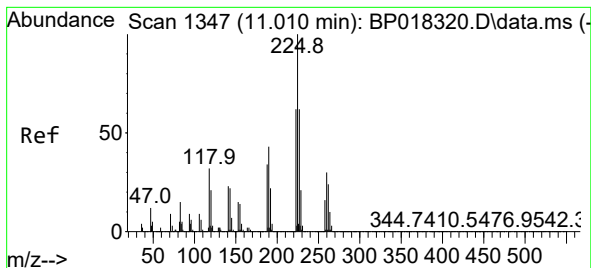
Tgt Ion:128 Resp: 3343469
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 29.010 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:127 Resp: 1145720
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8





#33

Hexachlorobutadiene

Concen: 34.654 ng/ul

RT: 11.010 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

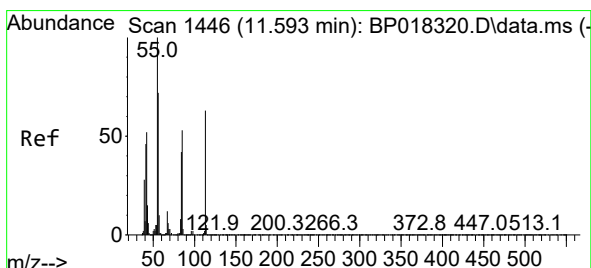
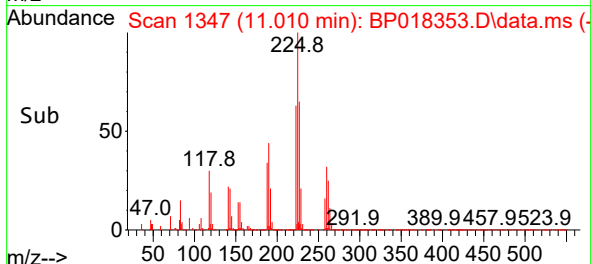
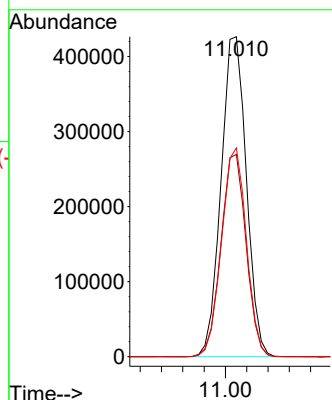
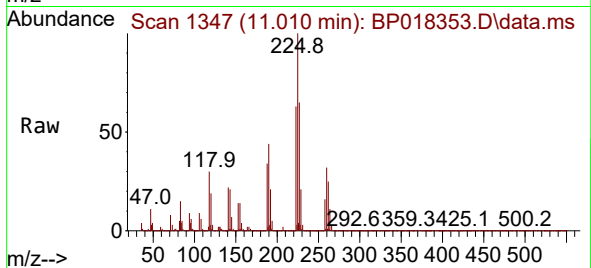
Tgt Ion:225 Resp: 702532

Ion Ratio Lower Upper

225 100

223 63.2 50.2 75.4

227 65.3 50.4 75.6



#34

Caprolactam

Concen: 29.492 ng/ul

RT: 11.598 min Scan# 1447

Delta R.T. 0.012 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

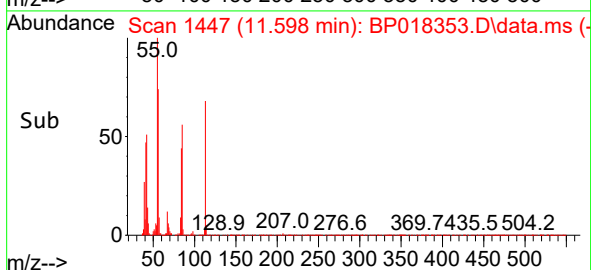
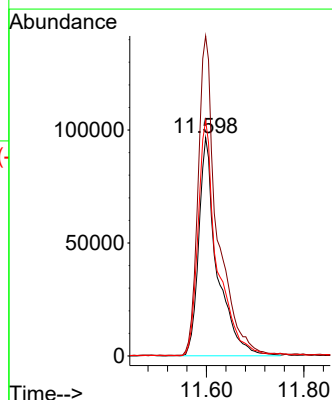
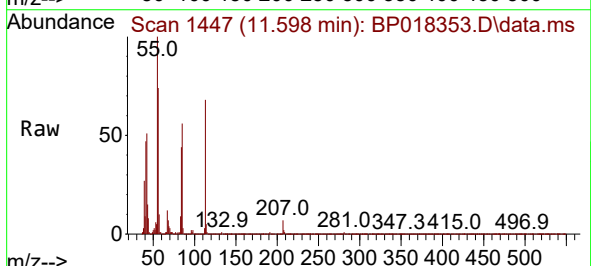
Tgt Ion:113 Resp: 252621

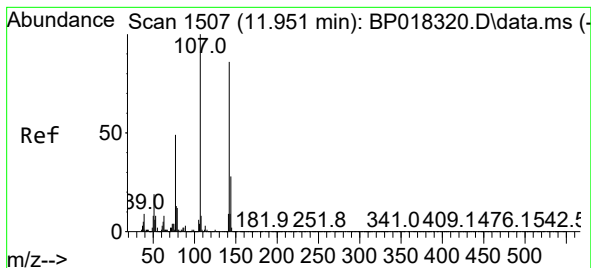
Ion Ratio Lower Upper

113 100

55 146.6 129.0 193.4

56 107.9 94.8 142.2

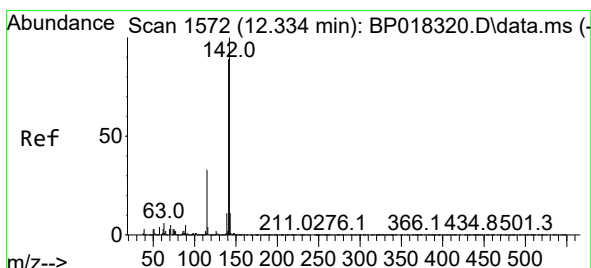
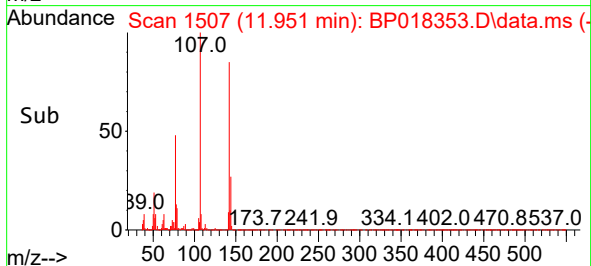
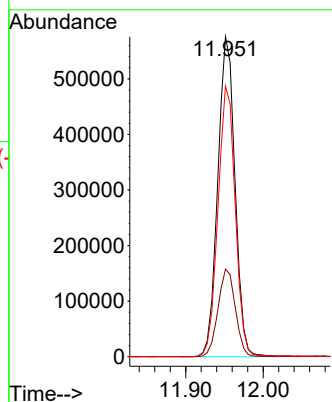
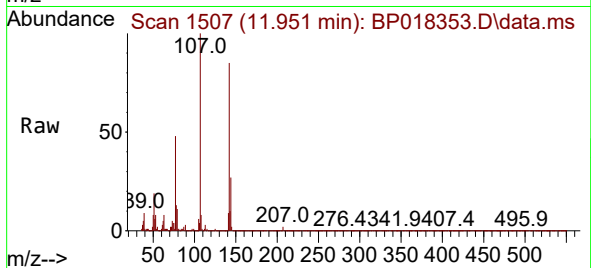




#35
4-Chloro-3-methylphenol
Concen: 27.987 ng/ul
RT: 11.951 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

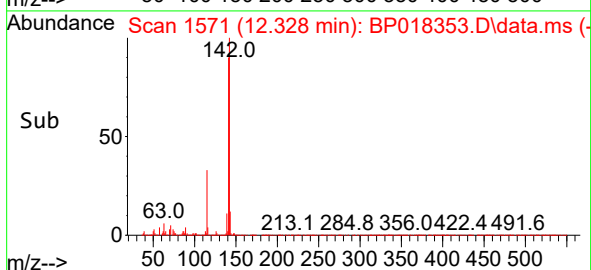
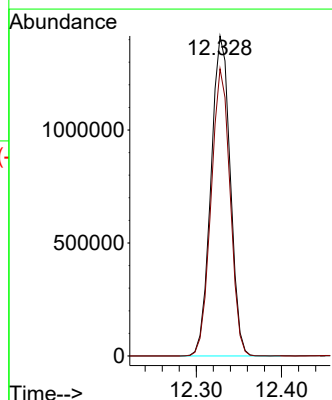
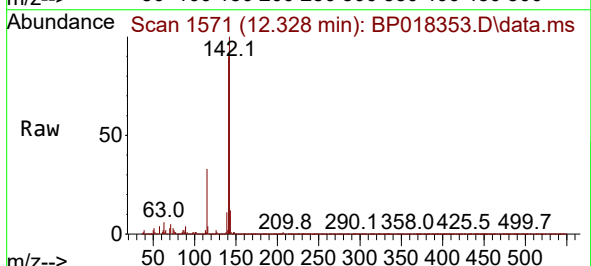
Instrument :
BNA_P
ClientSampleId :

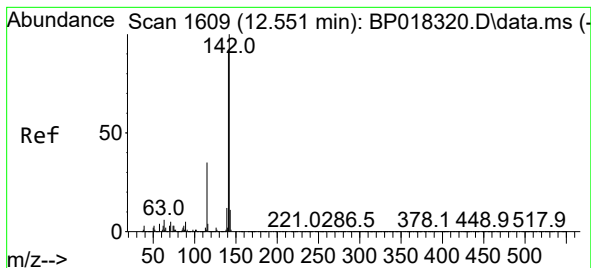
Tgt Ion:107 Resp: 889454
Ion Ratio Lower Upper
107 100
144 27.3 21.6 32.4
142 84.6 65.4 98.0



#36
2-Methylnaphthalene
Concen: 30.339 ng/ul
RT: 12.328 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:142 Resp: 2226689
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.4





#37

1-Methylnaphthalene

Concen: 29.214 ng/ul

RT: 12.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

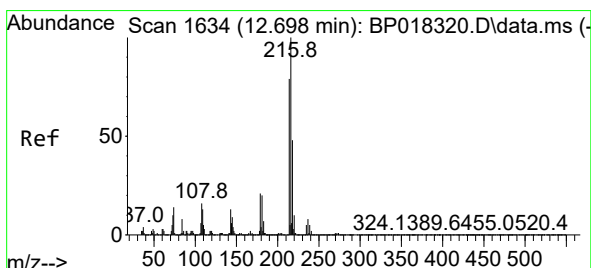
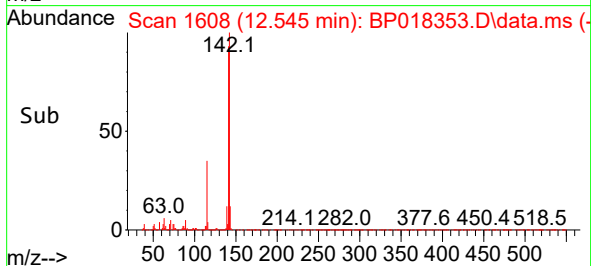
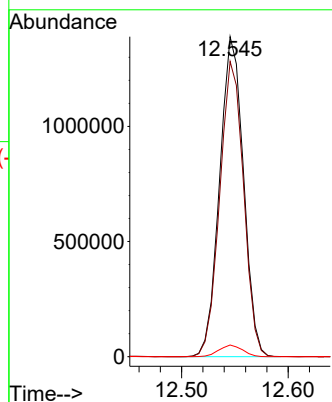
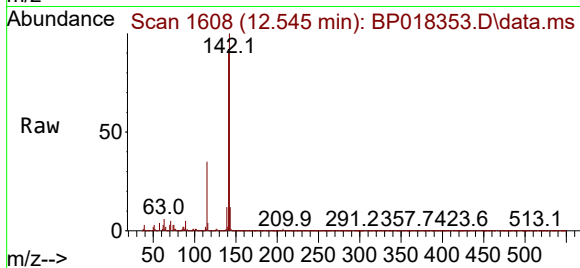
Tgt Ion:142 Resp: 2158267

Ion Ratio Lower Upper

142 100

141 92.3 73.9 110.9

116 3.6 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.897 ng/ul

RT: 12.692 min Scan# 1633

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Tgt Ion:216 Resp: 1225143

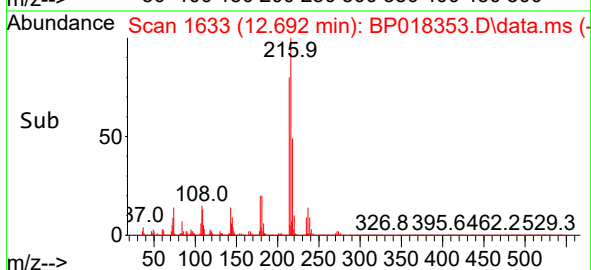
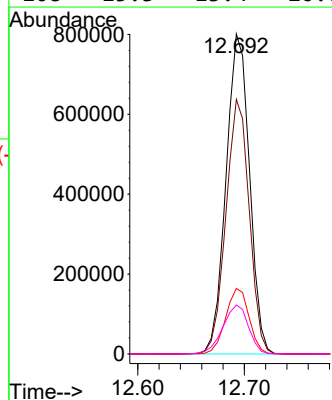
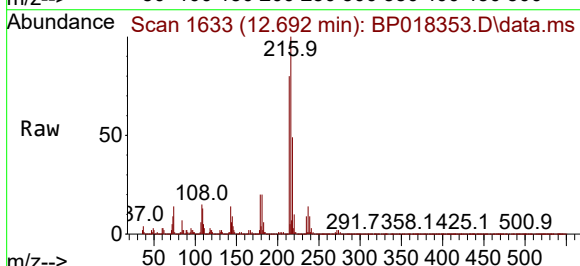
Ion Ratio Lower Upper

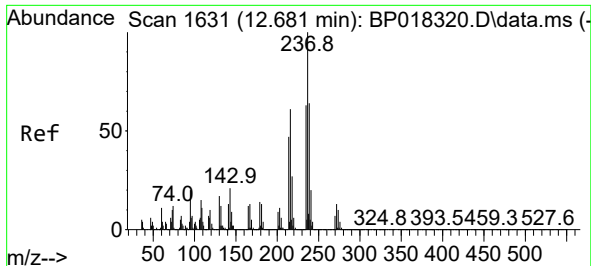
216 100

214 79.6 63.3 94.9

179 20.5 17.3 25.9

108 15.3 13.4 20.0

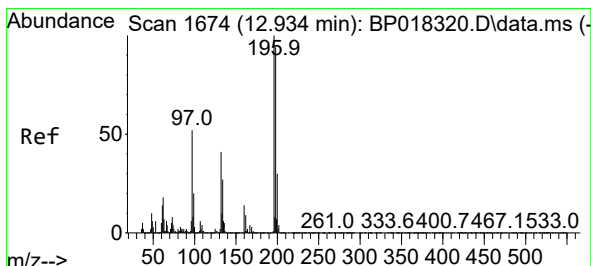
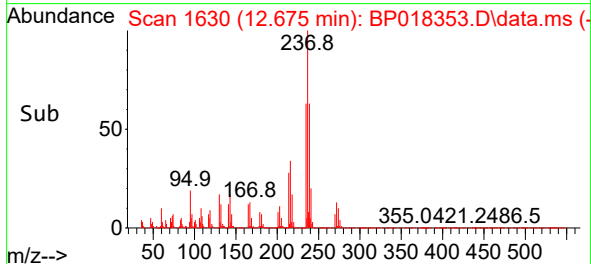
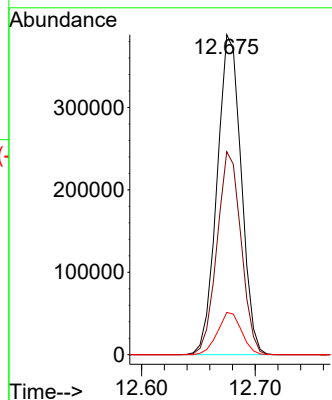
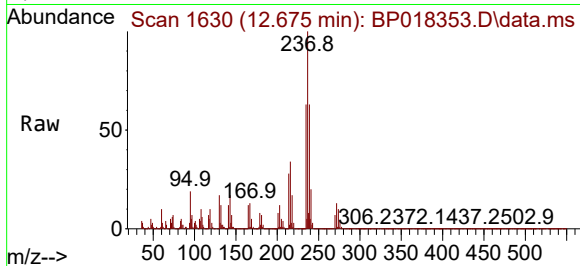




#40
Hexachlorocyclopentadiene
Concen: 31.356 ng/ul
RT: 12.675 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

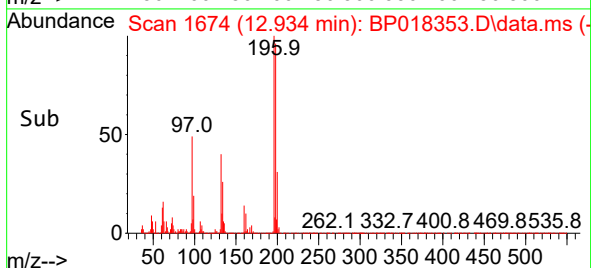
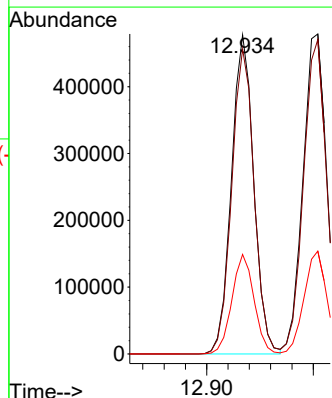
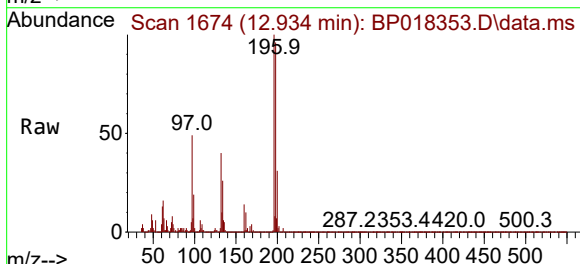
Instrument :
BNA_P
ClientSampleId :

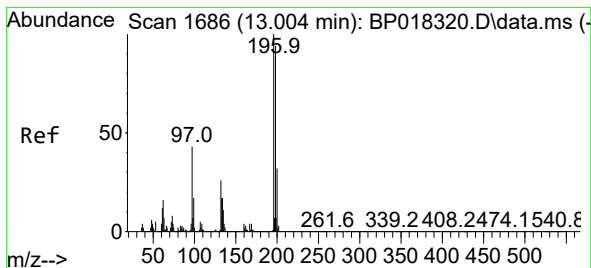
Tgt Ion:237 Resp: 574122
Ion Ratio Lower Upper
237 100
235 63.4 50.7 76.1
272 13.2 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 35.816 ng/ul
RT: 12.934 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:196 Resp: 695353
Ion Ratio Lower Upper
196 100
198 95.6 78.0 117.0
200 31.2 24.6 37.0





#42

2,4,5-Trichlorophenol

Concen: 34.883 ng/ul

RT: 13.004 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

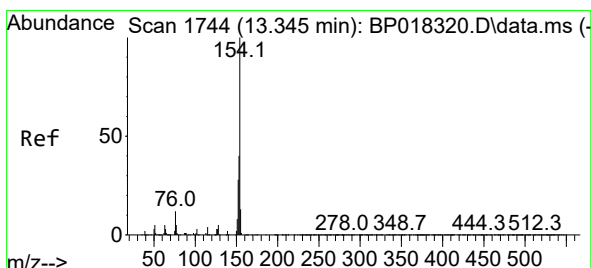
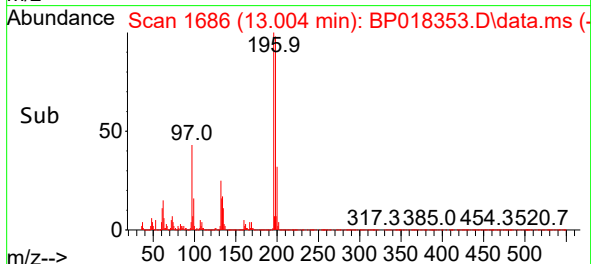
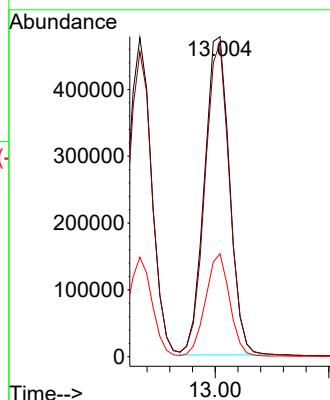
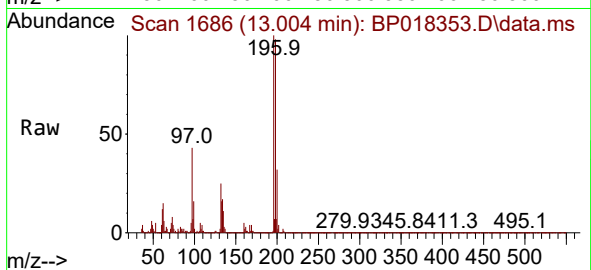
Tgt Ion:196 Resp: 732326

Ion Ratio Lower Upper

196 100

198 98.3 76.7 115.1

200 32.1 24.6 36.8



#43

1,1'-Biphenyl

Concen: 35.115 ng/ul

RT: 13.339 min Scan# 1743

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

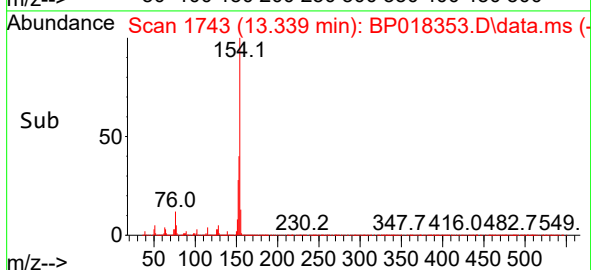
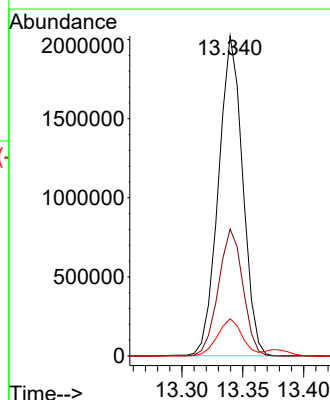
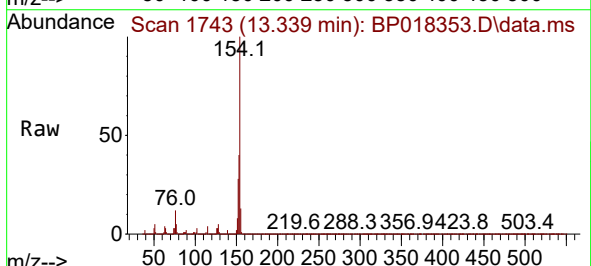
Tgt Ion:154 Resp: 2800493

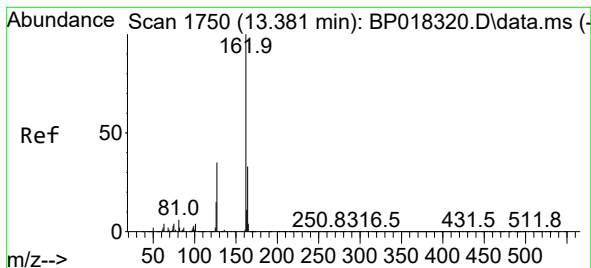
Ion Ratio Lower Upper

154 100

153 39.7 32.2 48.2

76 11.6 9.9 14.9





#44

2-Chloronaphthalene

Concen: 35.203 ng/ul

RT: 13.381 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

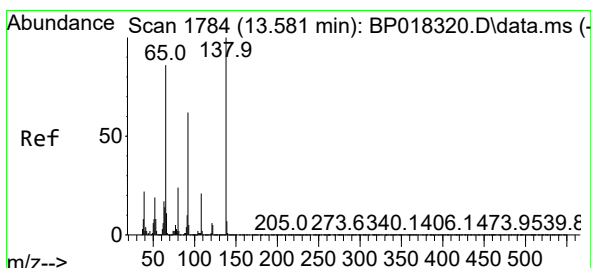
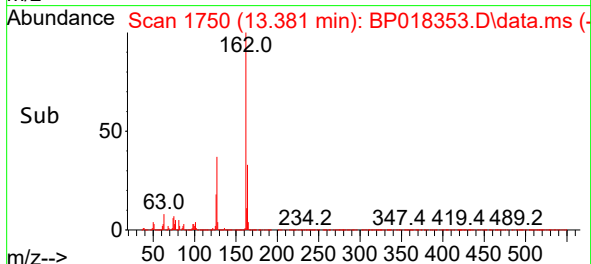
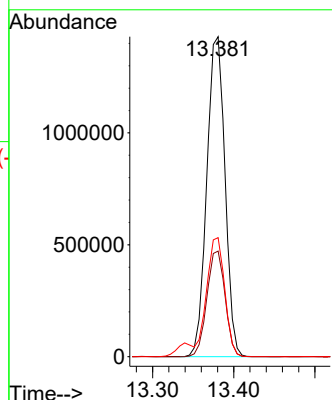
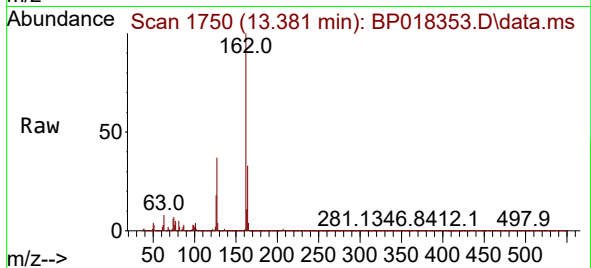
Tgt Ion:162 Resp: 2222054

Ion Ratio Lower Upper

162 100

164 33.0 26.2 39.4

127 37.2 30.6 45.8



#45

2-Nitroaniline

Concen: 33.093 ng/ul

RT: 13.581 min Scan# 1784

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

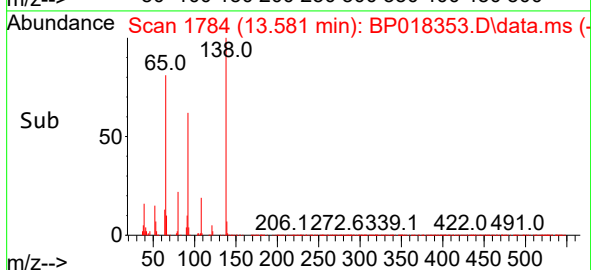
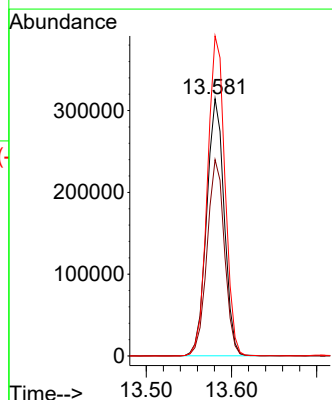
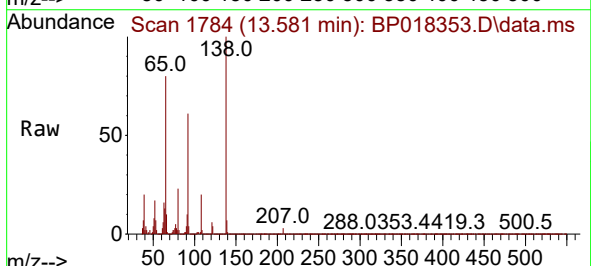
Tgt Ion: 65 Resp: 449460

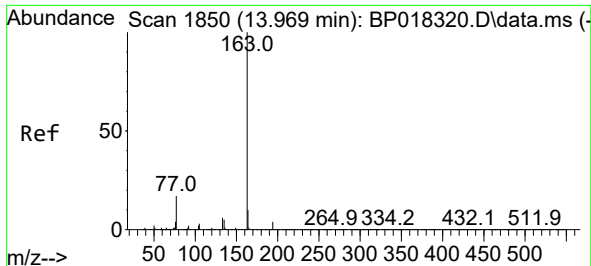
Ion Ratio Lower Upper

65 100

92 76.3 57.4 86.2

138 124.3 90.6 136.0

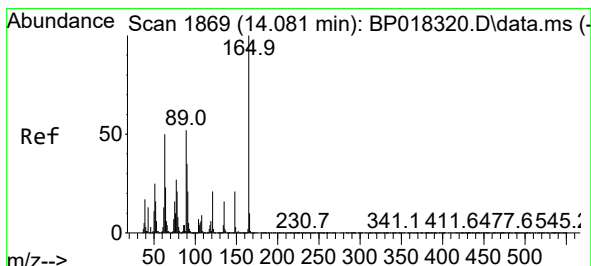
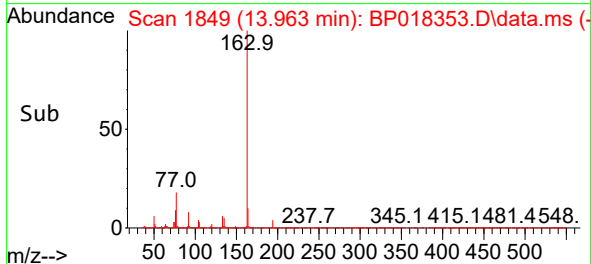
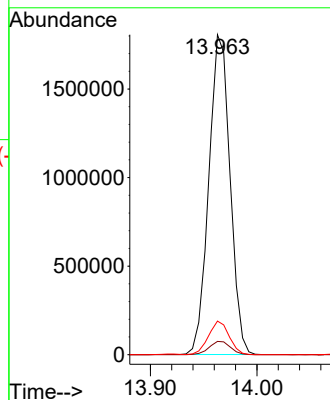
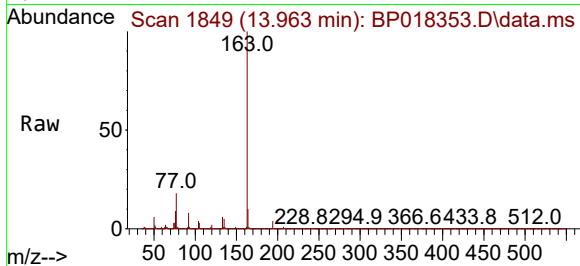




#47
Dimethylphthalate
Concen: 31.456 ng/ul
RT: 13.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

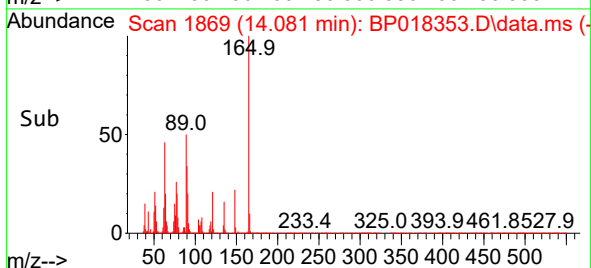
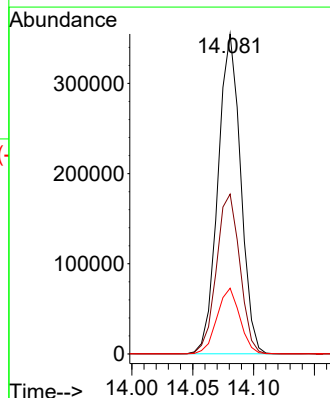
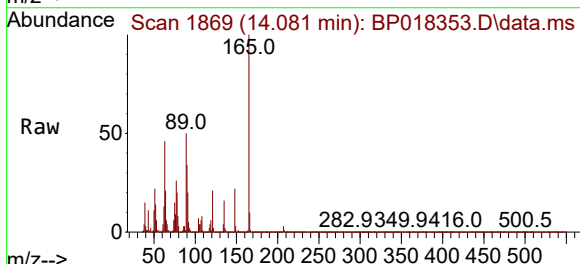
Instrument :
BNA_P
ClientSampleId :

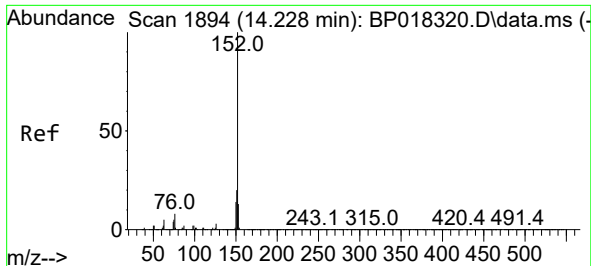
Tgt Ion:163 Resp: 2506768
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.5 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 34.221 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:165 Resp: 459785
Ion Ratio Lower Upper
165 100
89 49.9 45.8 68.6
121 20.5 17.8 26.8

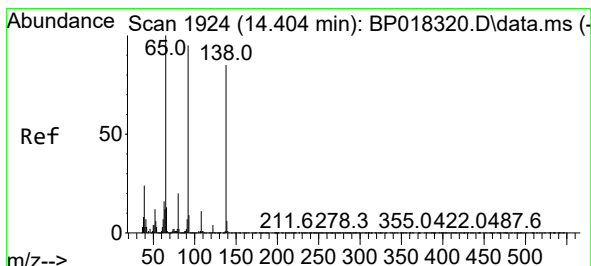
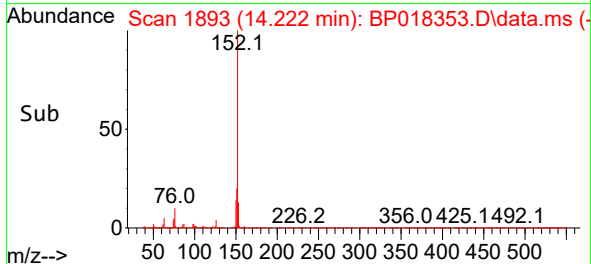
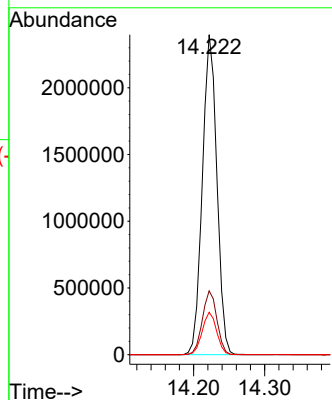
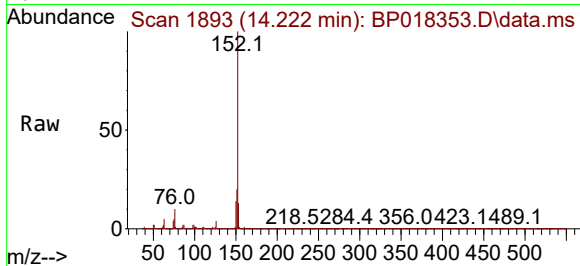




#50
Acenaphthylene
Concen: 32.942 ng/ul
RT: 14.222 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

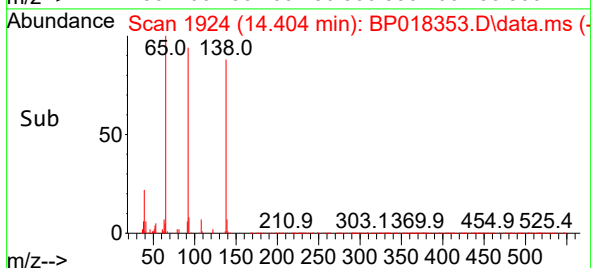
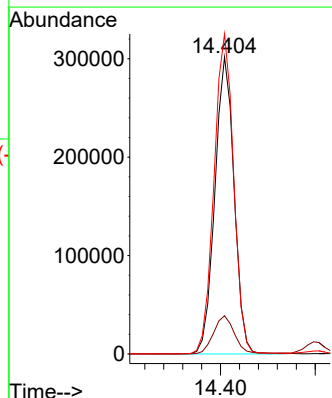
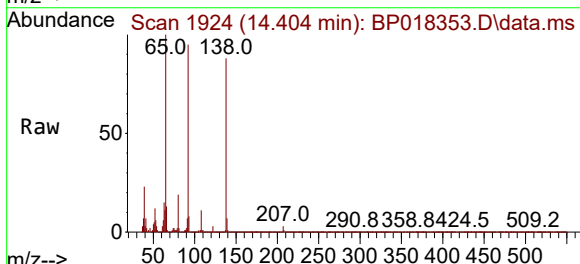
Instrument :
BNA_P
ClientSampleId :

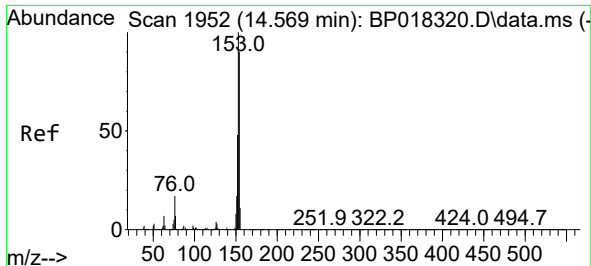
Tgt Ion:152 Resp: 3407684
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.2 10.8 16.2



#51
3-Nitroaniline
Concen: 31.870 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

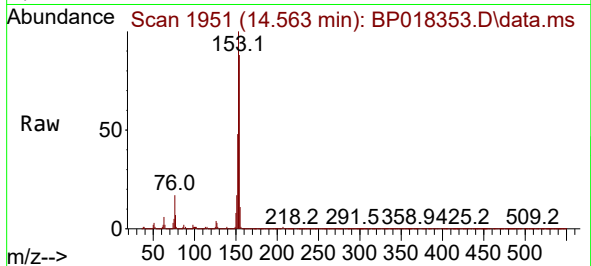
Tgt Ion:138 Resp: 425440
Ion Ratio Lower Upper
138 100
108 12.9 13.2 19.8#
92 107.8 90.2 135.4



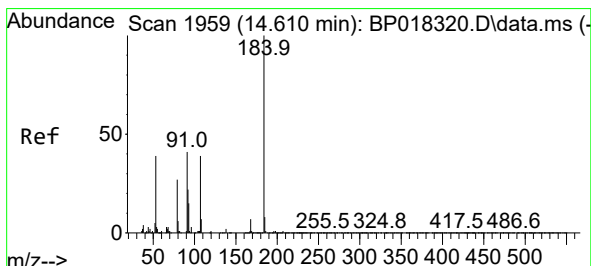
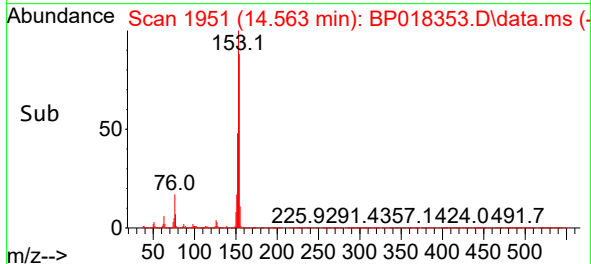
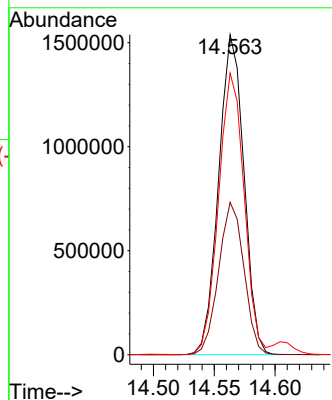


#52
Acenaphthene
Concen: 32.939 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Instrument :
BNA_P
ClientSampleId :

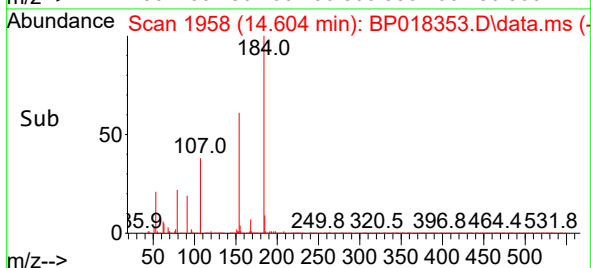
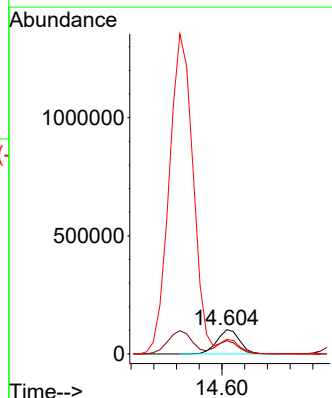
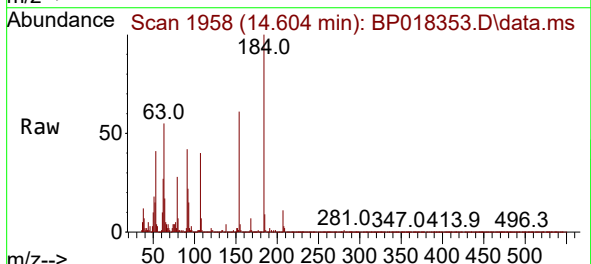


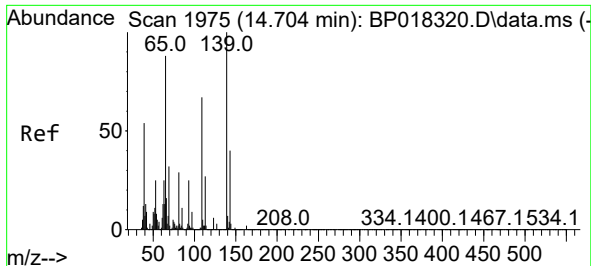
Tgt Ion:153 Resp: 2225925
Ion Ratio Lower Upper
153 100
152 47.6 37.8 56.8
154 88.0 71.2 106.8



#53
2,4-Dinitrophenol
Concen: 30.576 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:184 Resp: 143323
Ion Ratio Lower Upper
184 100
63 55.0 41.8 62.6
154 60.9 47.3 70.9

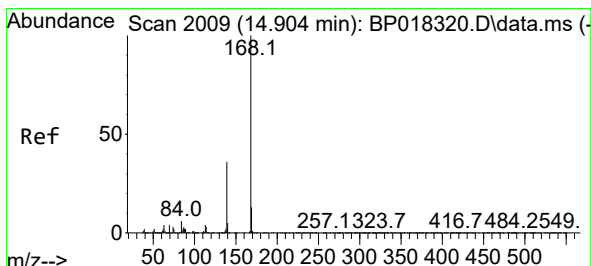
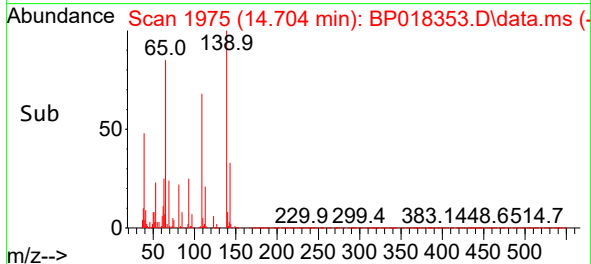
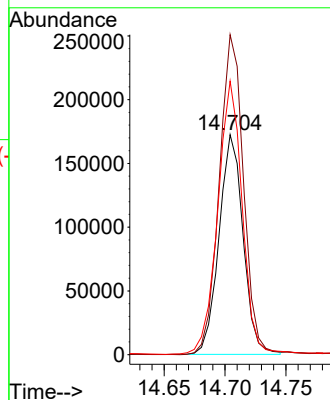
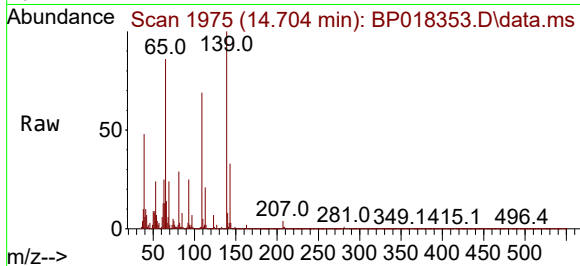




#55
4-Nitrophenol
Concen: 28.433 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

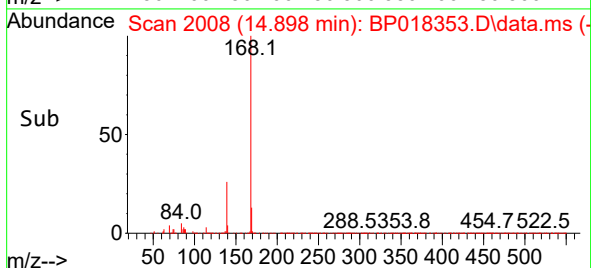
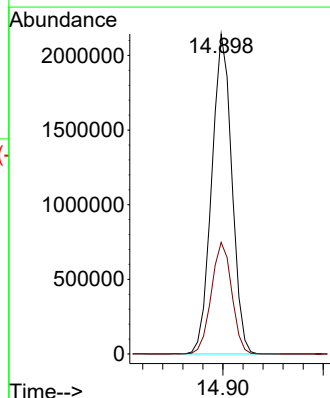
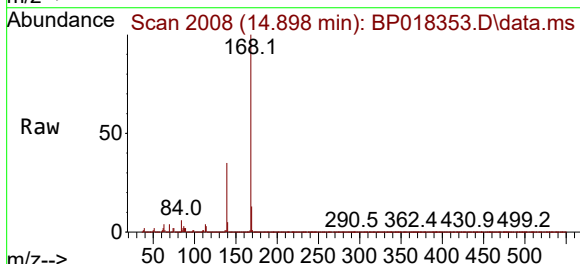
Instrument :
BNA_P
ClientSampleId :

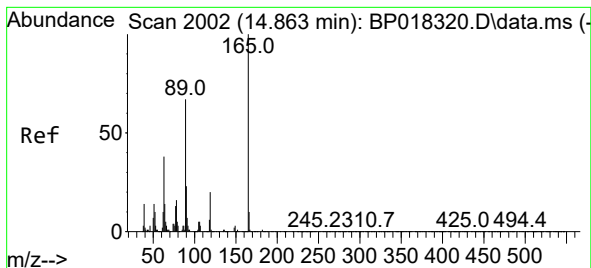
Tgt Ion:109 Resp: 236852
Ion Ratio Lower Upper
109 100
139 145.5 113.0 169.4
65 124.4 99.6 149.4



#56
Dibenzofuran
Concen: 32.300 ng/ul
RT: 14.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:168 Resp: 2984100
Ion Ratio Lower Upper
168 100
139 34.9 29.0 43.4





#57

2,4-Dinitrotoluene

Concen: 32.695 ng/ul

RT: 14.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

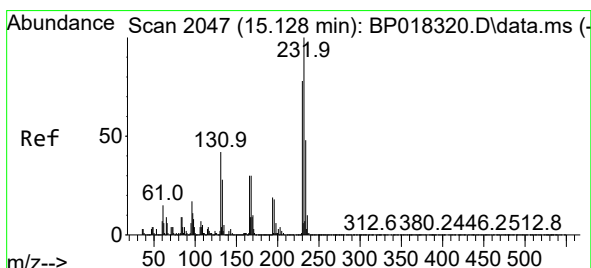
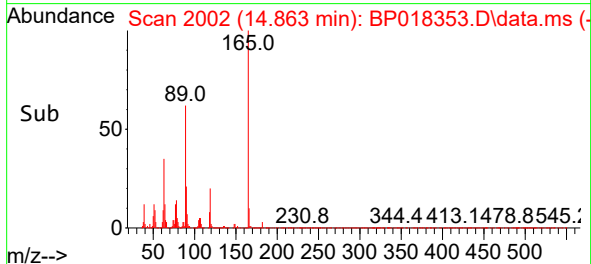
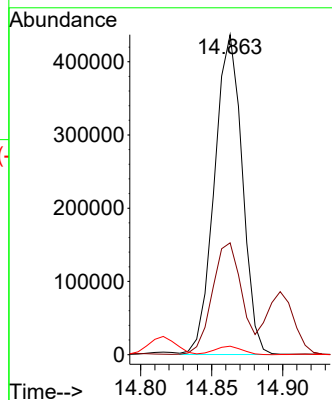
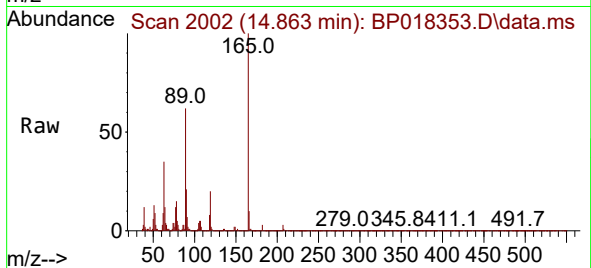
Tgt Ion:165 Resp: 593620

Ion Ratio Lower Upper

165 100

63 34.9 32.1 48.1

182 2.7 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.049 ng/ul

RT: 15.122 min Scan# 2046

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Tgt Ion:232 Resp: 511913

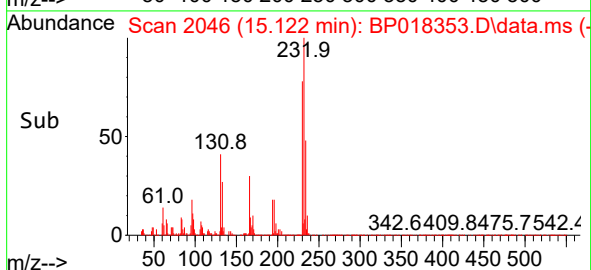
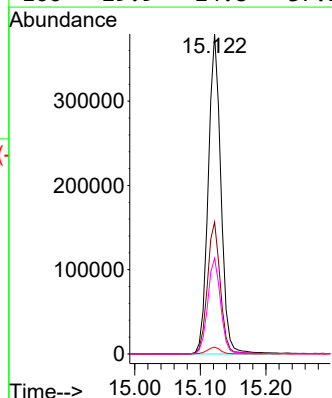
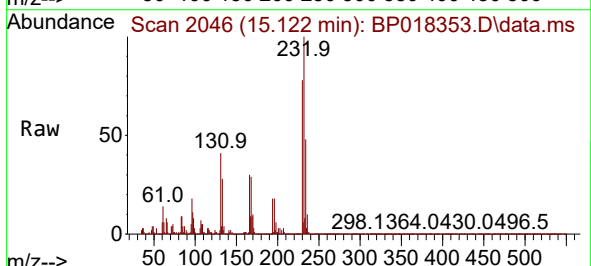
Ion Ratio Lower Upper

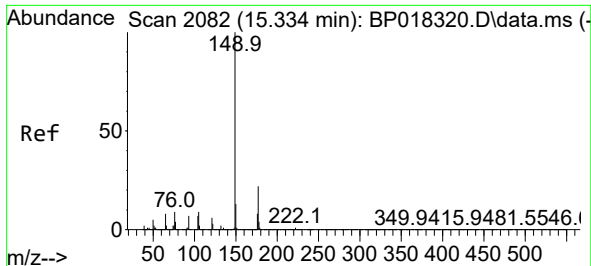
232 100

131 41.2 34.1 51.1

130 2.1 1.8 2.6

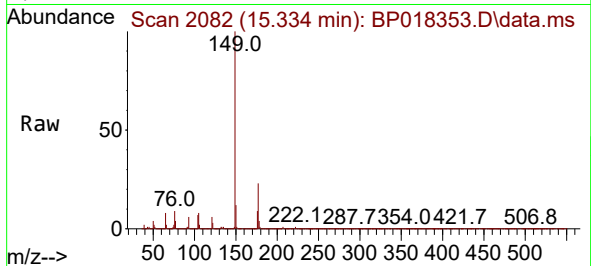
166 29.9 24.8 37.2



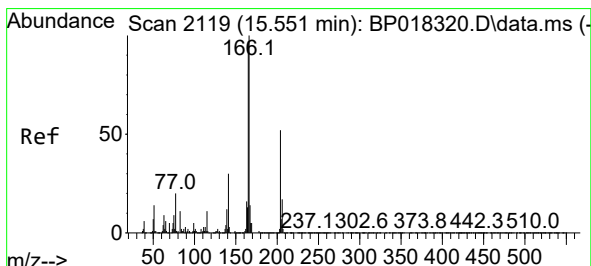
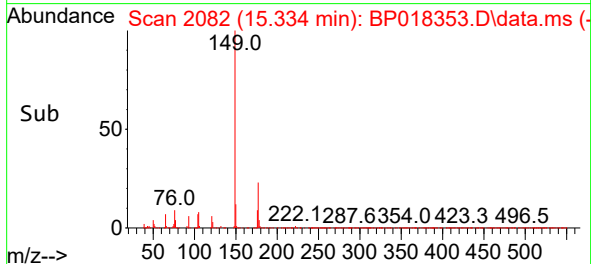
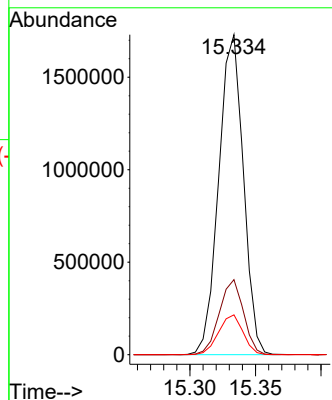


#59
Diethylphthalate
Concen: 28.238 ng/ul
RT: 15.334 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Instrument :
BNA_P
ClientSampleId :

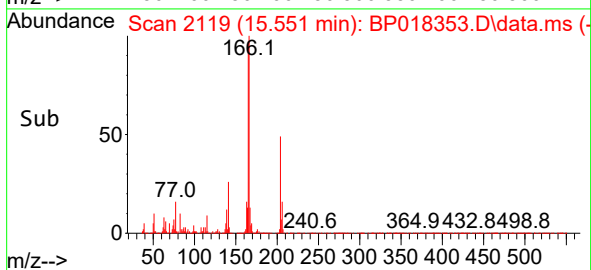
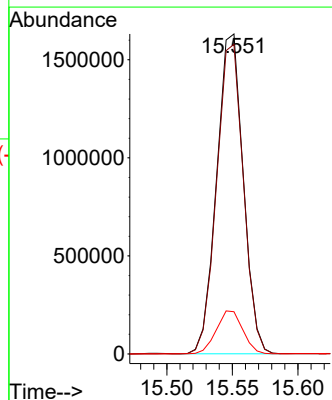
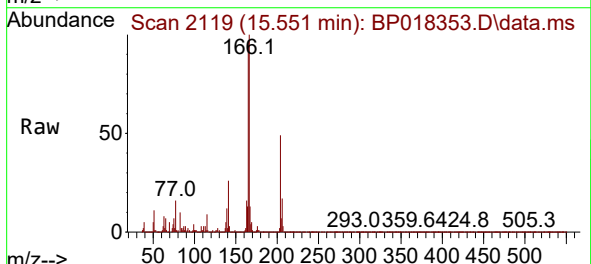


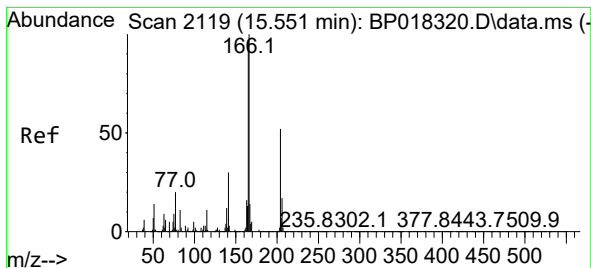
Tgt Ion:149 Resp: 2260542
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 12.4 10.2 15.2



#61
Fluorene
Concen: 30.573 ng/ul
RT: 15.551 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:166 Resp: 2303408
Ion Ratio Lower Upper
166 100
165 96.7 77.5 116.3
167 13.2 10.6 16.0

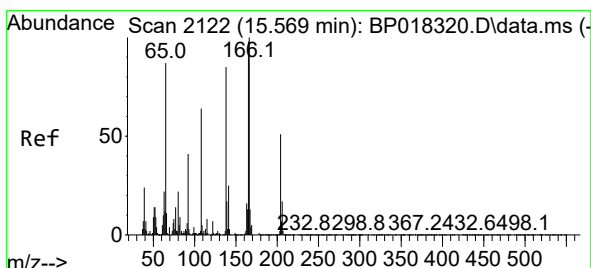
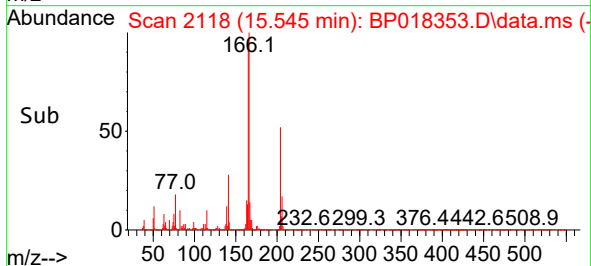
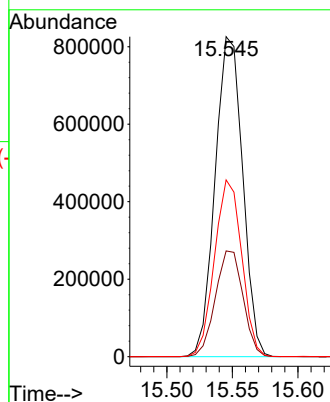
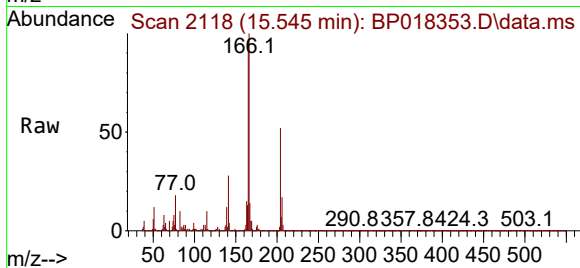




#62
4-Chlorophenyl-phenylether
Concen: 31.540 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

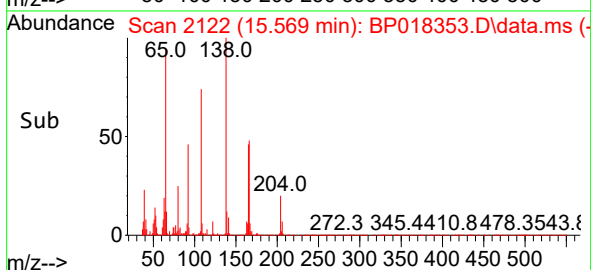
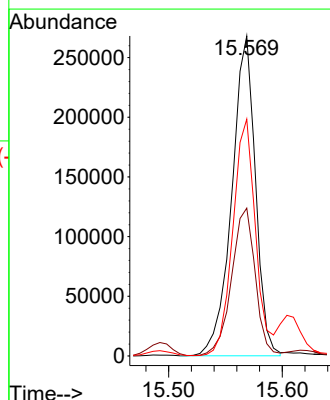
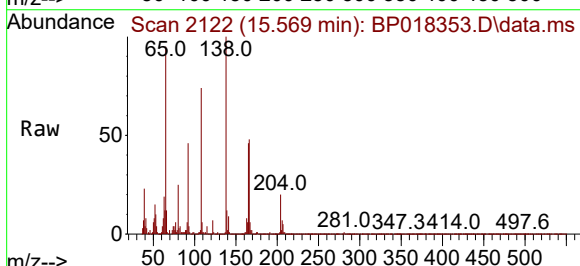
Instrument :
BNA_P
ClientSampleId :

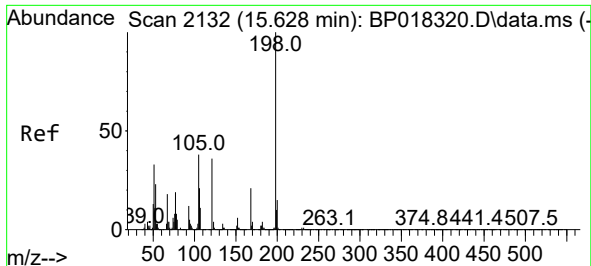
Tgt Ion:204 Resp: 1206666
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 55.2 44.8 67.2



#63
4-Nitroaniline
Concen: 30.745 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:138 Resp: 387342
Ion Ratio Lower Upper
138 100
92 46.2 39.3 58.9
108 74.0 61.8 92.6

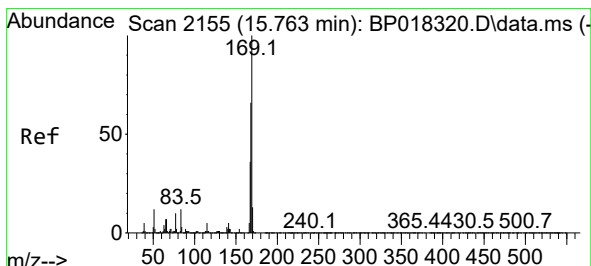
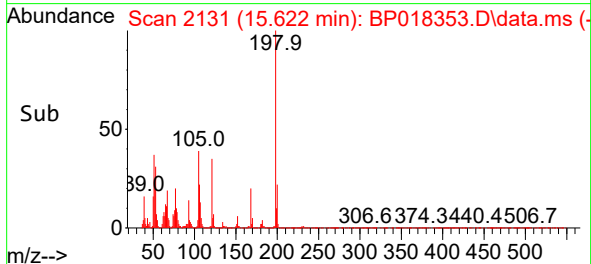
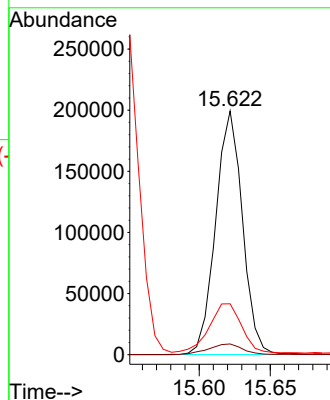
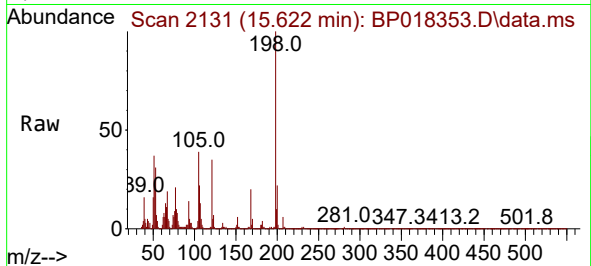




#66
4,6-Dinitro-2-methylphenol
Concen: 36.244 ng/ul
RT: 15.622 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

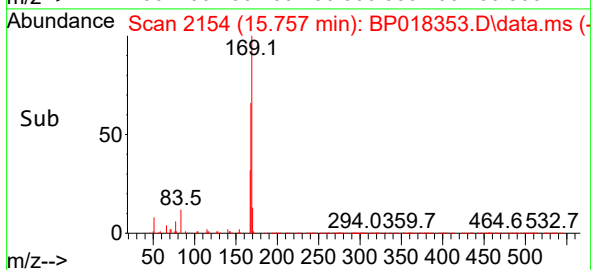
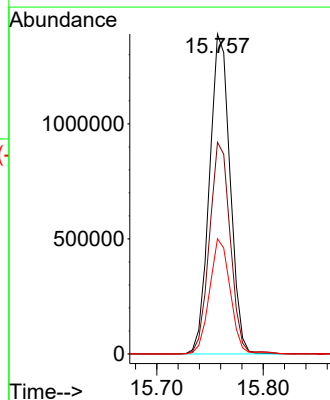
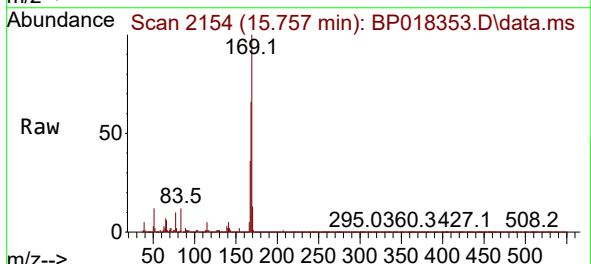
Instrument :
BNA_P
ClientSampleId :

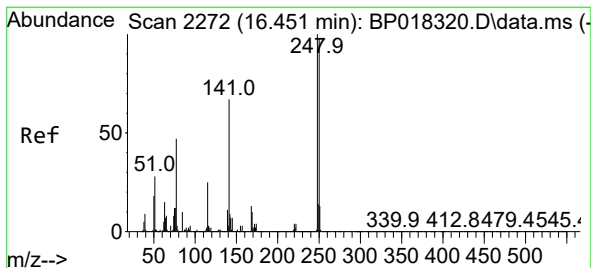
Tgt Ion:198 Resp: 260942
Ion Ratio Lower Upper
198 100
182 4.4 3.0 4.4
77 20.9 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 36.107 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:169 Resp: 1867198
Ion Ratio Lower Upper
169 100
168 66.1 53.1 79.7
167 36.0 28.8 43.2

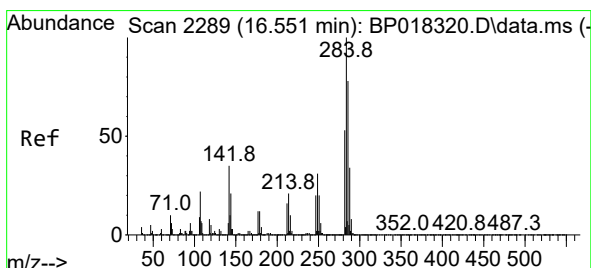
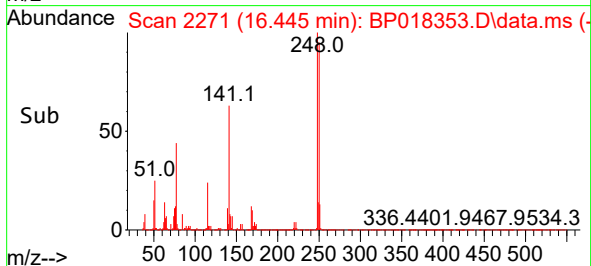
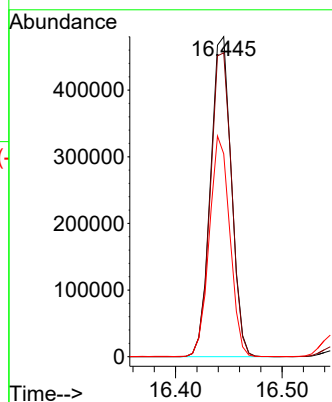
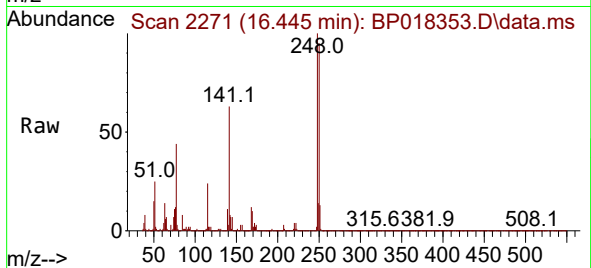




#68
4-Bromophenyl-phenylether
Concen: 33.889 ng/ul
RT: 16.445 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

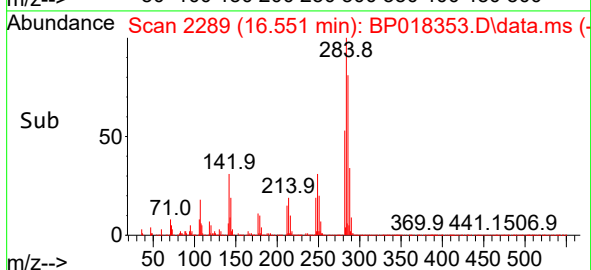
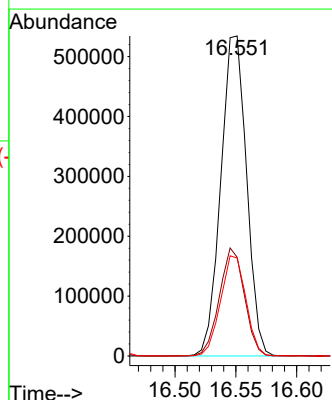
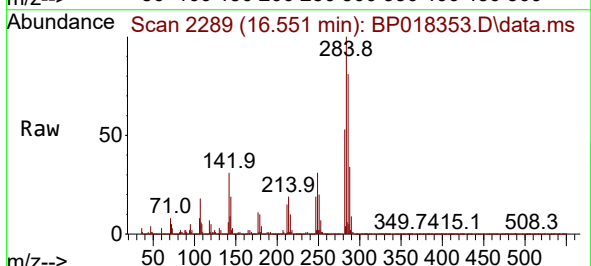
Instrument :
BNA_P
ClientSampleId :

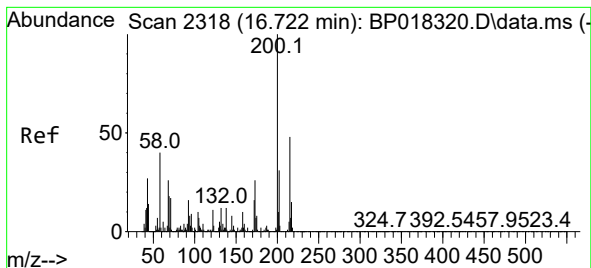
Tgt Ion:248 Resp: 652487
Ion Ratio Lower Upper
248 100
250 94.9 77.4 116.2
141 63.4 56.0 84.0



#69
Hexachlorobenzene
Concen: 36.587 ng/ul
RT: 16.551 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:284 Resp: 787510
Ion Ratio Lower Upper
284 100
142 30.8 28.9 43.3
249 30.6 26.0 39.0





#70

Atrazine

Concen: 29.618 ng/ul

RT: 16.716 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

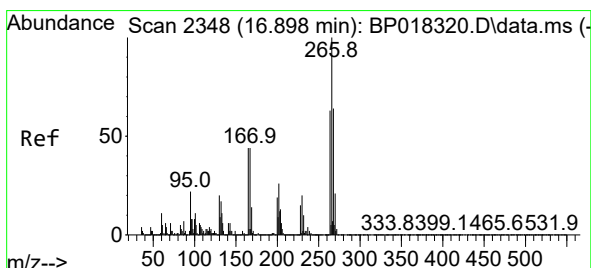
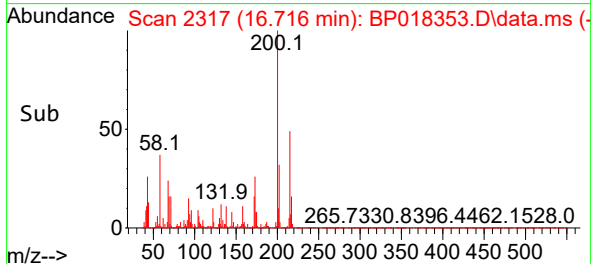
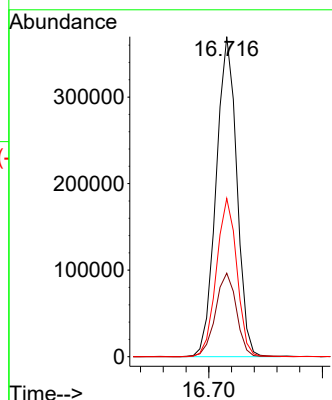
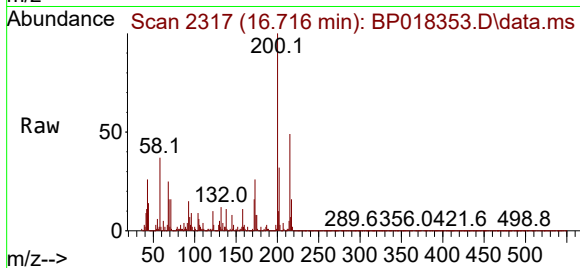
Tgt Ion:200 Resp: 467575

Ion Ratio Lower Upper

200 100

173 26.1 21.1 31.7

215 49.5 38.3 57.5



#71

Pentachlorophenol

Concen: 33.387 ng/ul

RT: 16.892 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

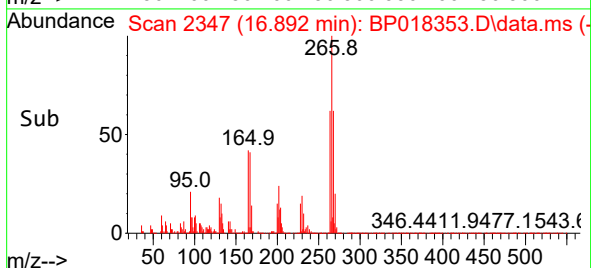
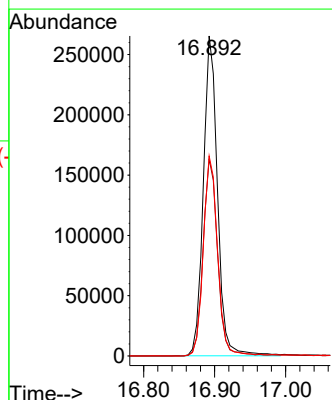
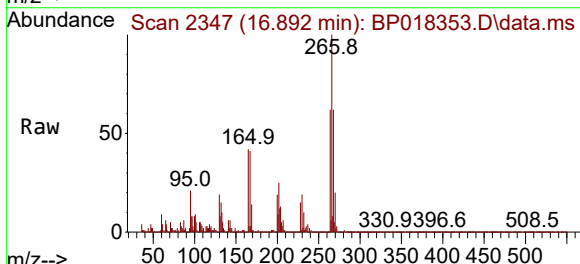
Tgt Ion:266 Resp: 369251

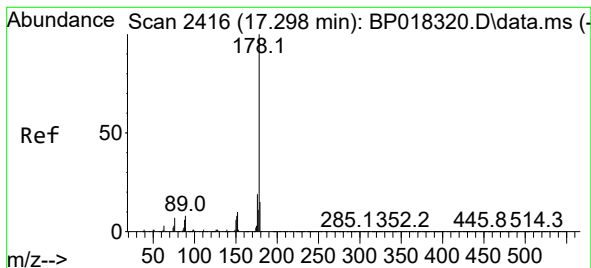
Ion Ratio Lower Upper

266 100

264 61.6 50.1 75.1

268 62.5 50.1 75.1





#72

Phenanthrene

Concen: 34.027 ng/ul

RT: 17.292 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

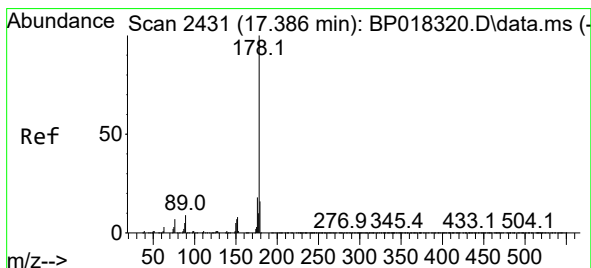
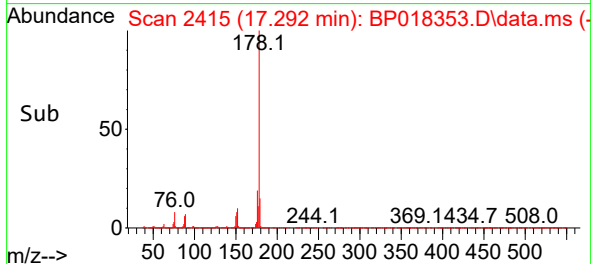
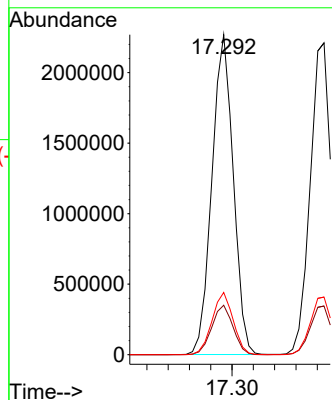
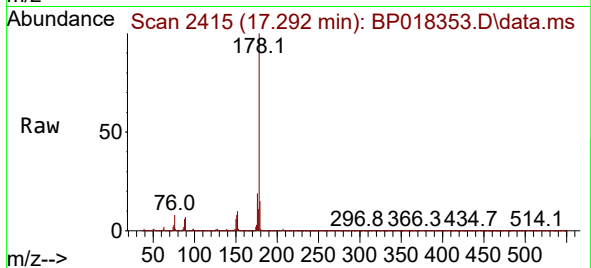
Tgt Ion:178 Resp: 3156226

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.4 15.1 22.7



#74

Anthracene

Concen: 32.988 ng/ul

RT: 17.386 min Scan# 2431

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

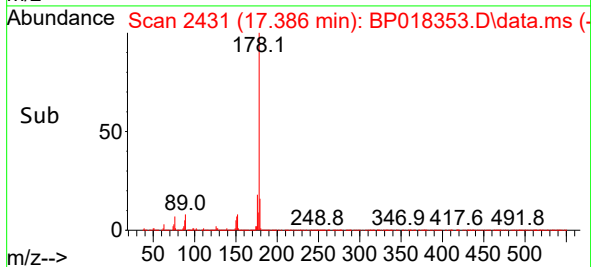
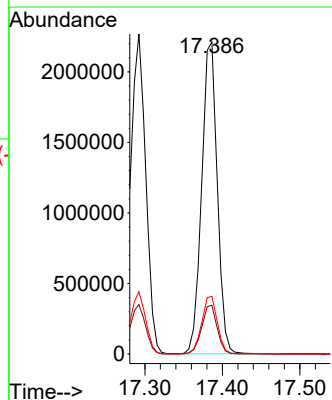
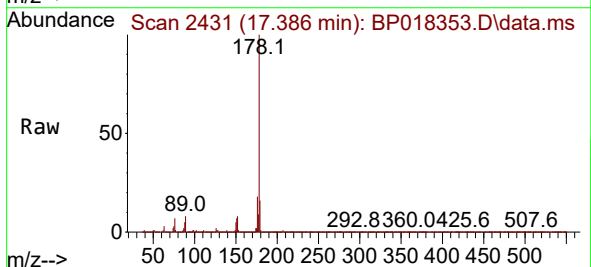
Tgt Ion:178 Resp: 3088540

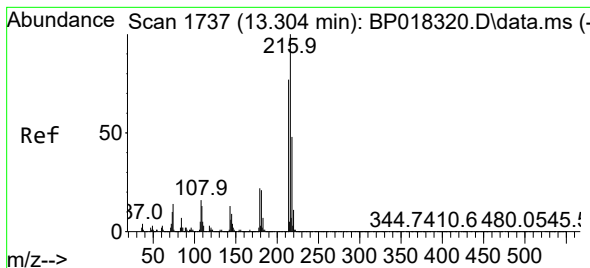
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.4 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 45.746 ng/uL

RT: 13.298 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

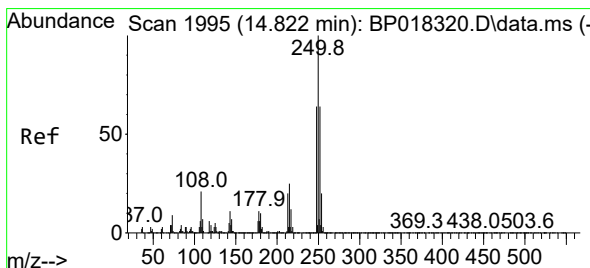
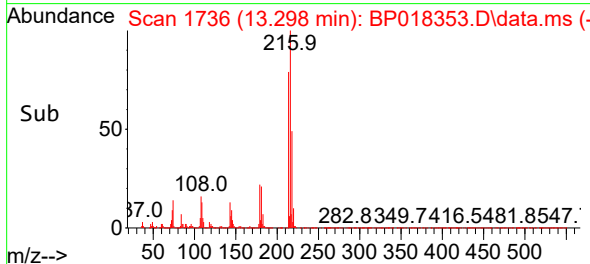
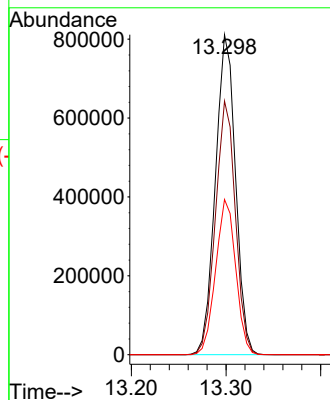
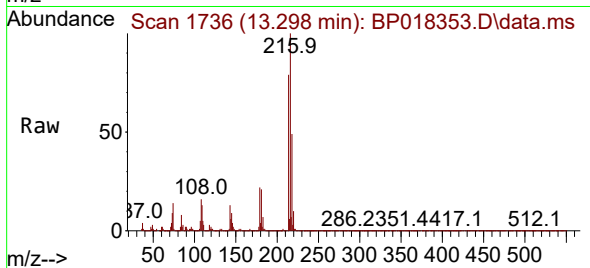
Tgt Ion:216 Resp: 1199085

Ion Ratio Lower Upper

216 100

214 79.2 62.0 93.0

218 48.5 38.6 57.8



#76

Pentachlorobenzene

Concen: 42.026 ng/uL

RT: 14.816 min Scan# 1994

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

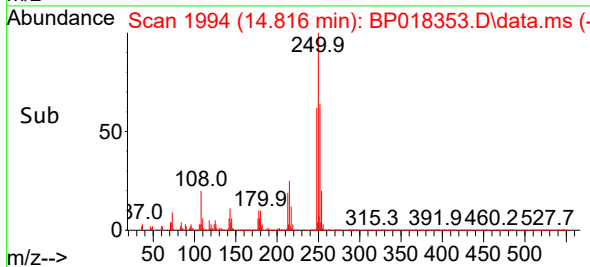
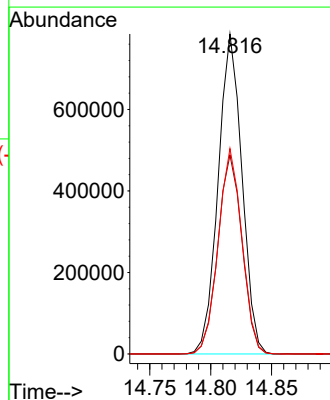
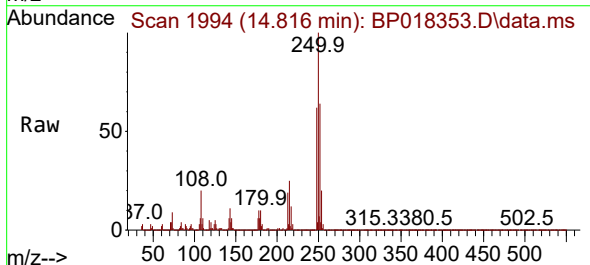
Tgt Ion:250 Resp: 1070072

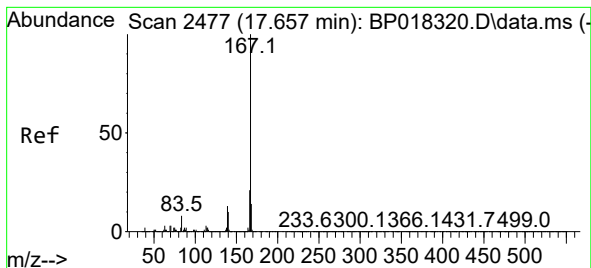
Ion Ratio Lower Upper

250 100

248 62.1 51.0 76.6

252 64.2 51.5 77.3





#77

Carbazole

Concen: 33.915 ng/ul

RT: 17.651 min Scan# 2477

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

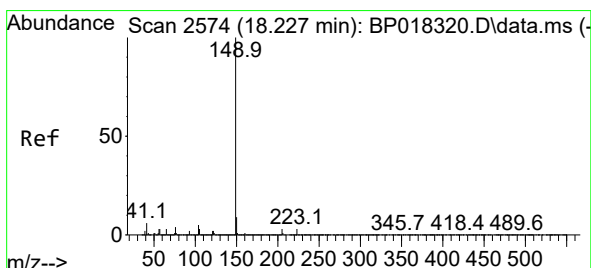
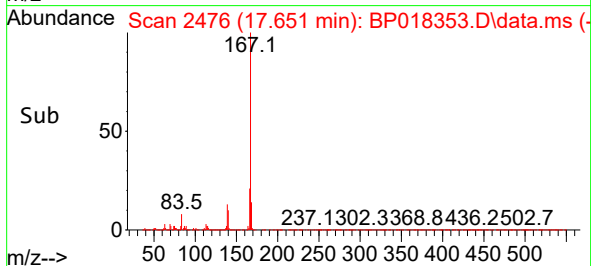
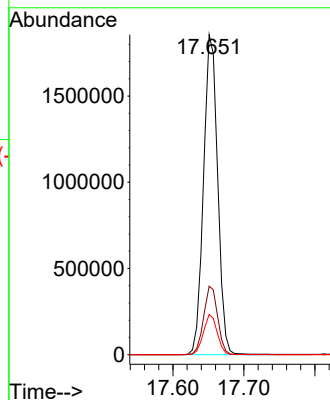
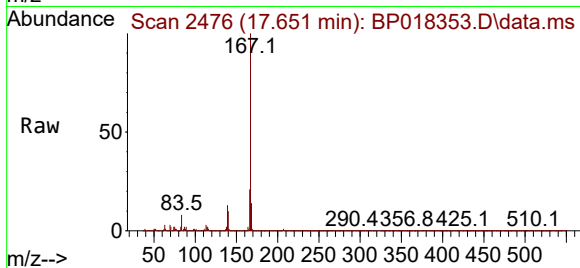
Tgt Ion:167 Resp: 2572570

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

139 12.5 10.0 15.0



#78

Di-n-butylphthalate

Concen: 28.538 ng/ul

RT: 18.222 min Scan# 2573

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

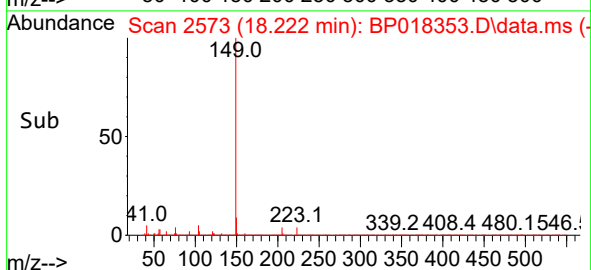
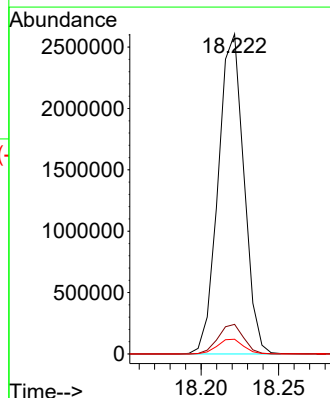
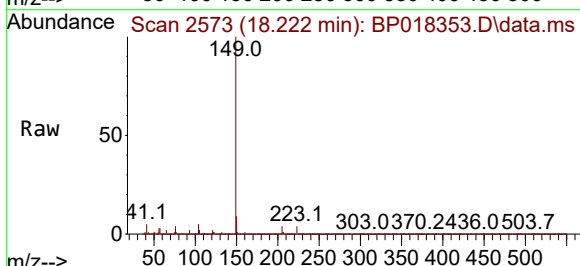
Tgt Ion:149 Resp: 3011025

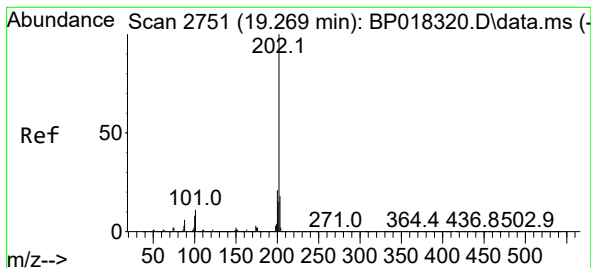
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.6 3.8 5.6





#80

Fluoranthene

Concen: 26.871 ng/ul

RT: 19.263 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

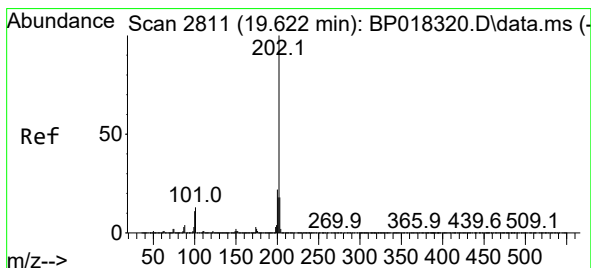
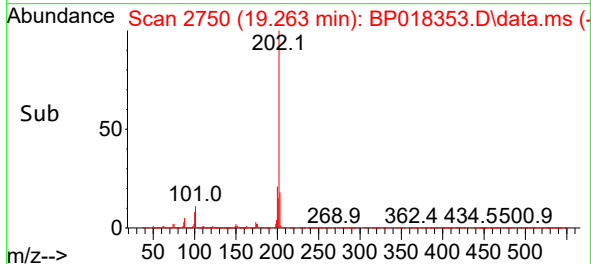
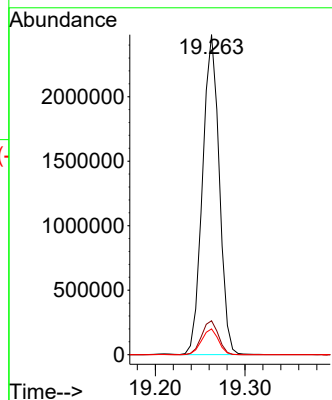
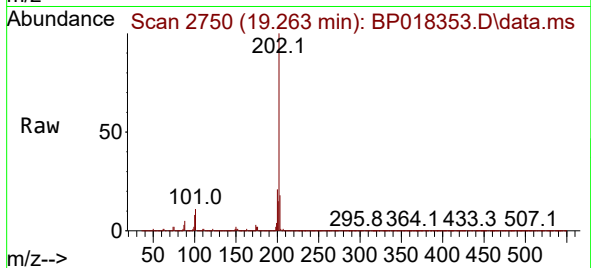
Tgt Ion:202 Resp: 3207608

Ion Ratio Lower Upper

202 100

101 10.6 8.6 13.0

100 8.1 6.7 10.1



#82

Pyrene

Concen: 27.637 ng/ul

RT: 19.616 min Scan# 2810

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

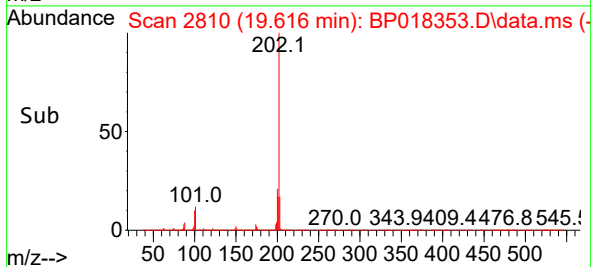
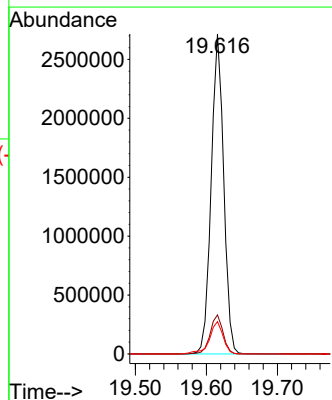
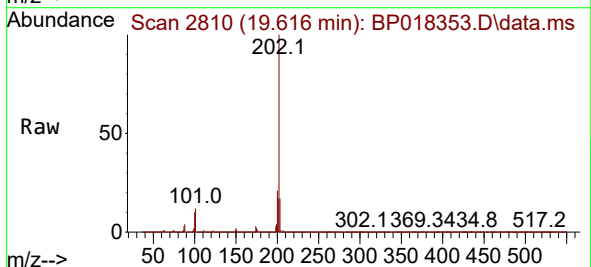
Tgt Ion:202 Resp: 3322063

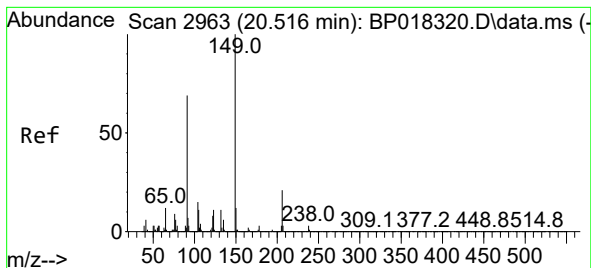
Ion Ratio Lower Upper

202 100

101 12.2 10.2 15.4

100 10.1 8.4 12.6





#83

Butylbenzylphthalate

Concen: 25.394 ng/ul

RT: 20.510 min Scan# 2963

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

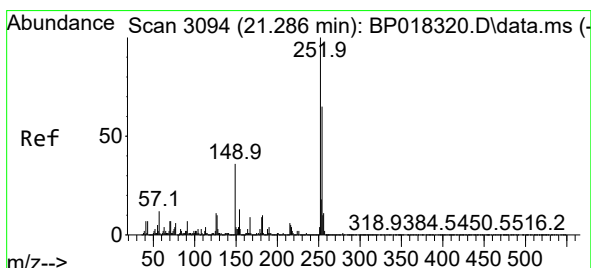
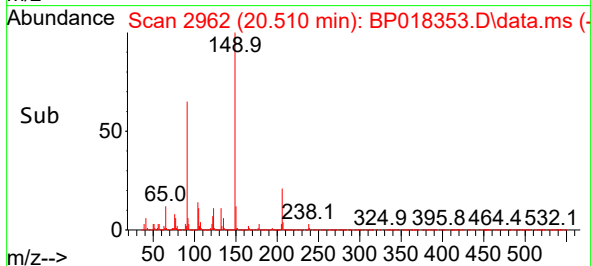
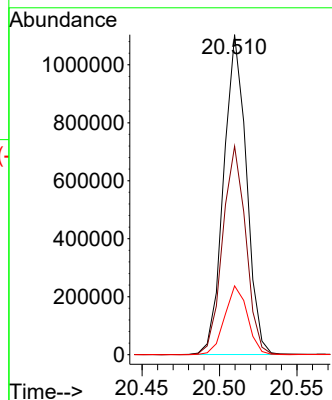
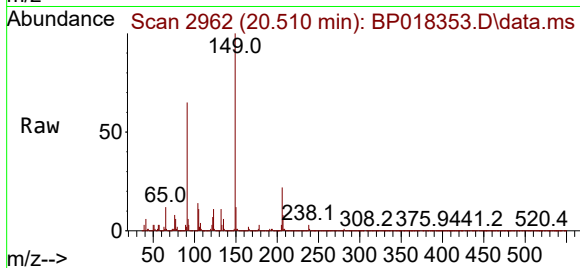
Tgt Ion:149 Resp: 1129631

Ion Ratio Lower Upper

149 100

91 65.1 53.7 80.5

206 21.5 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 34.736 ng/ul

RT: 21.280 min Scan# 3093

Delta R.T. 0.006 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

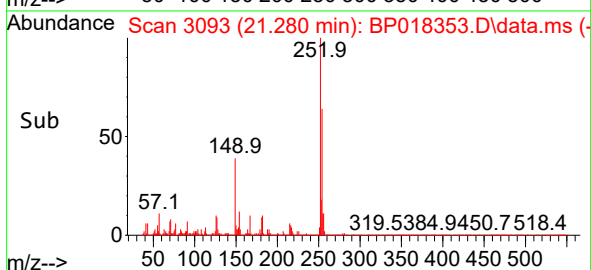
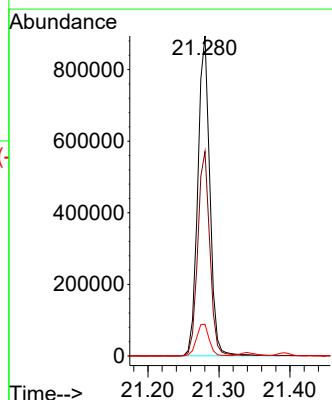
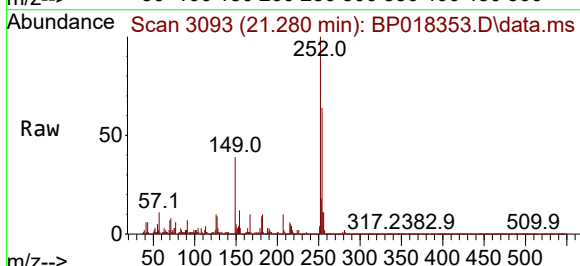
Tgt Ion:252 Resp: 1054796

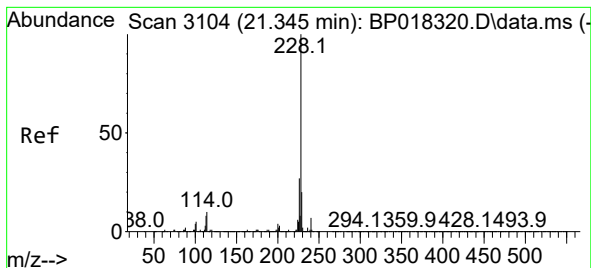
Ion Ratio Lower Upper

252 100

254 63.9 51.1 76.7

126 9.9 8.6 12.8





#85

Benzo(a)anthracene

Concen: 33.381 ng/ul

RT: 21.339 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

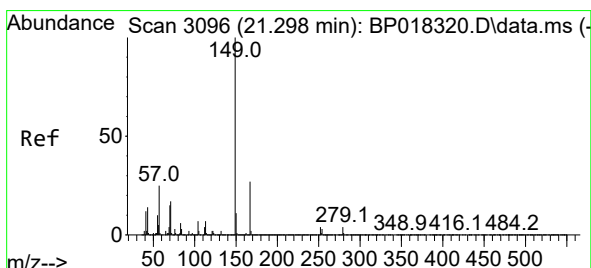
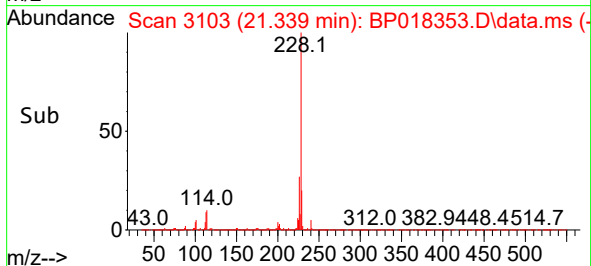
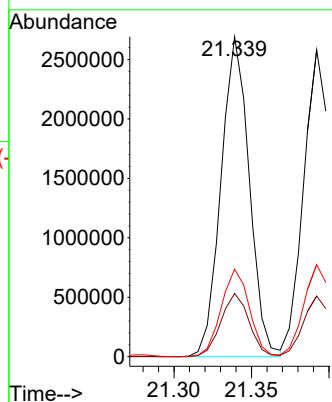
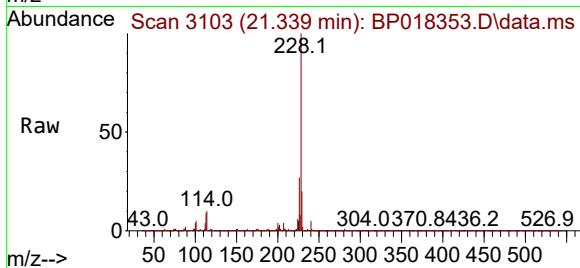
Tgt Ion:228 Resp: 3415581

Ion Ratio Lower Upper

228 100

229 19.7 16.2 24.2

226 27.4 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 26.583 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

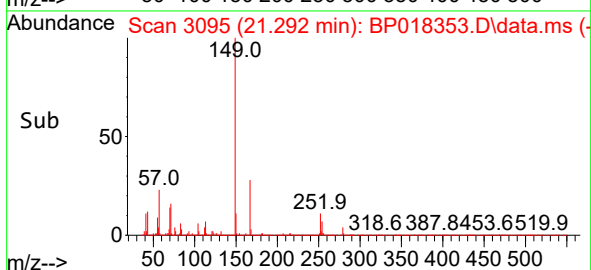
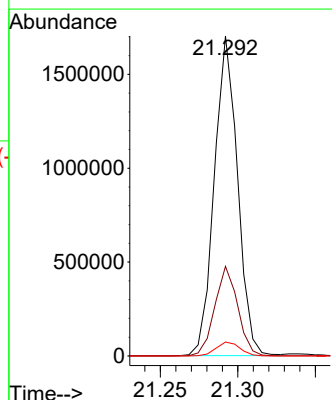
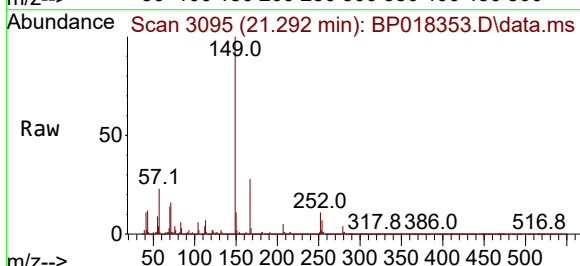
Tgt Ion:149 Resp: 1774162

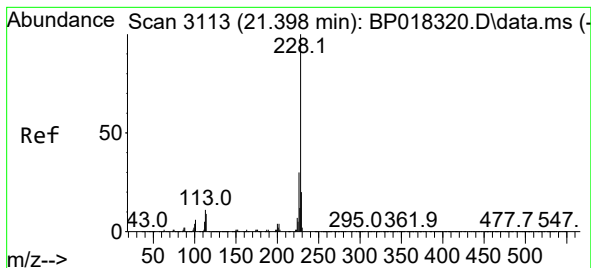
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 4.4 3.4 5.0





#87

Chrysene

Concen: 34.307 ng/ul

RT: 21.392 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

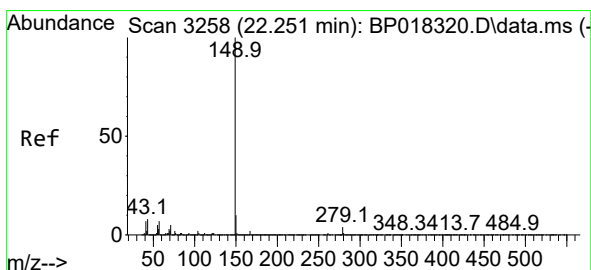
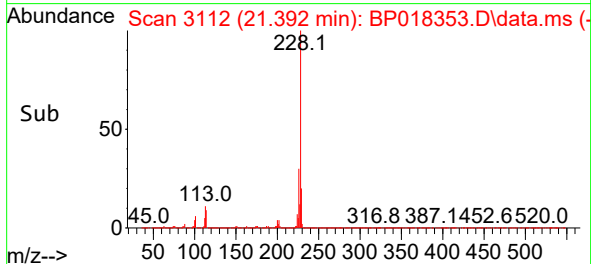
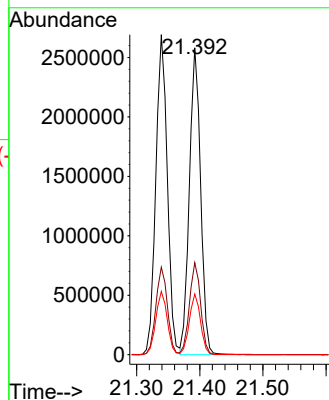
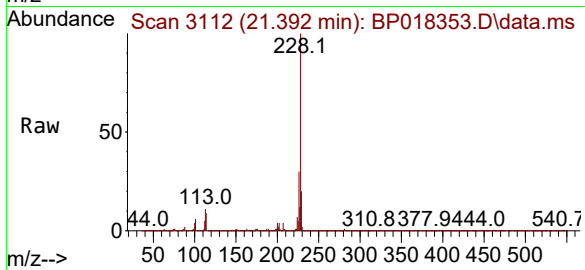
Tgt Ion:228 Resp: 3194361

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.8 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 26.065 ng/ul

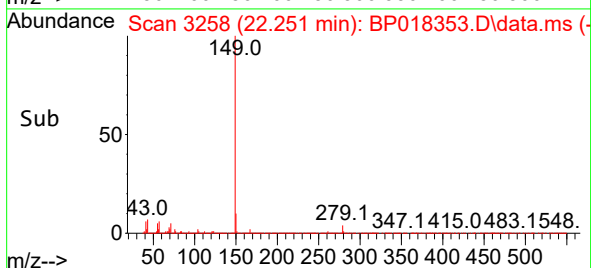
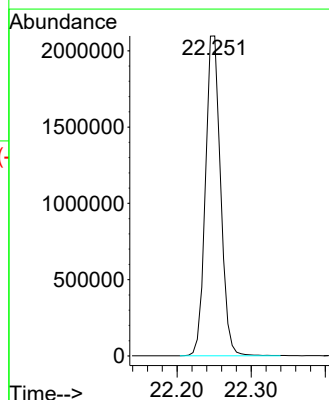
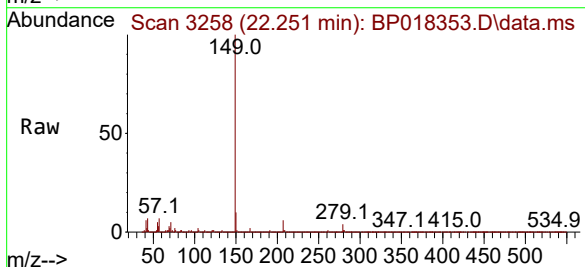
RT: 22.251 min Scan# 3258

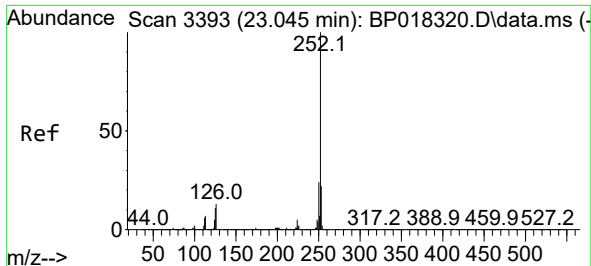
Delta R.T. 0.006 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Tgt Ion:149 Resp: 2974850

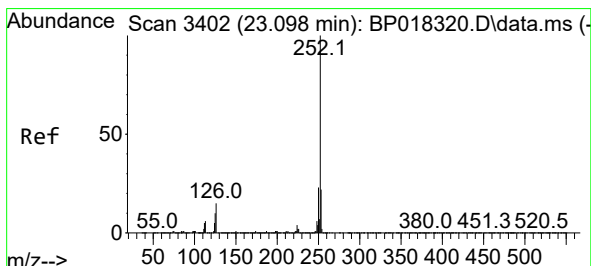
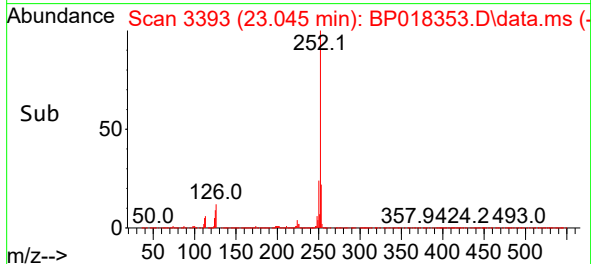
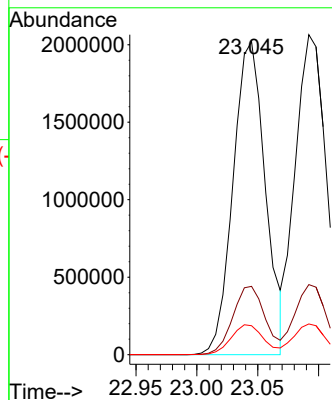
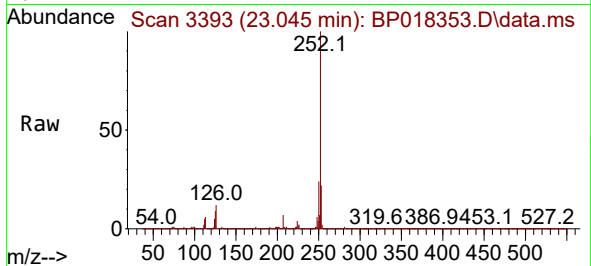




#90
Benzo(b)fluoranthene
Concen: 33.058 ng/ul
RT: 23.045 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

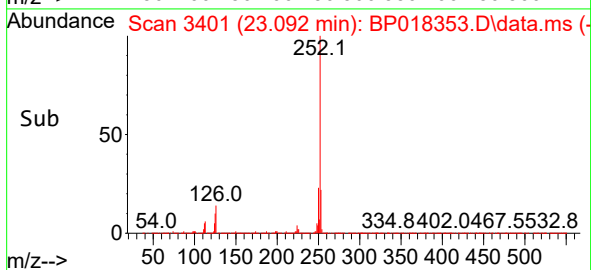
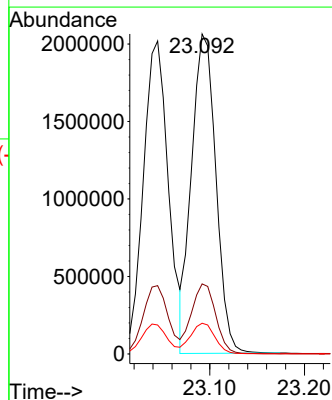
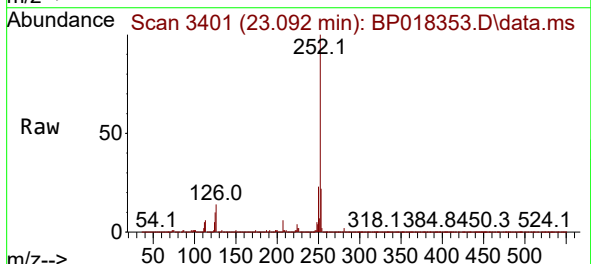
Instrument :
BNA_P
ClientSampleId :

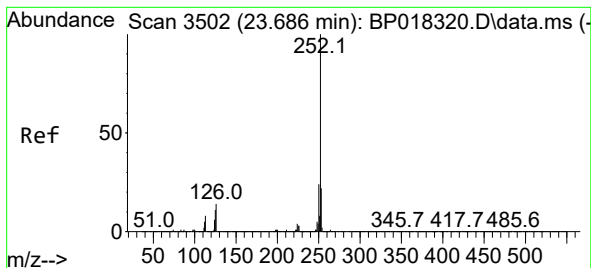
Tgt Ion:252 Resp: 3722464
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.3 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 32.784 ng/ul
RT: 23.092 min Scan# 3401
Delta R.T. 0.006 min
Lab File: BP018353.D
Acq: 25 Nov 2023 06:19

Tgt Ion:252 Resp: 3675023
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.6 8.0 12.0





#93

Benzo(a)pyrene

Concen: 34.339 ng/ul

RT: 23.680 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

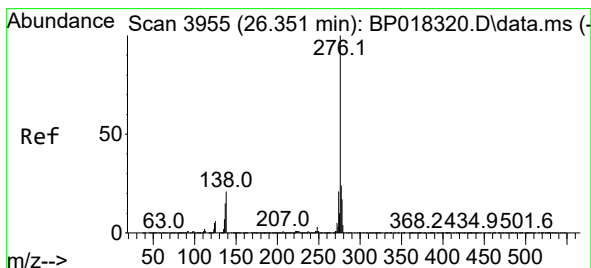
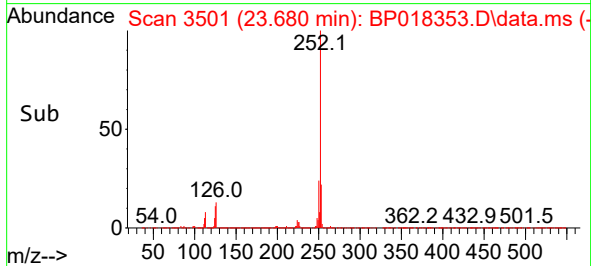
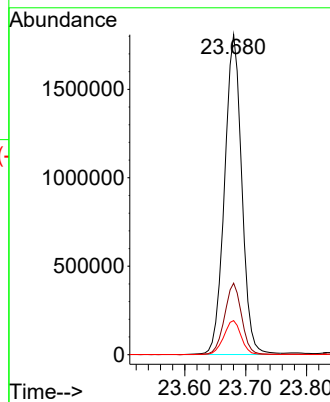
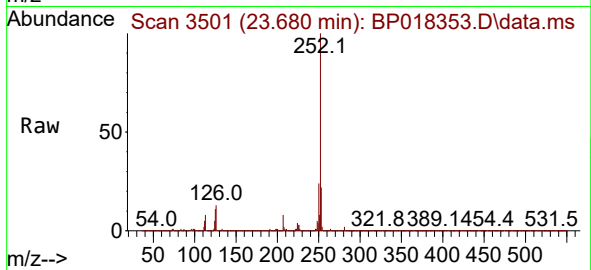
Tgt Ion:252 Resp: 3556031

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.7 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.800 ng/ul

RT: 26.362 min Scan# 3957

Delta R.T. 0.018 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

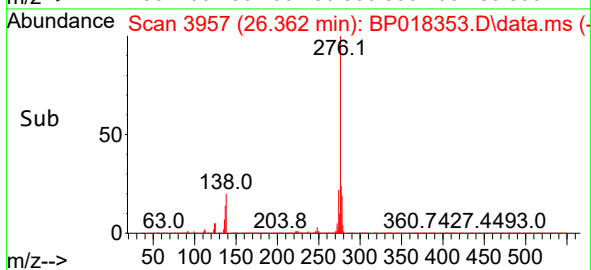
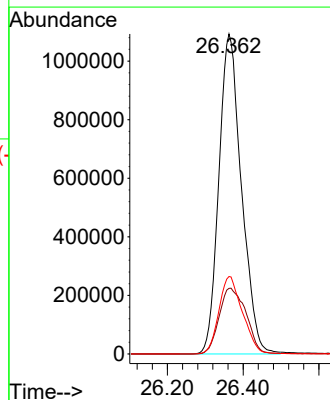
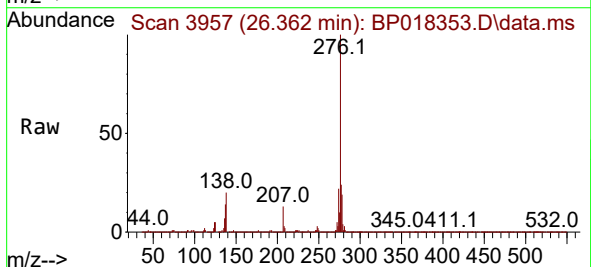
Tgt Ion:276 Resp: 4526137

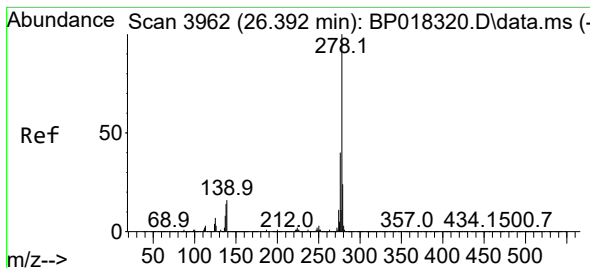
Ion Ratio Lower Upper

276 100

138 20.5 17.5 26.3

277 24.2 19.1 28.7





#95

Dibenzo(a,h)anthracene

Concen: 38.385 ng/ul

RT: 26.404 min Scan# 3964

Delta R.T. 0.024 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Instrument :

BNA_P

ClientSampleId :

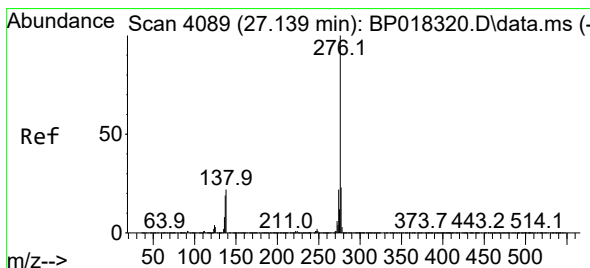
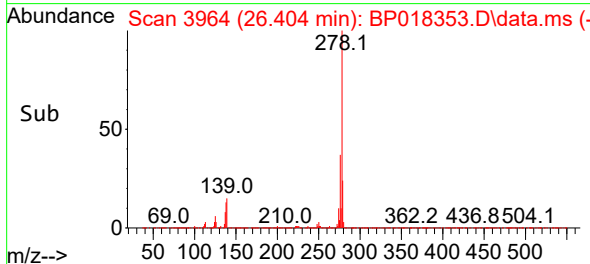
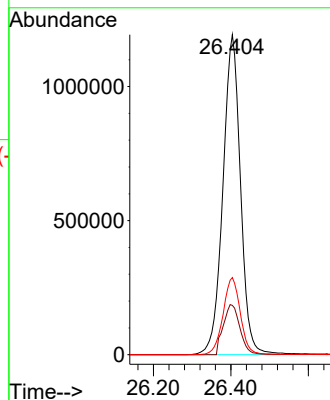
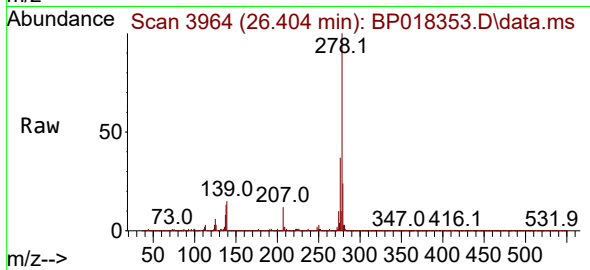
Tgt Ion:278 Resp: 3762764

Ion Ratio Lower Upper

278 100

139 15.4 13.3 19.9

279 24.1 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 38.463 ng/ul

RT: 27.151 min Scan# 4091

Delta R.T. 0.023 min

Lab File: BP018353.D

Acq: 25 Nov 2023 06:19

Tgt Ion:276 Resp: 3729871

Ion Ratio Lower Upper

276 100

138 21.2 17.7 26.5

277 24.0 18.6 28.0

