

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018034.D
 Acq On : 10 Nov 2023 20:00
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV623

Quant Time: Nov 10 21:58:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	54999	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	232383	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	147856	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	332389	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	314813	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	337147	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	12497	8.016	ng/uL	0.00
4) Pyridine-d5	3.663	84	86814	21.356	ng/ul	0.00
7) Phenol-d5	7.016	99	111510	21.001	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	75474	24.187	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	87802	20.881	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	92034	21.152	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	44898	21.445	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	50949	21.480	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	90755	21.468	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	126194	21.767	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	300678	22.040	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	323911	21.799	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	38596	18.933	ng/ul	0.00
60) Fluorene-d10	15.528	176	246820	21.914	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	49396	20.557	ng/ul	0.00
73) Anthracene-d10	17.410	188	393488	21.889	ng/ul	0.00
81) Pyrene-d10	19.663	212	455644	21.668	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.774	264	426871	21.775	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	12438	7.311	ng/uL	92
5) Pyridine	3.687	79	78072	18.608	ng/ul	97
6) Benzaldehyde	7.022	77	74060	25.899	ng/ul	98
8) Phenol	7.046	94	104999	20.046	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.293	93	79933	19.670	ng/ul	98
12) 2-Chlorophenol	7.404	128	84542	20.025	ng/ul	99
13) 2-Methylphenol	8.304	108	80297	20.289	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.363	45	51353	11.067	ng/ul	95
16) Acetophenone	8.710	105	144685	20.920	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	75531	20.003	ng/ul	97
18) 4-Methylphenol	8.640	108	86101	19.948	ng/ul	97
19) Hexachloroethane	8.904	117	39422	19.517	ng/ul	97
22) Nitrobenzene	9.098	77	115191	20.376	ng/ul	93
23) Isophorone	9.604	82	199430	19.333	ng/ul	98
25) 2-Nitrophenol	9.804	139	49591	20.346	ng/ul	99
26) 2,4-Dimethylphenol	9.845	107	87462	16.869	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.098	93	111150	19.759	ng/ul	96
29) 2,4-Dichlorophenol	10.322	162	84111	20.836	ng/ul	92
30) Naphthalene	10.722	128	276811	19.587	ng/ul	99
32) 4-Chloroaniline	10.875	127	113264	20.397	ng/ul	97
33) Hexachlorobutadiene	10.940	225	58461	19.727	ng/ul	99
34) Caprolactam	11.716	113	28724	21.419	ng/ul	98
35) 4-Chloro-3-methylphenol	11.987	107	97828	20.143	ng/ul	95
36) 2-Methylnaphthalene	12.334	142	191040	19.690	ng/ul	98

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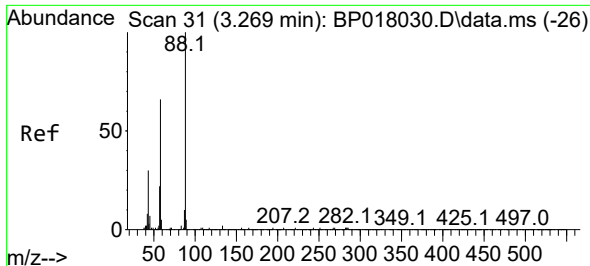
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	189983	19.055	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.692	216	107215	21.465	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	33595	13.934	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	67901	20.723	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	71443	20.718	ng/ul	93
43) 1,1'-Biphenyl	13.357	154	262735	20.897	ng/ul	98
44) 2-Chloronaphthalene	13.404	162	201099	20.146	ng/ul	99
45) 2-Nitroaniline	13.657	65	67811	21.052	ng/ul	98
47) Dimethylphthalate	13.998	163	271409	20.281	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	58915	22.149	ng/ul	99
50) Acenaphthylene	14.257	152	341635	20.365	ng/ul	100
51) 3-Nitroaniline	14.498	138	56240	22.786	ng/ul	98
52) Acenaphthene	14.592	153	218362	19.630	ng/ul	98
53) 2,4-Dinitrophenol	14.716	184	25020	17.242	ng/ul	96
55) 4-Nitrophenol	14.798	109	54477	20.132	ng/ul	99
56) Dibenzofuran	14.933	168	319371	20.950	ng/ul	98
57) 2,4-Dinitrotoluene	14.945	165	80478	20.251	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.157	232	67075	21.865	ng/ul	97
59) Diethylphthalate	15.351	149	278500	19.920	ng/ul	99
61) Fluorene	15.586	166	257340	19.883	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	125286	19.754	ng/ul	98
63) 4-Nitroaniline	15.669	138	53776	23.088	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.698	198	45175	18.118	ng/ul	93
67) N-Nitrosodiphenylamine	15.810	169	222511	20.874	ng/ul	100
68) 4-Bromophenyl-phenylether	16.480	248	73977	19.747	ng/ul	92
69) Hexachlorobenzene	16.563	284	84673	20.255	ng/ul	95
70) Atrazine	16.769	200	84216	22.648	ng/ul	99
71) Pentachlorophenol	16.939	266	45999	18.128	ng/ul	97
72) Phenanthrene	17.351	178	414585	20.314	ng/ul	100
74) Anthracene	17.445	178	414342	19.895	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	105407	20.766	ng/ul	96
76) Pentachlorobenzene	14.822	250	99166	19.957	ng/ul	97
77) Carbazole	17.739	167	378643	20.936	ng/ul	99
78) Di-n-butylphthalate	18.245	149	455734	19.860	ng/ul	98
80) Fluoranthene	19.333	202	486116	19.794	ng/ul	99
82) Pyrene	19.692	202	510441	19.835	ng/ul	99
83) Butylbenzylphthalate	20.557	149	213875	19.762	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.363	252	176626	23.483	ng/ul	96
85) Benzo(a)anthracene	21.415	228	496033	19.513	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	291744	19.553	ng/ul	100
87) Chrysene	21.474	228	467592	19.662	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	495558	19.654	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	489985	20.421	ng/ul	99
91) Benzo(k)fluoranthene	23.209	252	452954	18.763	ng/ul	100
93) Benzo(a)pyrene	23.827	252	423171	18.676	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.598	276	543305	19.992	ng/ul	99
95) Dibenzo(a,h)anthracene	26.621	278	444969	19.885	ng/ul	98
96) Benzo(g,h,i)perylene	27.427	276	432672	19.905	ng/ul	96

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

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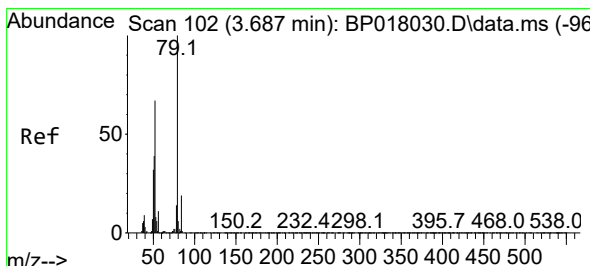
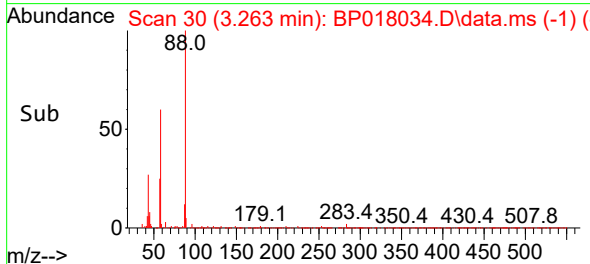
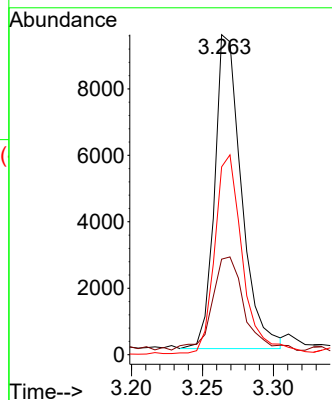
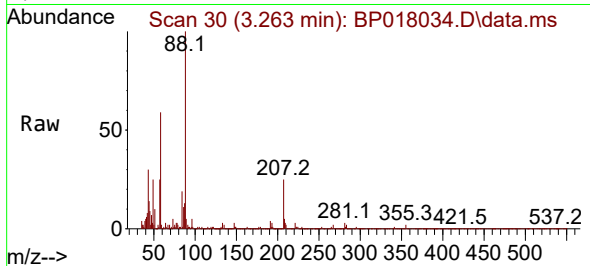




#2
1,4-Dioxane
Concen: 7.311 ng/uL
RT: 3.263 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

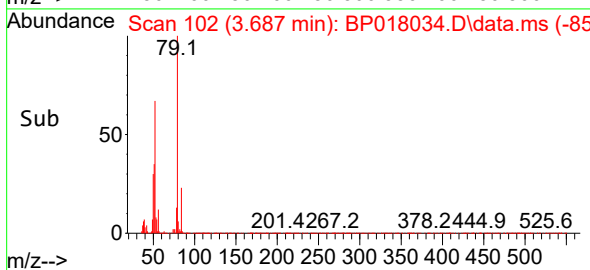
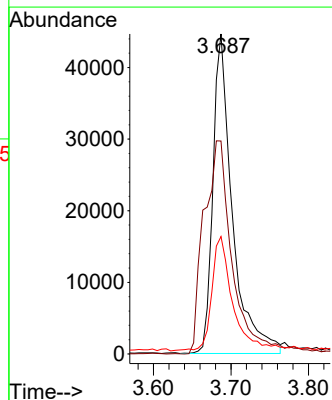
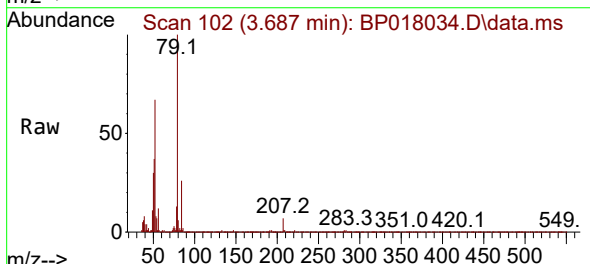
Instrument :
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ClientSampleId :
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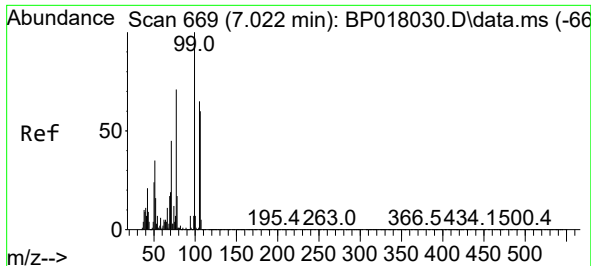
Tgt Ion: 88	Resp: 12438
Ion Ratio	Lower Upper
88 100	
43 29.8	25.4 38.2
58 58.7	53.3 79.9



#5
Pyridine
Concen: 18.608 ng/uL
RT: 3.687 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion: 79	Resp: 78072
Ion Ratio	Lower Upper
79 100	
52 66.5	53.9 80.9
51 36.7	32.2 48.2

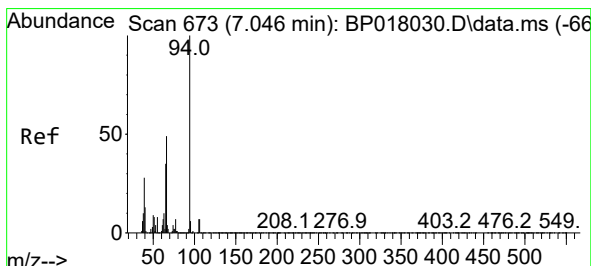
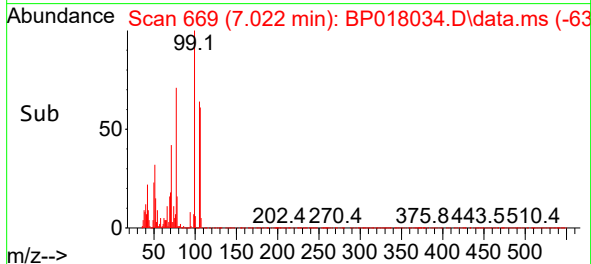
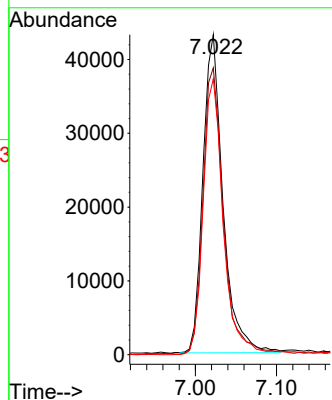
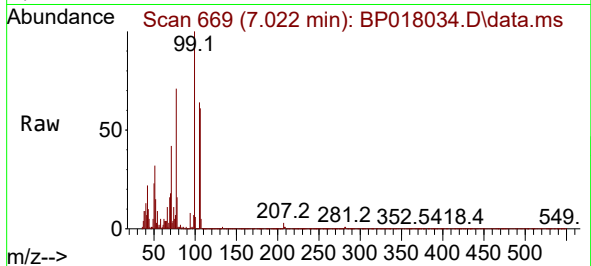




#6
Benzaldehyde
Concen: 25.899 ng/ul
RT: 7.022 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

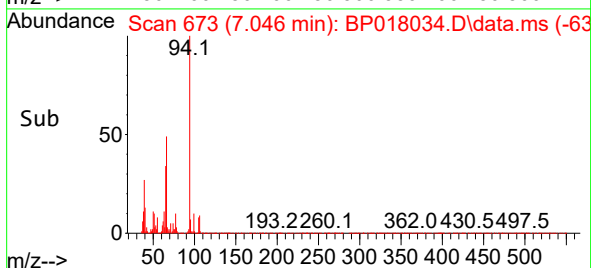
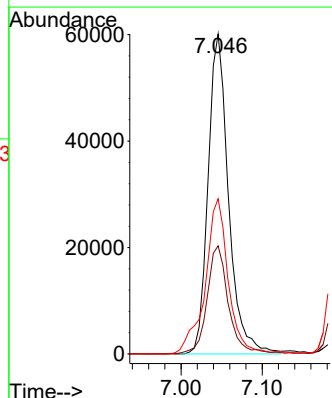
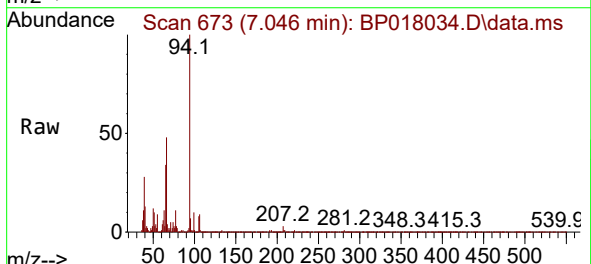
Instrument :
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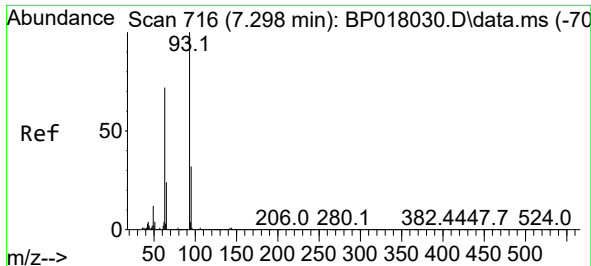
Tgt Ion: 77 Resp: 74060
Ion Ratio Lower Upper
77 100
105 89.6 72.7 109.1
106 86.2 67.5 101.3



#8
Phenol
Concen: 20.046 ng/ul
RT: 7.046 min Scan# 673
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion: 94 Resp: 104999
Ion Ratio Lower Upper
94 100
65 33.8 28.2 42.2
66 48.5 40.3 60.5

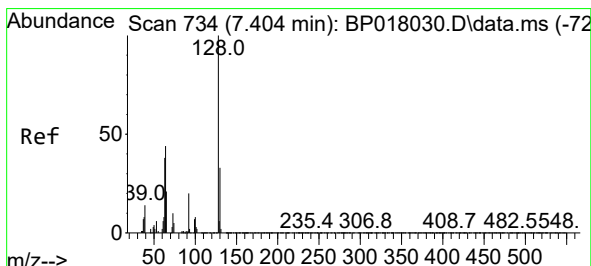
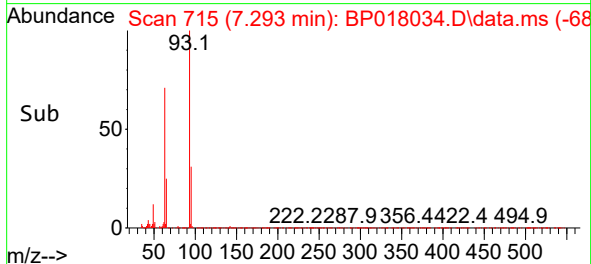
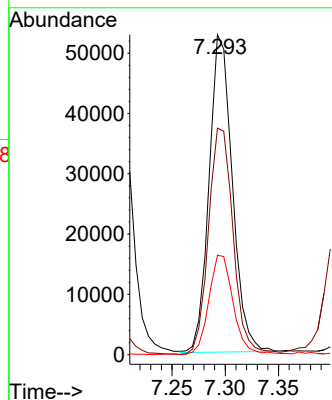
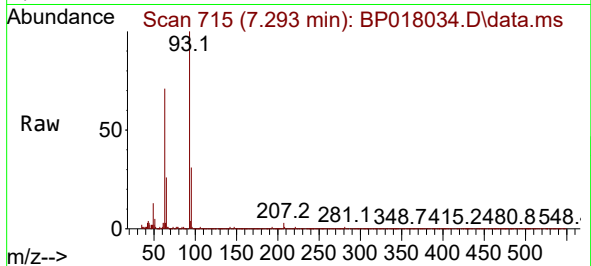




#10
Bis(2-Chloroethyl)ether
Concen: 19.670 ng/ul
RT: 7.293 min Scan# 716
Delta R.T. -0.006 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

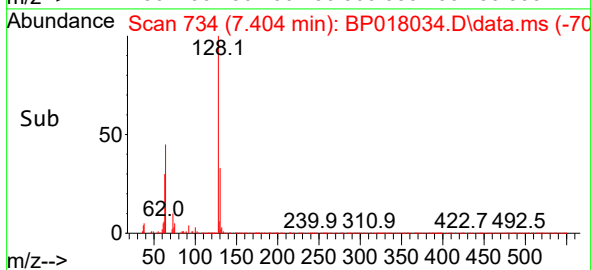
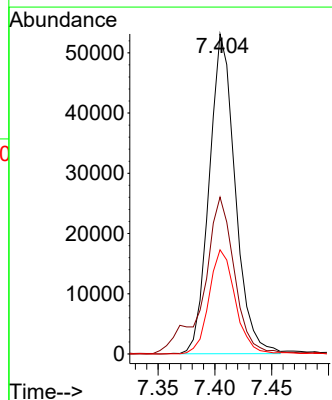
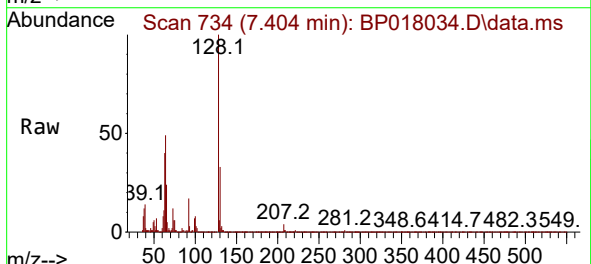
Instrument :
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ClientSampleId :
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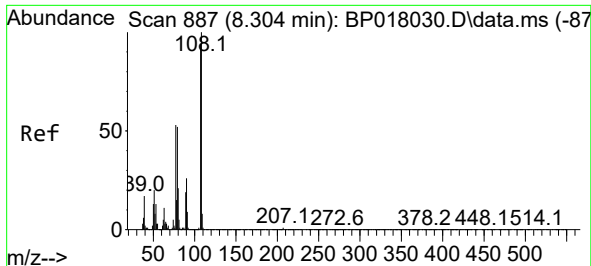
Tgt Ion: 93 Resp: 79933
Ion Ratio Lower Upper
93 100
63 70.8 57.8 86.6
95 31.1 25.5 38.3



#12
2-Chlorophenol
Concen: 20.025 ng/ul
RT: 7.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion: 128 Resp: 84542
Ion Ratio Lower Upper
128 100
64 49.0 39.2 58.8
130 32.5 26.6 40.0

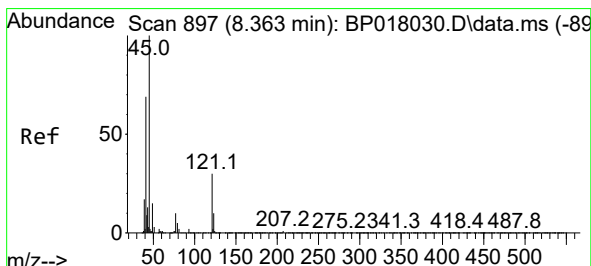
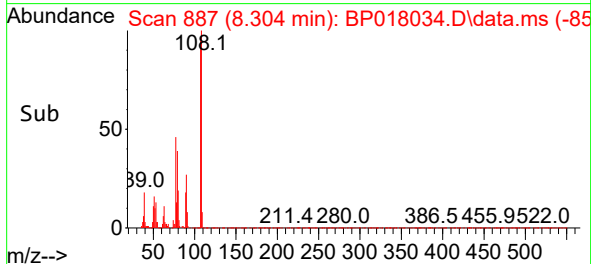
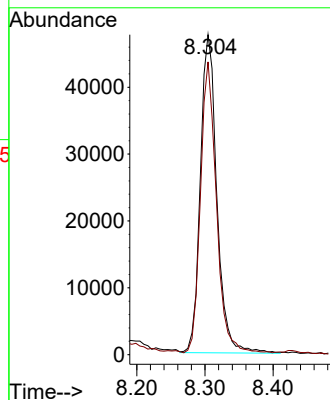
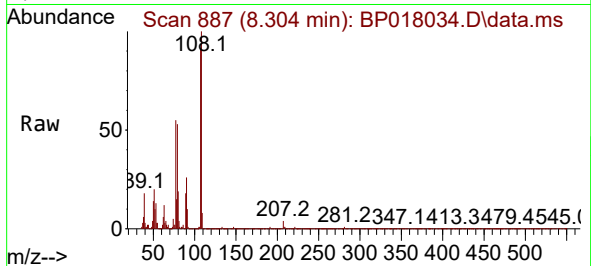




#13
2-Methylphenol
Concen: 20.289 ng/ul
RT: 8.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

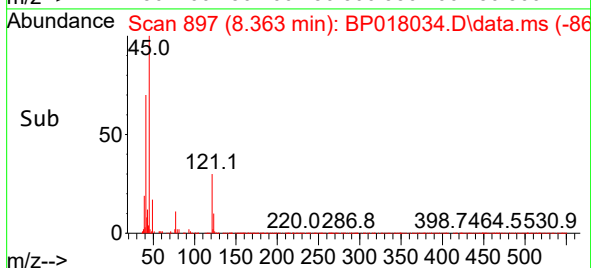
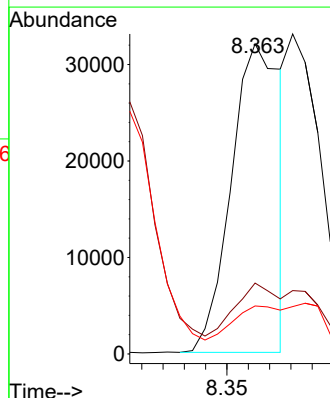
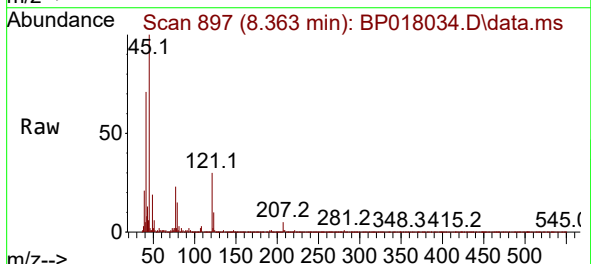
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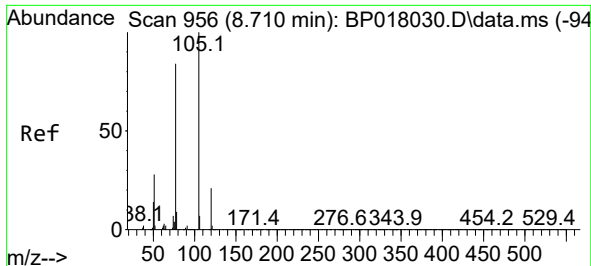
Tgt Ion:108 Resp: 80297
Ion Ratio Lower Upper
108 100
107 91.5 75.2 112.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 11.067 ng/ul
RT: 8.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion: 45 Resp: 51353
Ion Ratio Lower Upper
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77 22.9 16.1 24.1
79 15.5 11.1 16.7

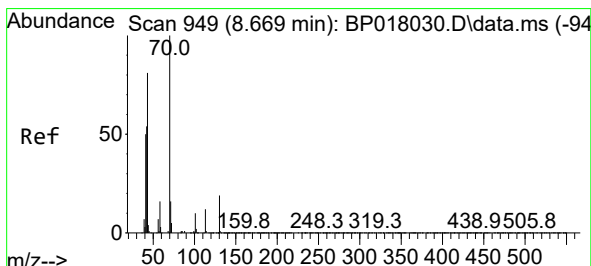
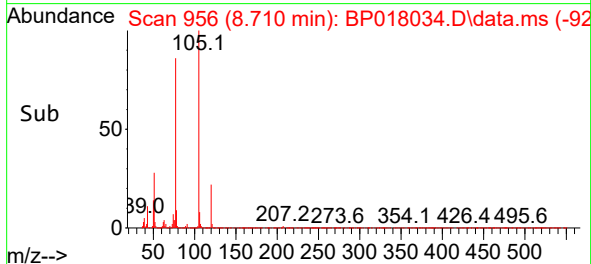
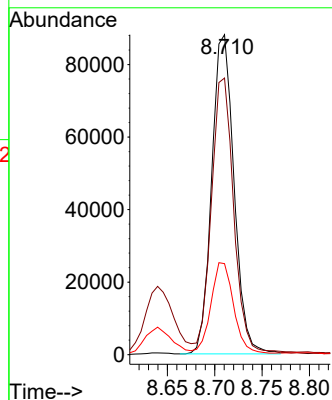
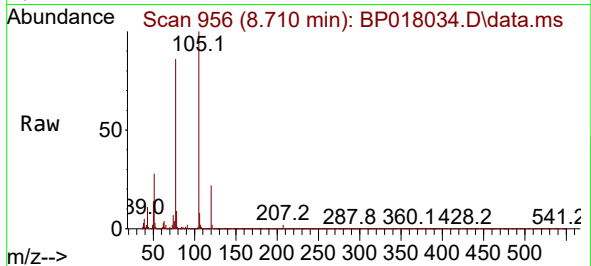




#16
Acetophenone
Concen: 20.920 ng/ul
RT: 8.710 min Scan# 956
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

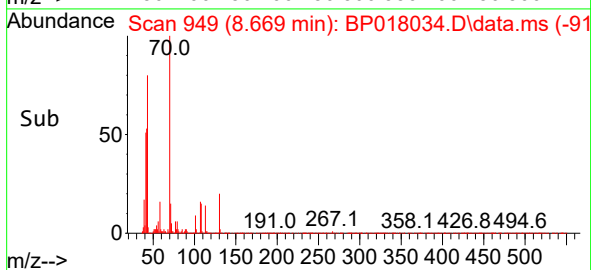
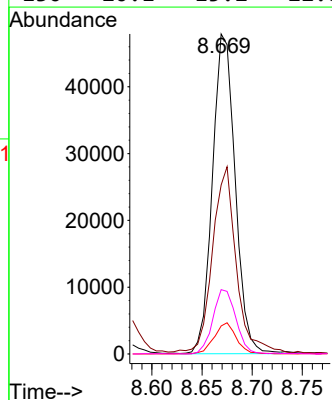
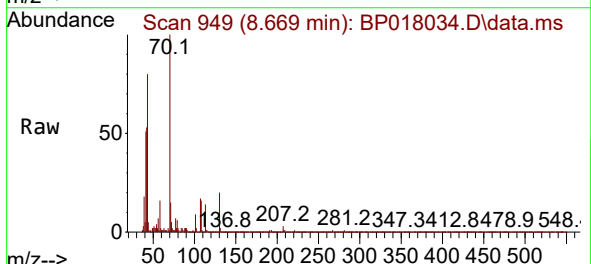
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ClientSampleId :
SICV623

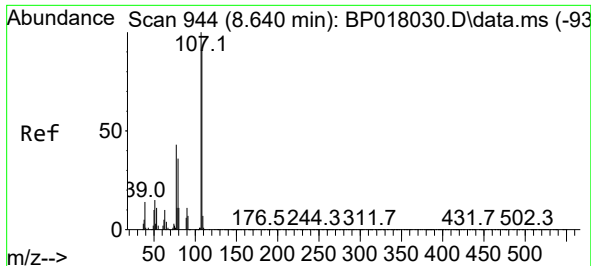
Tgt Ion:105 Resp: 144685
Ion Ratio Lower Upper
105 100
77 86.5 70.1 105.1
51 28.5 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 20.003 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion: 70 Resp: 75531
Ion Ratio Lower Upper
70 100
42 52.8 43.7 65.5
101 8.7 8.2 12.4
130 20.1 15.2 22.8





#18

4-Methylphenol

Concen: 19.948 ng/ul

RT: 8.640 min Scan# 944

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

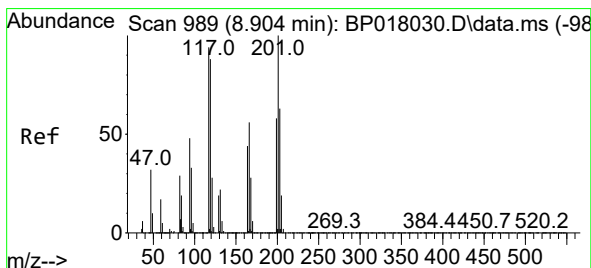
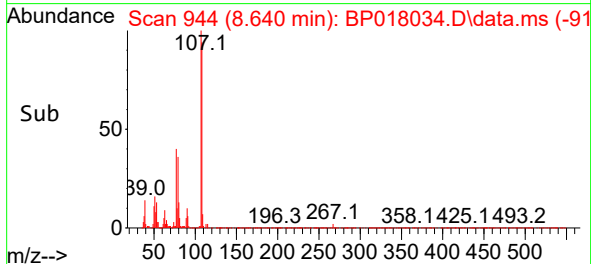
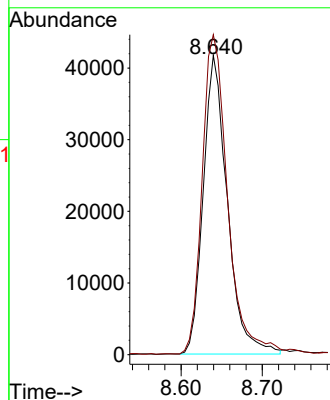
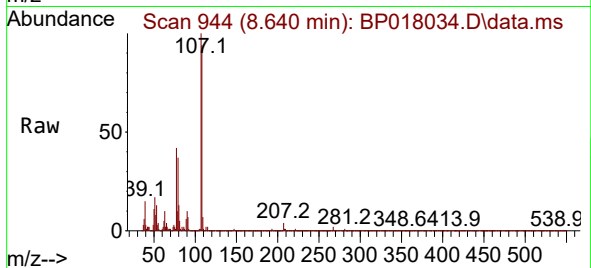
SICV623

Tgt Ion:108 Resp: 86101

Ion Ratio Lower Upper

108 100

107 106.9 88.2 132.4



#19

Hexachloroethane

Concen: 19.517 ng/ul

RT: 8.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

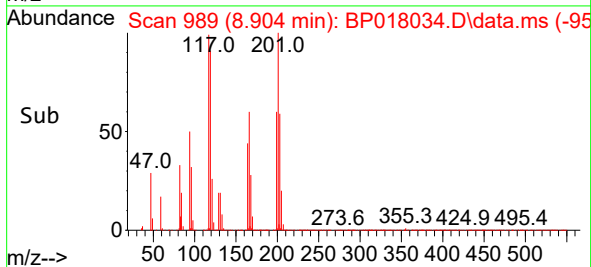
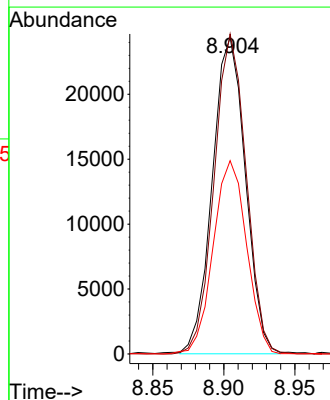
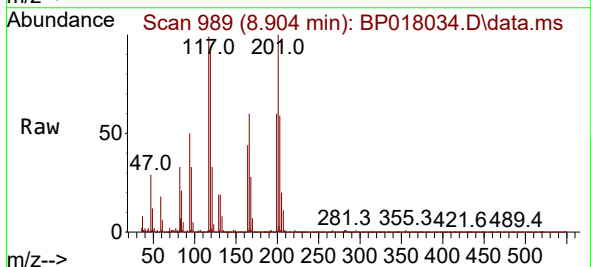
Tgt Ion:117 Resp: 39422

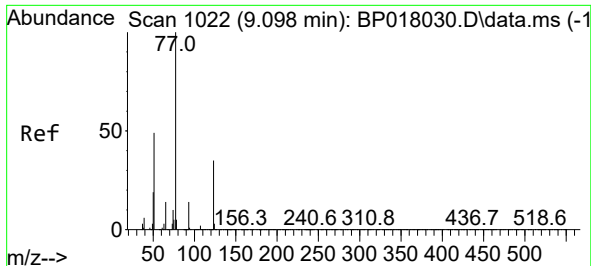
Ion Ratio Lower Upper

117 100

201 101.1 84.8 127.2

199 61.0 49.0 73.4

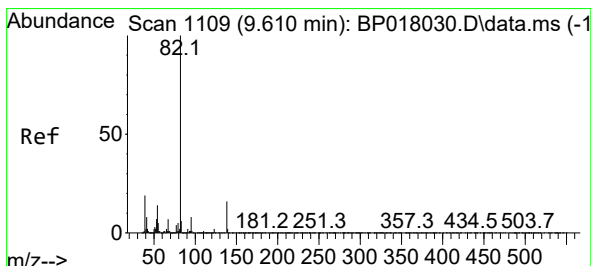
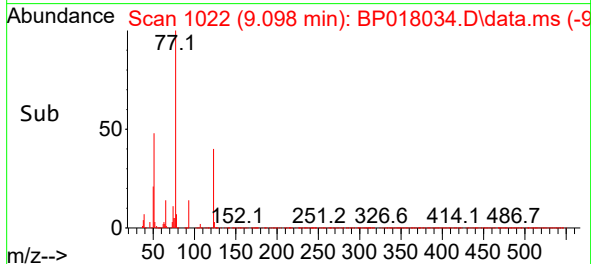
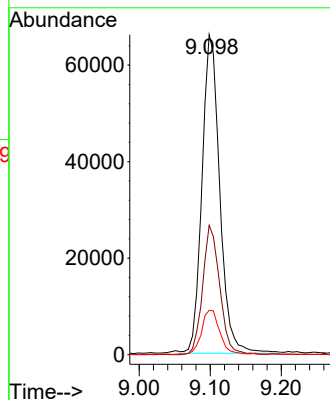
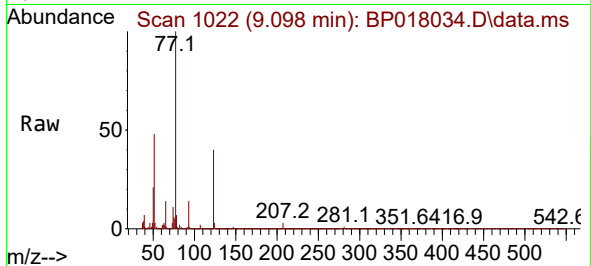




#22
Nitrobenzene
Concen: 20.376 ng/ul
RT: 9.098 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

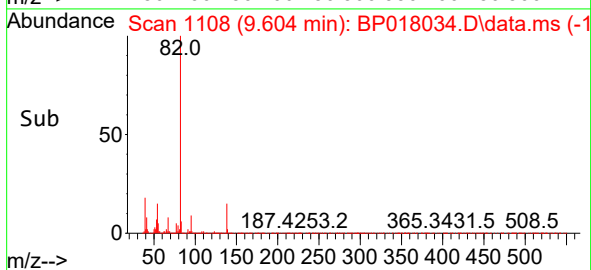
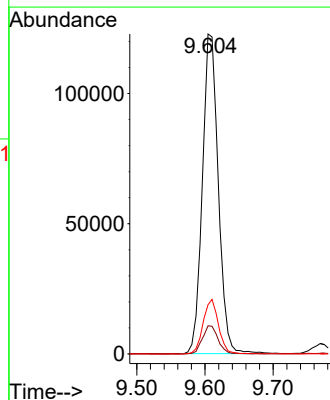
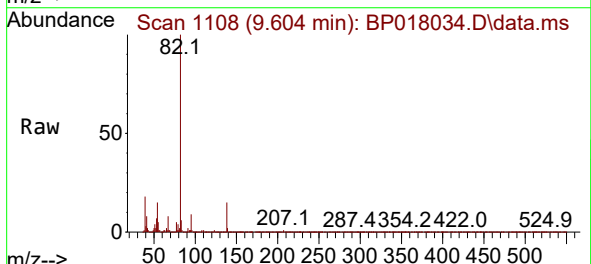
Instrument :
BNA_P
ClientSampleId :
SICV623

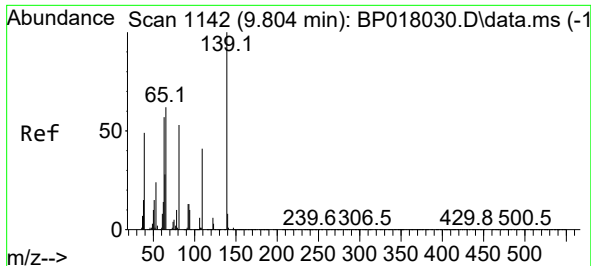
Tgt Ion: 77 Resp: 115191
Ion Ratio Lower Upper
77 100
123 40.4 27.8 41.8
65 13.8 11.5 17.3



#23
Isophorone
Concen: 19.333 ng/ul
RT: 9.604 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion: 82 Resp: 199430
Ion Ratio Lower Upper
82 100
95 8.8 6.6 9.8
138 15.4 13.1 19.7

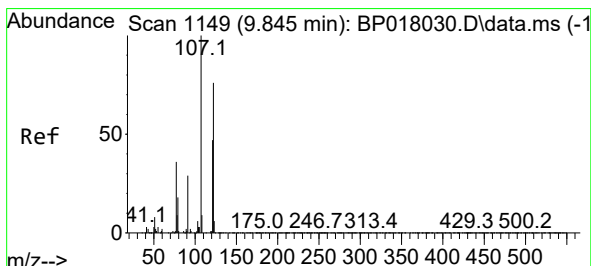
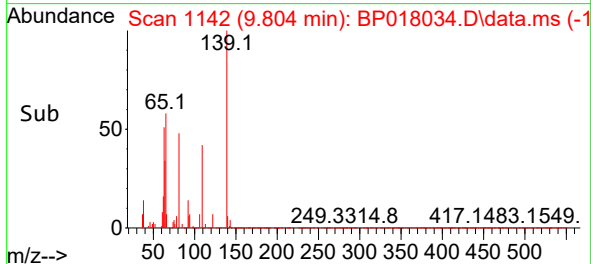
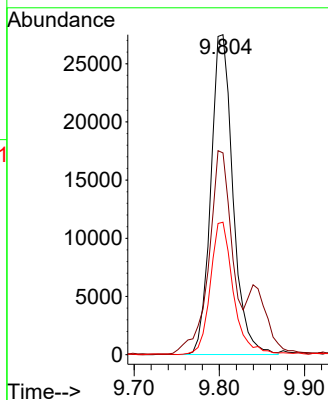
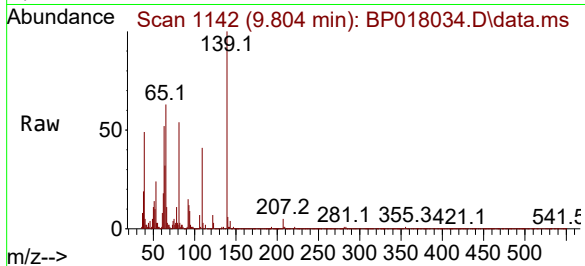




#25
2-Nitrophenol
Concen: 20.346 ng/ul
RT: 9.804 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

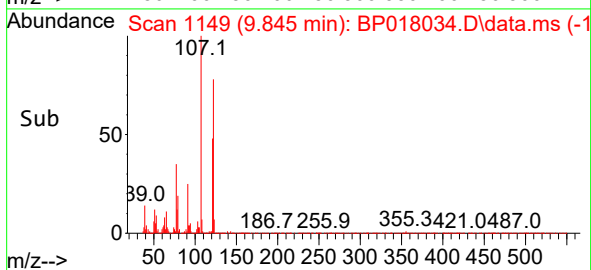
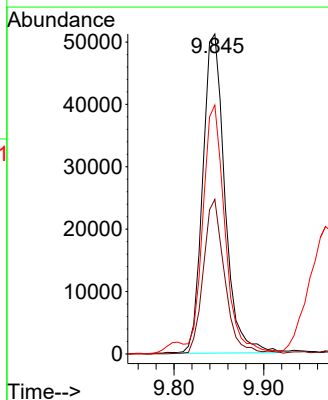
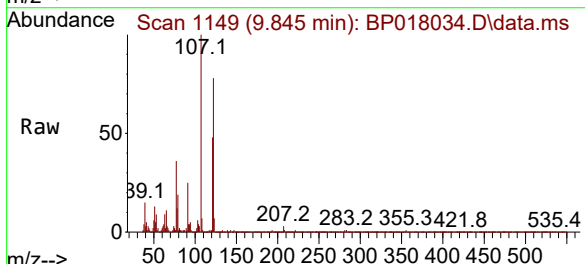
Instrument :
BNA_P
ClientSampleId :
SICV623

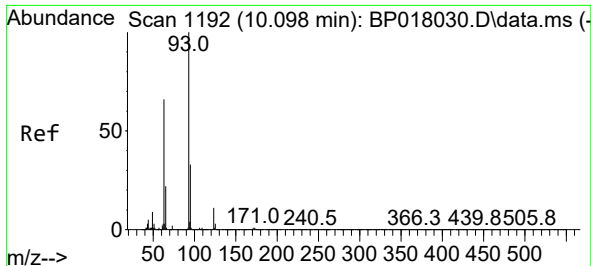
Tgt Ion	Ratio	Lower	Upper
139	100		
65	63.0	51.4	77.0
109	41.4	33.1	49.7



#26
2,4-Dimethylphenol
Concen: 16.869 ng/ul
RT: 9.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion	Ratio	Lower	Upper
107	100		
121	48.3	37.8	56.8
122	77.8	62.1	93.1





#27

Bis(2-Chloroethoxy)methane

Concen: 19.759 ng/ul

RT: 10.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

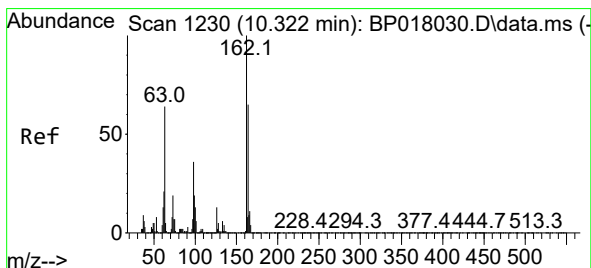
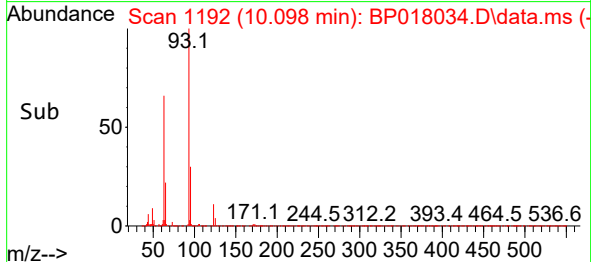
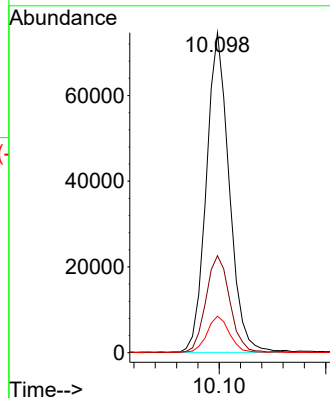
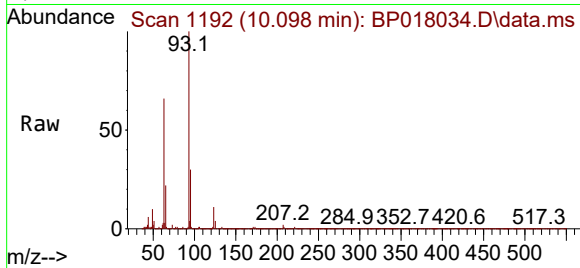
Tgt Ion: 93 Resp: 111150

Ion Ratio Lower Upper

93 100

95 30.3 26.2 39.2

123 11.4 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 20.836 ng/ul

RT: 10.322 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

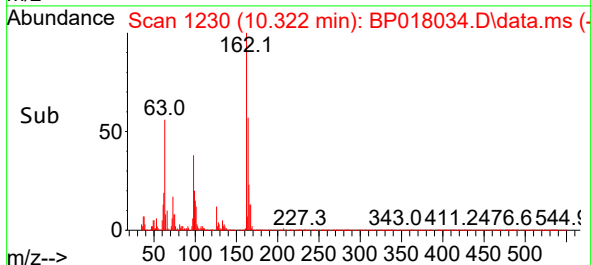
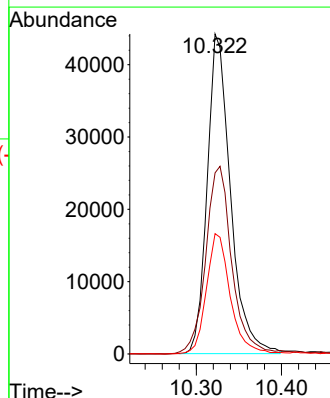
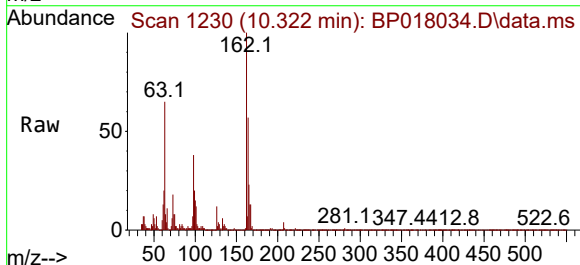
Tgt Ion:162 Resp: 84111

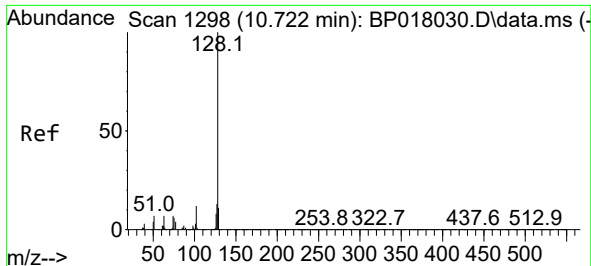
Ion Ratio Lower Upper

162 100

164 56.6 51.8 77.6

98 37.6 28.7 43.1

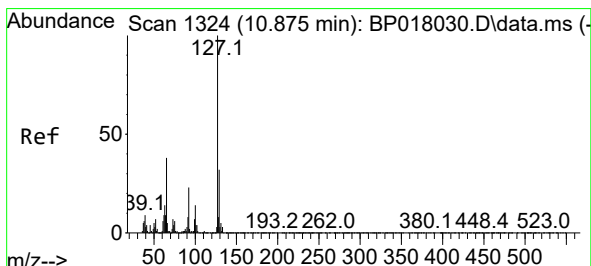
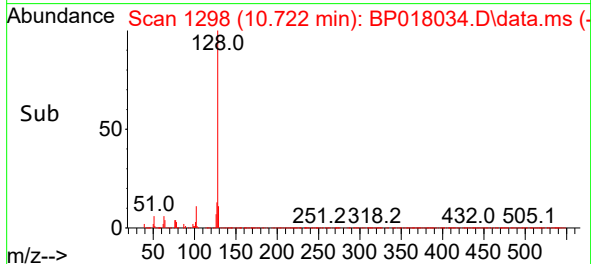
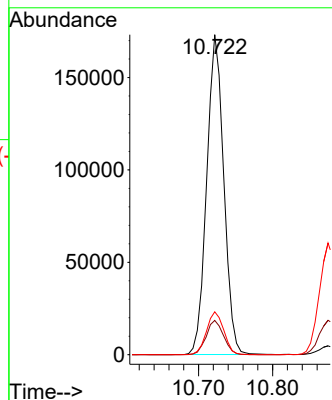
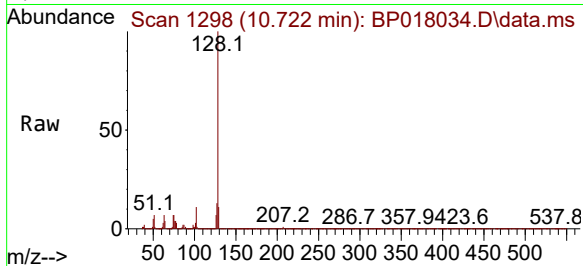




#30
Naphthalene
Concen: 19.587 ng/ul
RT: 10.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

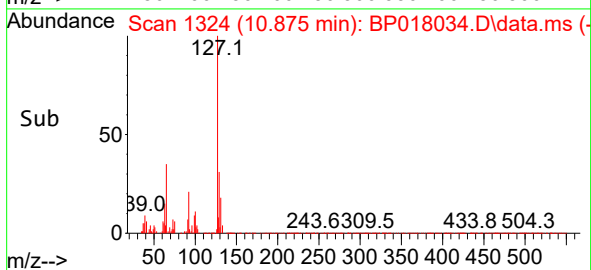
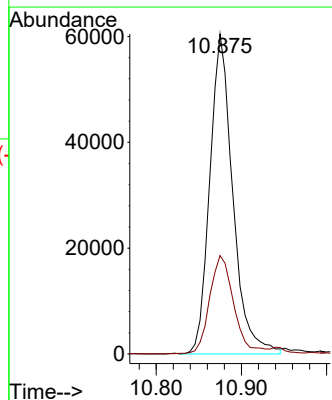
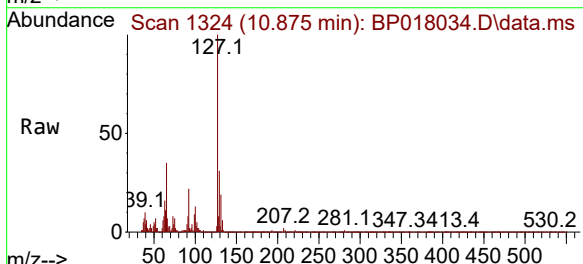
Instrument :
BNA_P
ClientSampleId :
SICV623

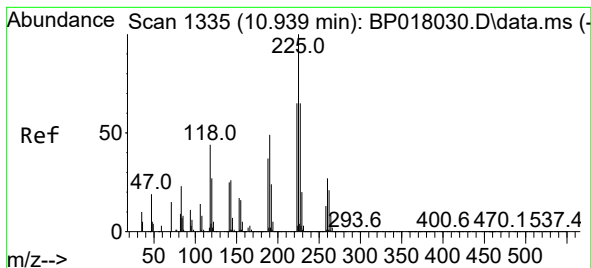
Tgt Ion:128 Resp: 276811
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.4 10.3 15.5



#32
4-Chloroaniline
Concen: 20.397 ng/ul
RT: 10.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:127 Resp: 113264
Ion Ratio Lower Upper
127 100
129 30.7 26.1 39.1





#33

Hexachlorobutadiene

Concen: 19.727 ng/ul

RT: 10.940 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

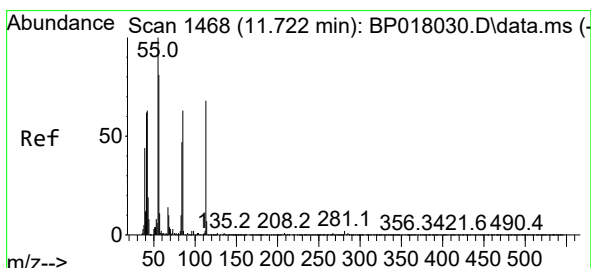
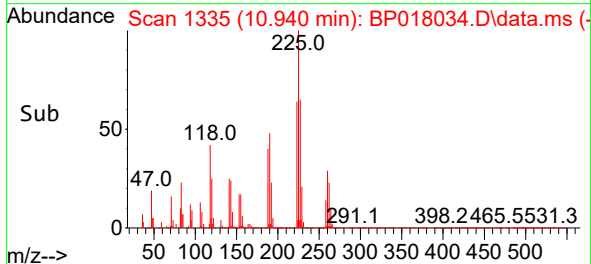
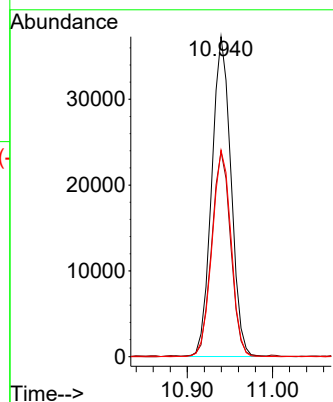
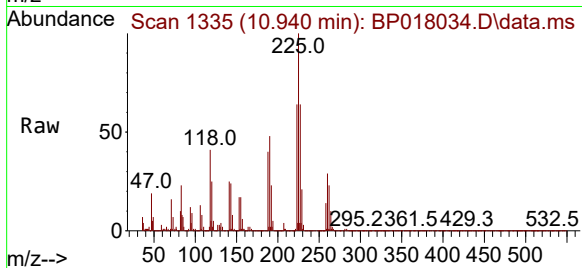
Tgt Ion:225 Resp: 58461

Ion Ratio Lower Upper

225 100

223 64.1 52.5 78.7

227 64.5 51.9 77.9



#34

Caprolactam

Concen: 21.419 ng/ul

RT: 11.716 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

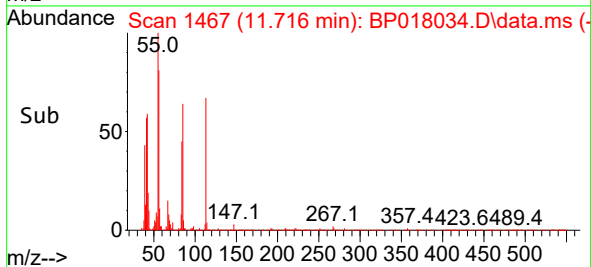
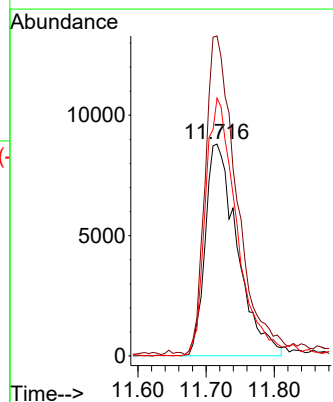
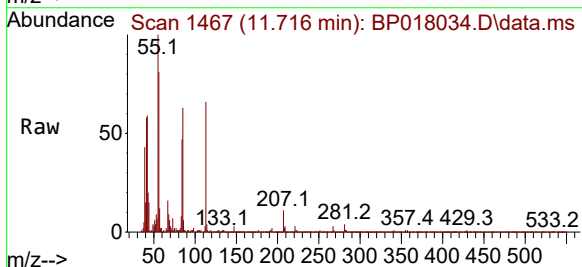
Tgt Ion:113 Resp: 28724

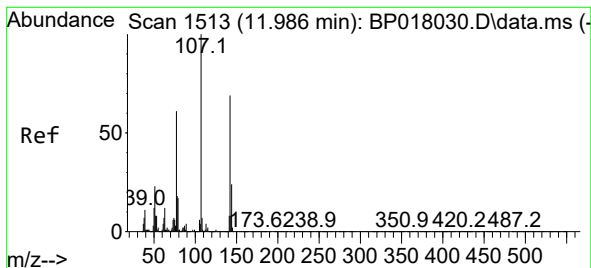
Ion Ratio Lower Upper

113 100

55 151.0 118.3 177.5

56 121.6 95.6 143.4

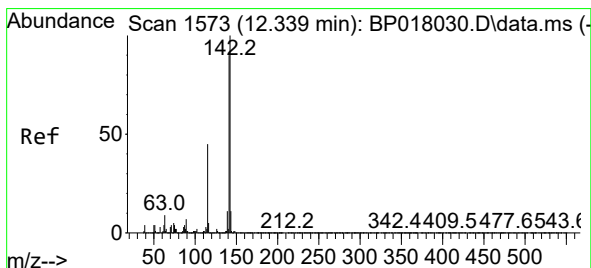
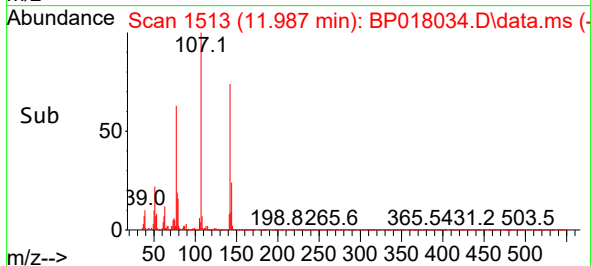
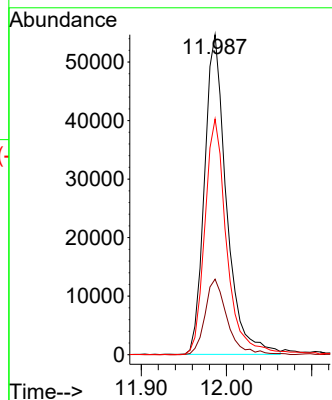
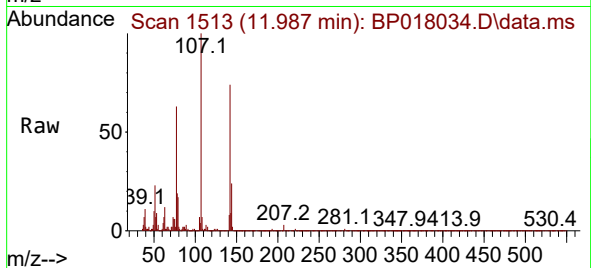




#35
4-Chloro-3-methylphenol
Concen: 20.143 ng/ul
RT: 11.987 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

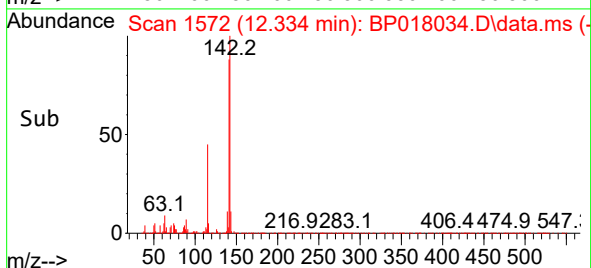
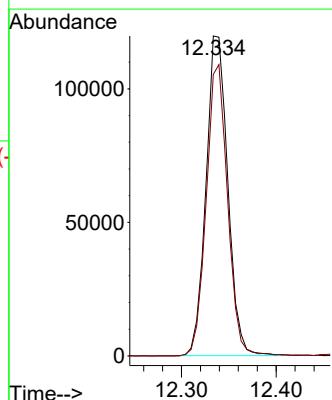
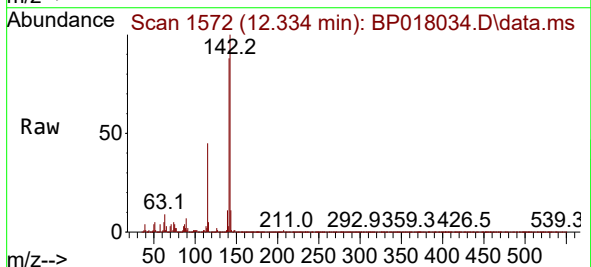
Instrument :
BNA_P
ClientSampleId :
SICV623

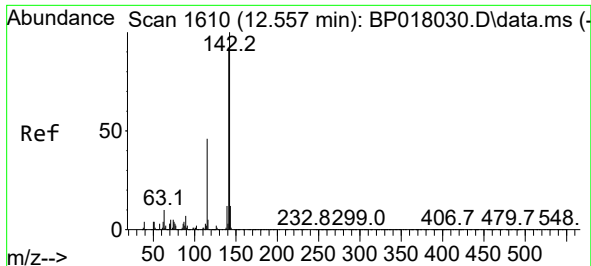
Tgt Ion:107 Resp: 97828
Ion Ratio Lower Upper
107 100
144 23.6 19.1 28.7
142 73.6 54.8 82.2



#36
2-Methylnaphthalene
Concen: 19.690 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:142 Resp: 191040
Ion Ratio Lower Upper
142 100
141 88.0 71.7 107.5





#37

1-Methylnaphthalene

Concen: 19.055 ng/ul

RT: 12.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

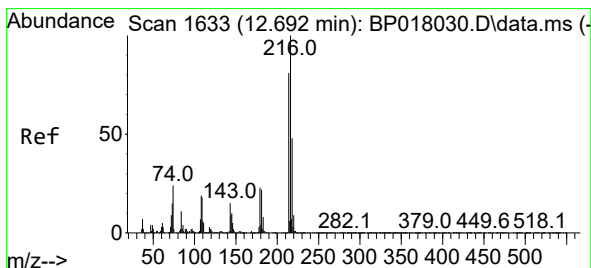
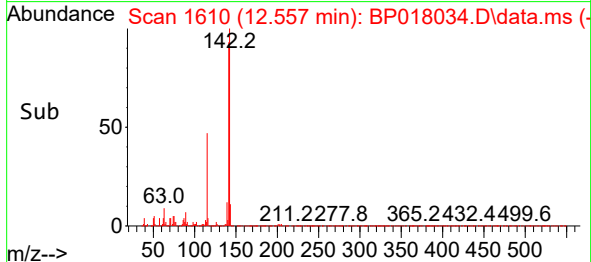
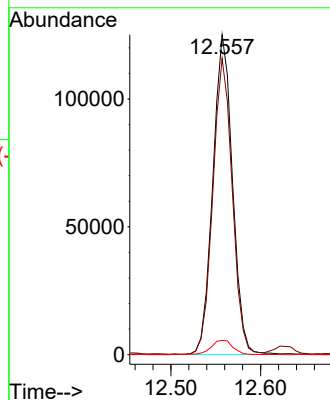
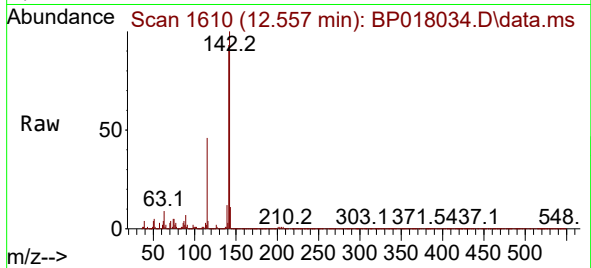
Tgt Ion:142 Resp: 189983

Ion Ratio Lower Upper

142 100

141 92.6 72.8 109.2

116 4.5 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.465 ng/ul

RT: 12.692 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Tgt Ion:216 Resp: 107215

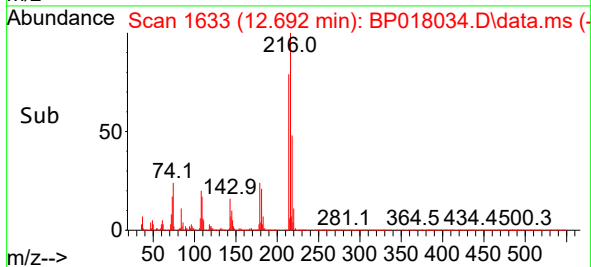
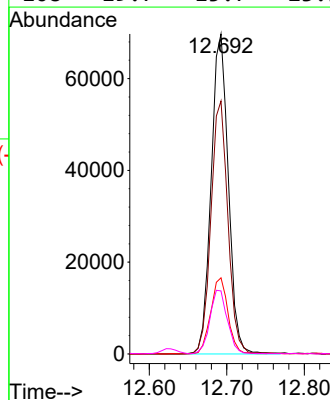
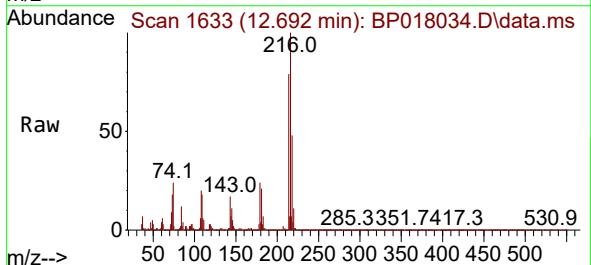
Ion Ratio Lower Upper

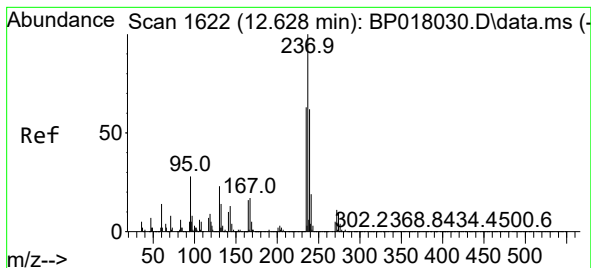
216 100

214 79.1 64.8 97.2

179 23.8 18.3 27.5

108 19.7 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 13.934 ng/ul

RT: 12.628 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

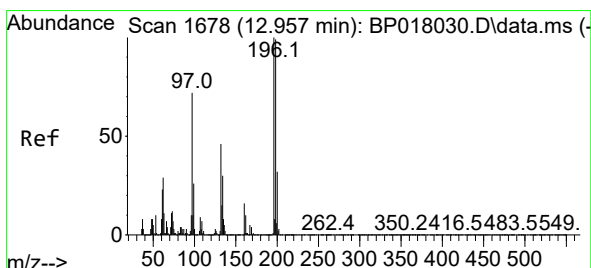
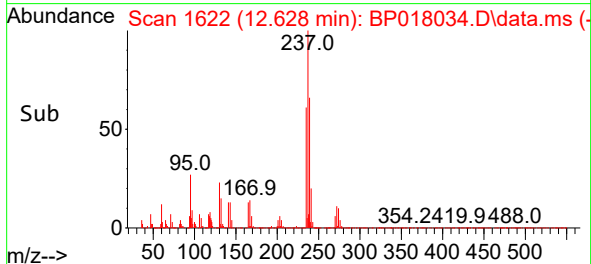
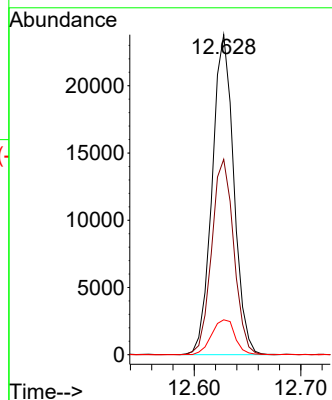
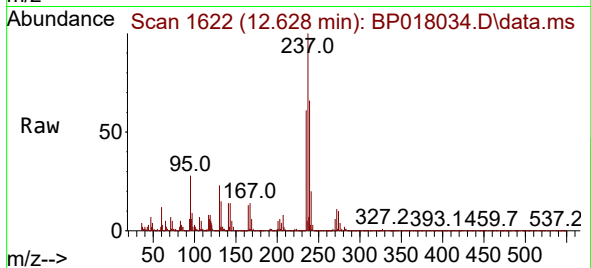
Tgt Ion:237 Resp: 33595

Ion Ratio Lower Upper

237 100

235 61.0 49.9 74.9

272 10.9 8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 20.723 ng/ul

RT: 12.957 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

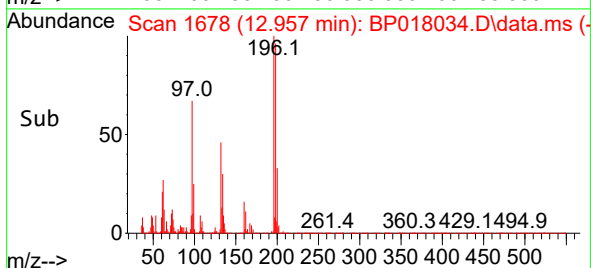
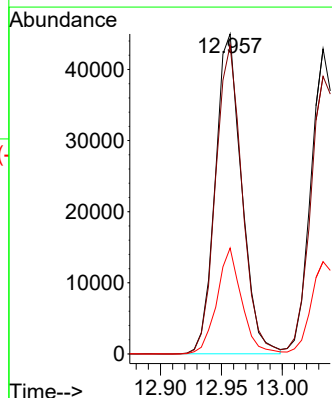
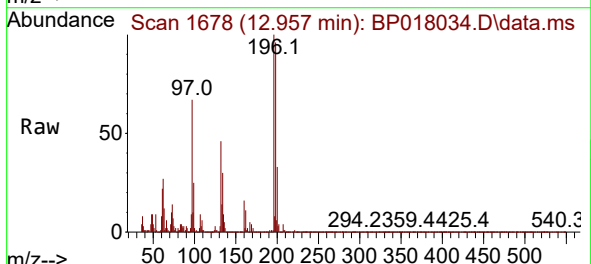
Tgt Ion:196 Resp: 67901

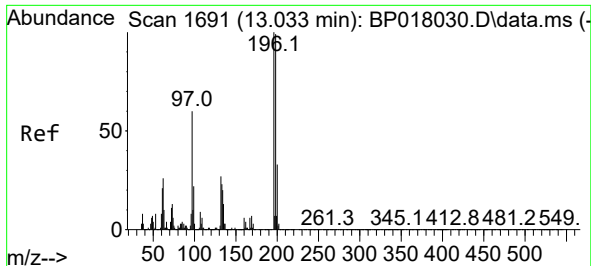
Ion Ratio Lower Upper

196 100

198 96.5 78.9 118.3

200 33.1 25.8 38.8

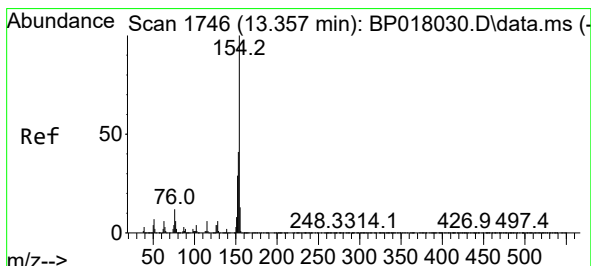
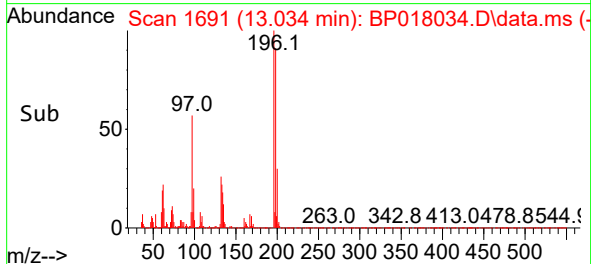
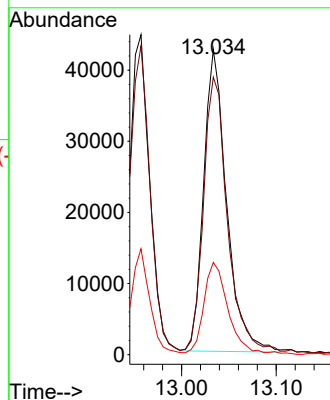
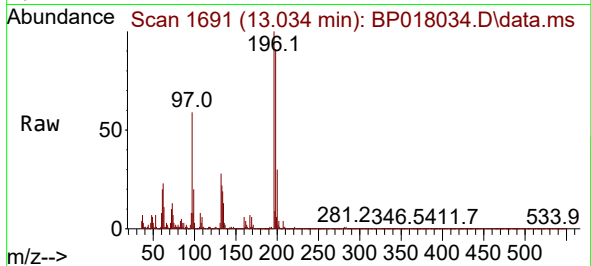




#42
2,4,5-Trichlorophenol
Concen: 20.718 ng/ul
RT: 13.034 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

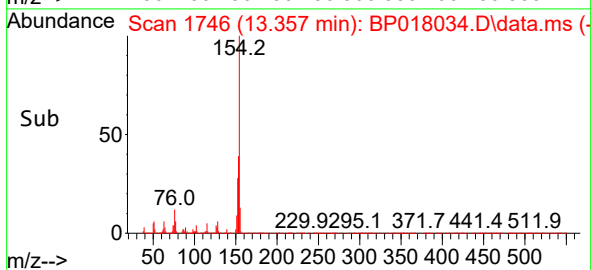
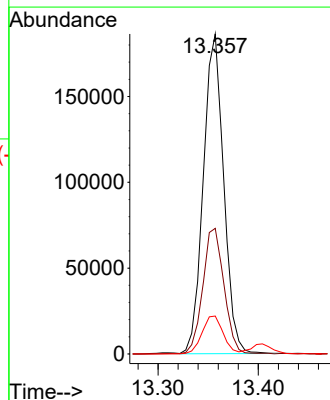
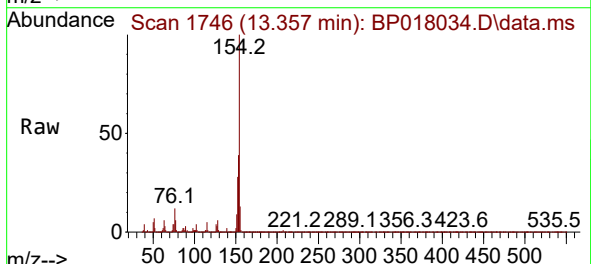
Instrument :
BNA_P
ClientSampleId :
SICV623

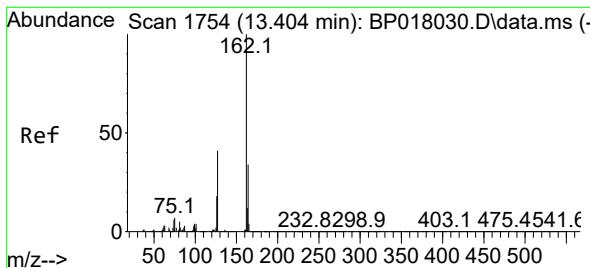
Tgt Ion:196 Resp: 71443
Ion Ratio Lower Upper
196 100
198 91.0 78.9 118.3
200 30.2 26.6 40.0



#43
1,1'-Biphenyl
Concen: 20.897 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:154 Resp: 262735
Ion Ratio Lower Upper
154 100
153 39.3 32.4 48.6
76 11.9 9.8 14.8

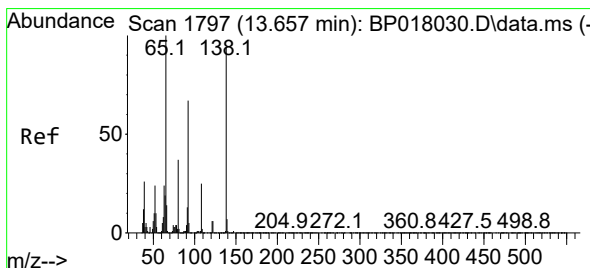
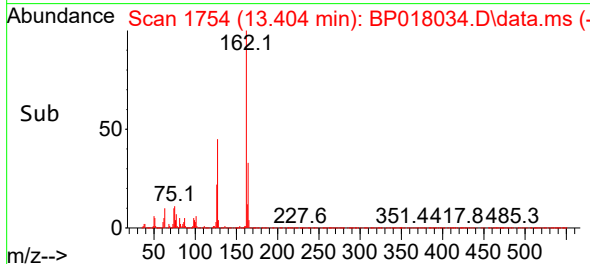
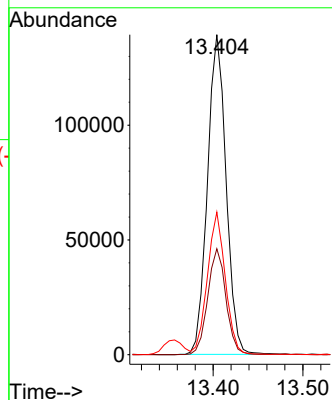
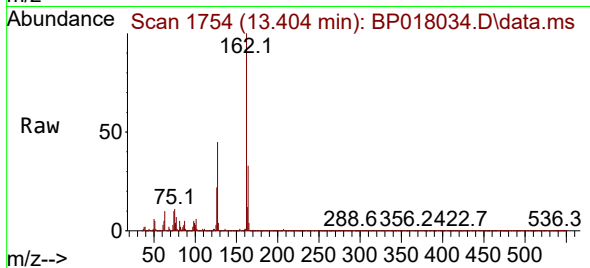




#44
2-Chloronaphthalene
Concen: 20.146 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

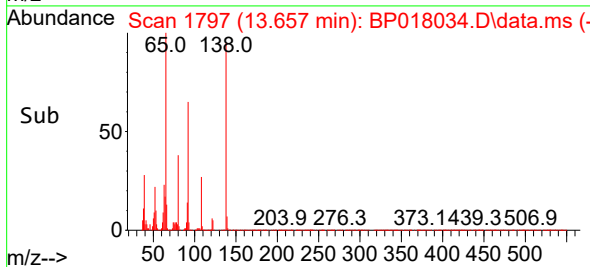
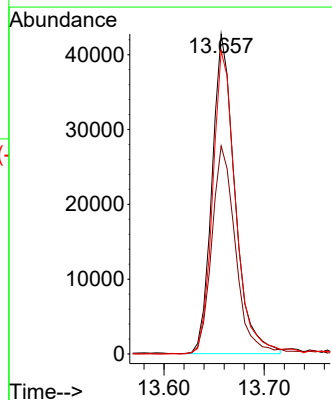
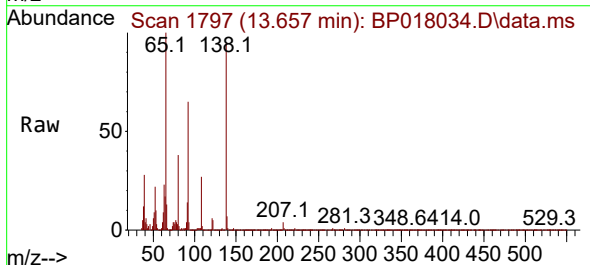
Instrument :
BNA_P
ClientSampleId :
SICV623

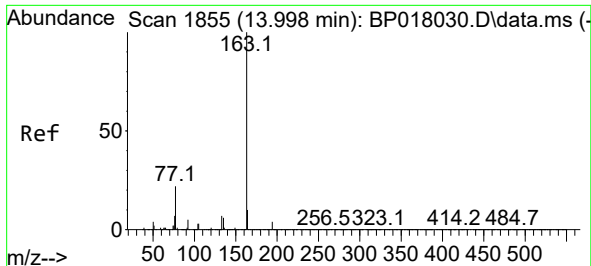
Tgt Ion:162 Resp: 201099
Ion Ratio Lower Upper
162 100
164 33.1 26.9 40.3
127 44.5 35.4 53.2



#45
2-Nitroaniline
Concen: 21.052 ng/ul
RT: 13.657 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion: 65 Resp: 67811
Ion Ratio Lower Upper
65 100
92 65.0 53.8 80.6
138 94.7 75.1 112.7

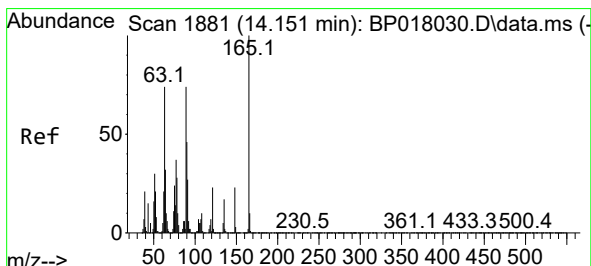
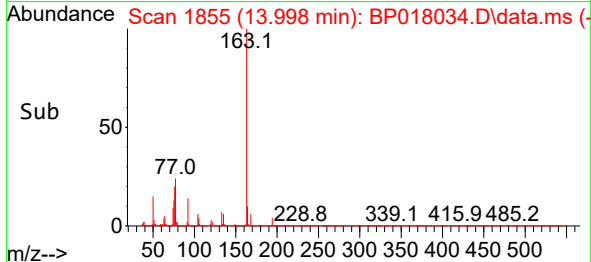
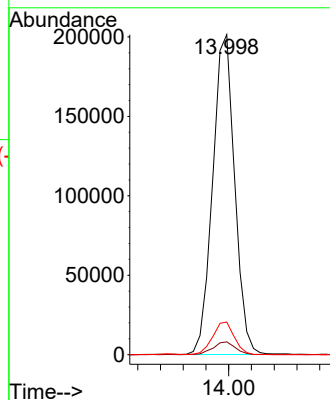
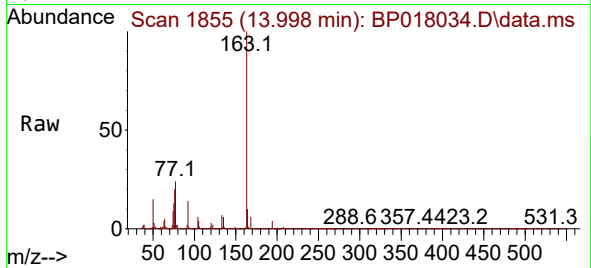




#47
Dimethylphthalate
Concen: 20.281 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

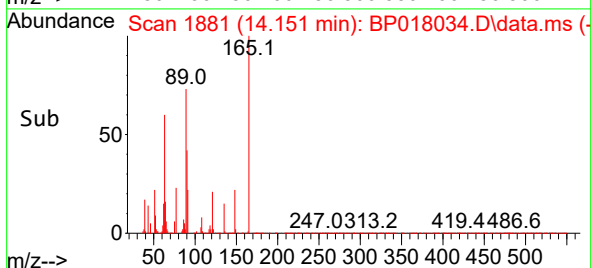
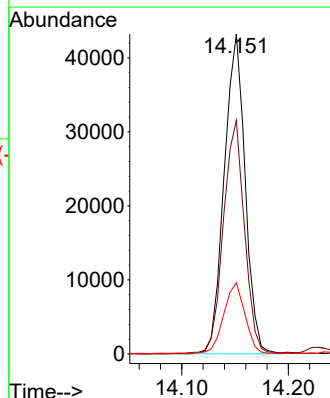
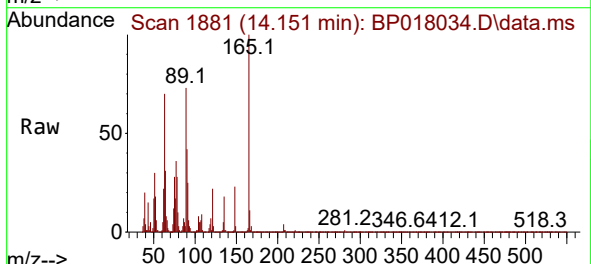
Instrument :
BNA_P
ClientSampleId :
SICV623

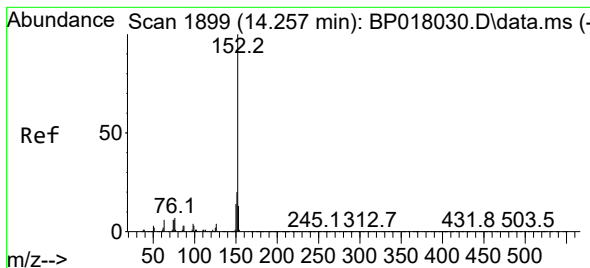
Tgt Ion:163 Resp: 271409
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 22.149 ng/ul
RT: 14.151 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:165 Resp: 58915
Ion Ratio Lower Upper
165 100
89 73.0 59.4 89.0
121 22.2 18.2 27.4





#50

Acenaphthylene

Concen: 20.365 ng/ul

RT: 14.257 min Scan# 1899

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

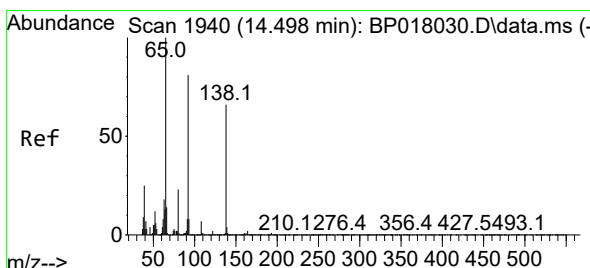
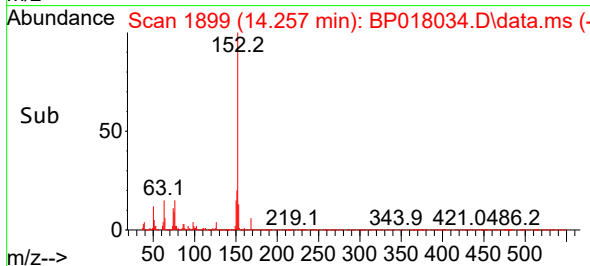
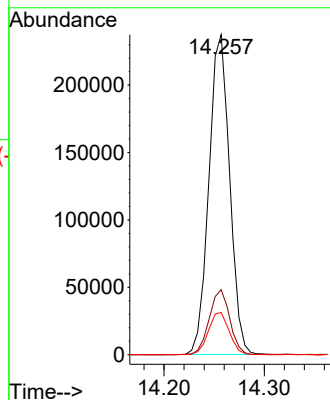
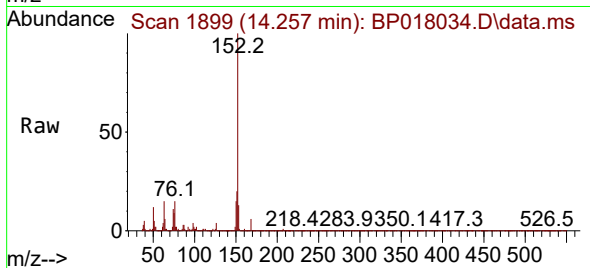
Tgt Ion:152 Resp: 341635

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.2 10.4 15.6



#51

3-Nitroaniline

Concen: 22.786 ng/ul

RT: 14.498 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

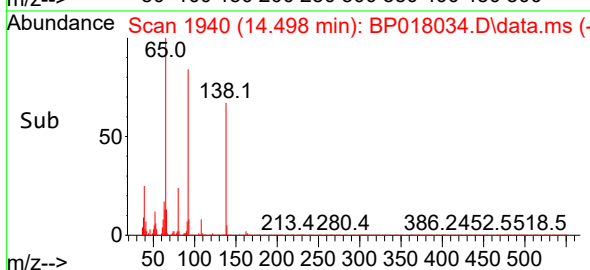
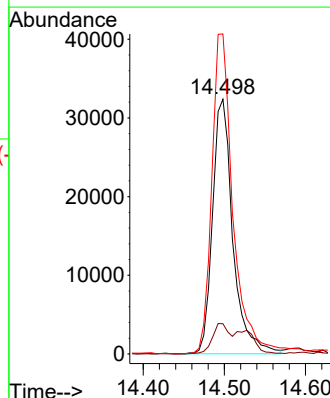
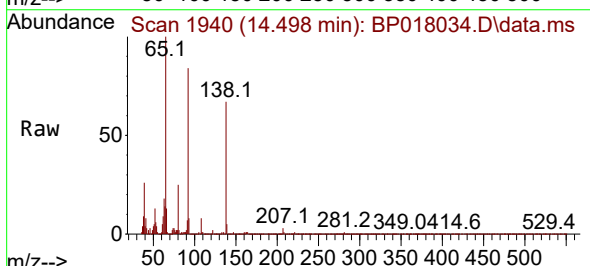
Tgt Ion:138 Resp: 56240

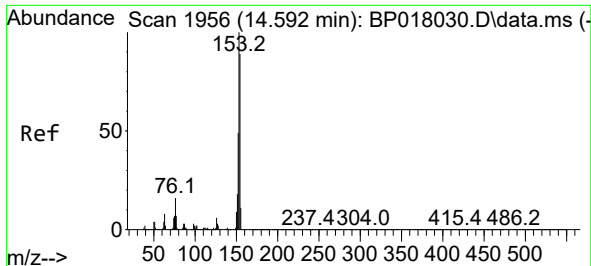
Ion Ratio Lower Upper

138 100

108 11.9 8.3 12.5

92 125.7 99.0 148.4

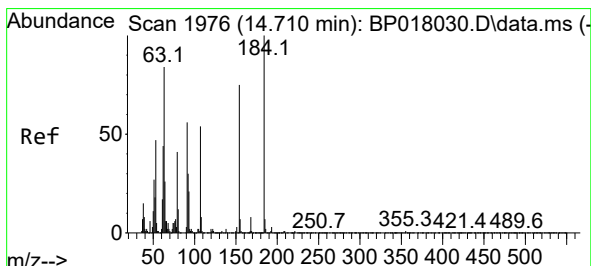
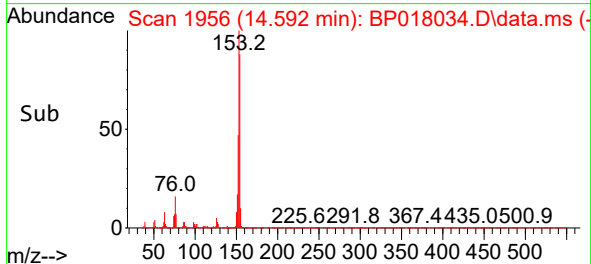
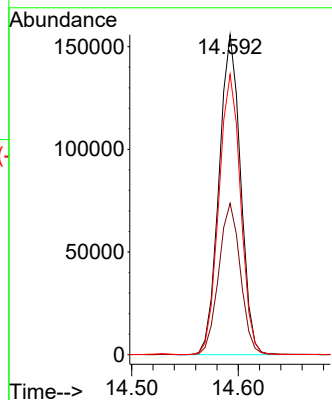
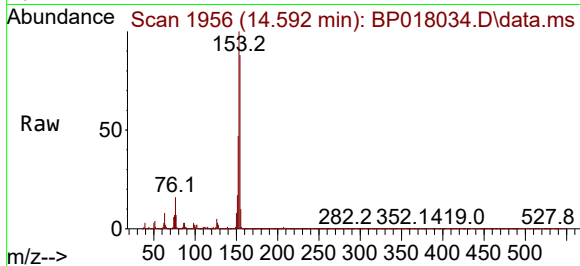




#52
Acenaphthene
Concen: 19.630 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

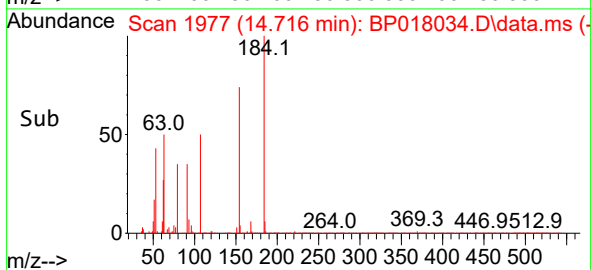
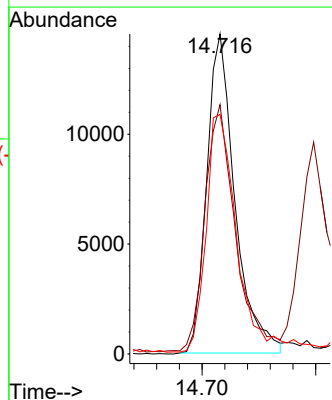
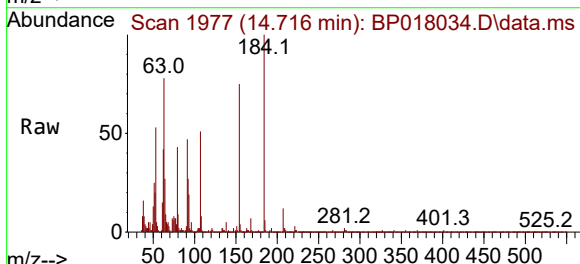
Instrument :
BNA_P
ClientSampleId :
SICV623

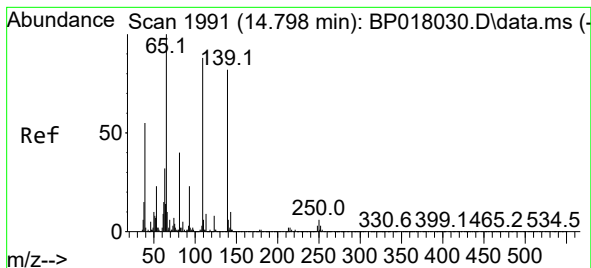
Tgt Ion:153 Resp: 218362
Ion Ratio Lower Upper
153 100
152 47.3 39.0 58.6
154 87.6 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 17.242 ng/ul
RT: 14.716 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:184 Resp: 25020
Ion Ratio Lower Upper
184 100
63 77.9 67.7 101.5
154 74.8 60.2 90.4

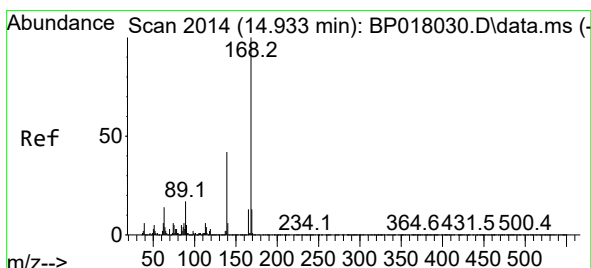
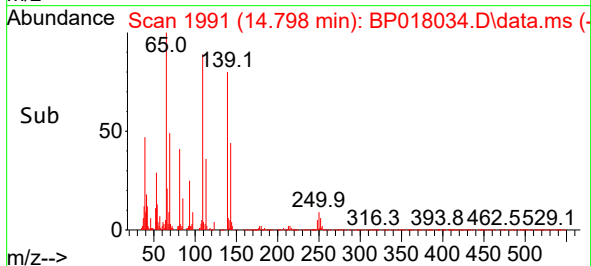
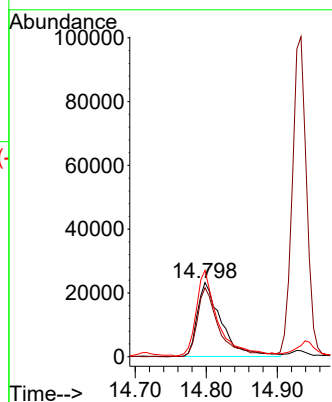
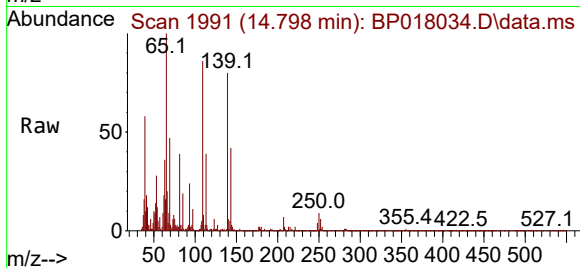




#55
4-Nitrophenol
Concen: 20.132 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

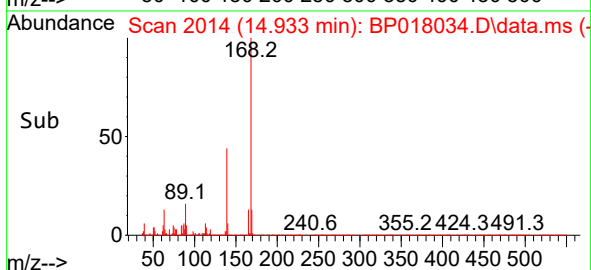
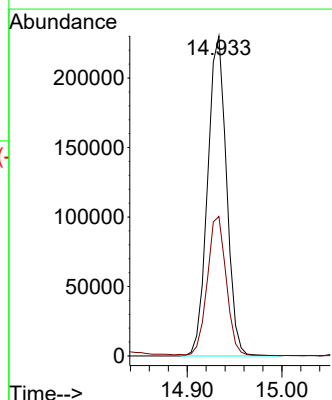
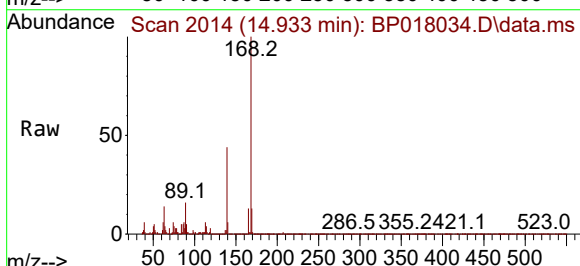
Instrument :
BNA_P
ClientSampleId :
SICV623

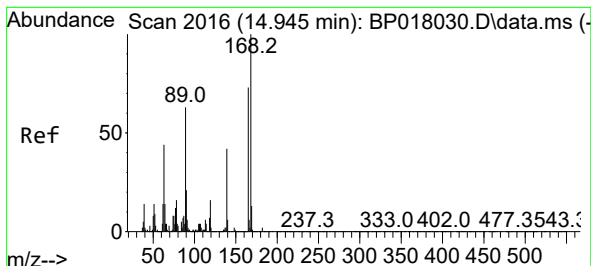
Tgt Ion:109 Resp: 54477
Ion Ratio Lower Upper
109 100
139 93.2 74.9 112.3
65 116.3 93.8 140.6



#56
Dibenzofuran
Concen: 20.950 ng/ul
RT: 14.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:168 Resp: 319371
Ion Ratio Lower Upper
168 100
139 43.6 34.0 51.0

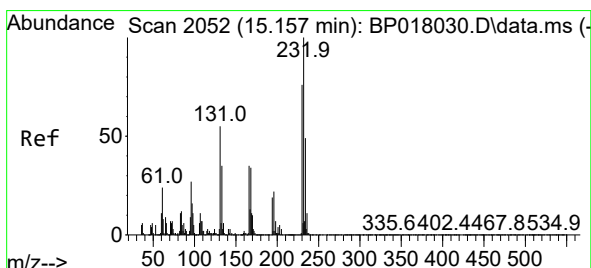
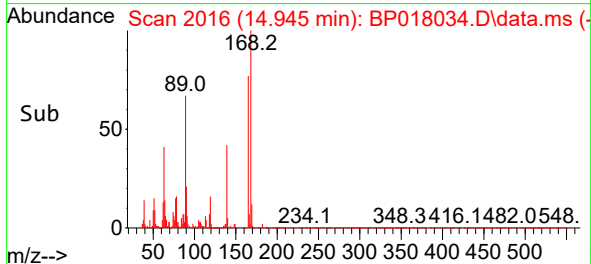
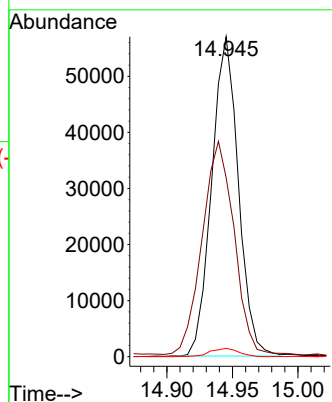
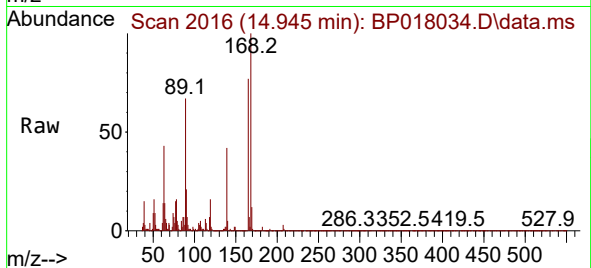




#57
2,4-Dinitrotoluene
Concen: 20.251 ng/ul
RT: 14.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

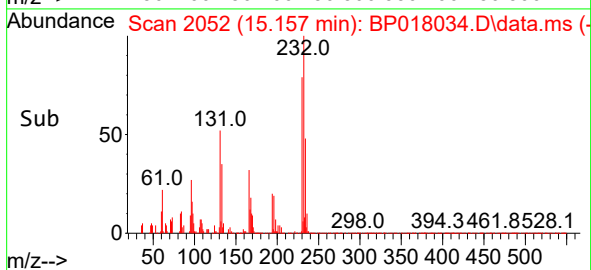
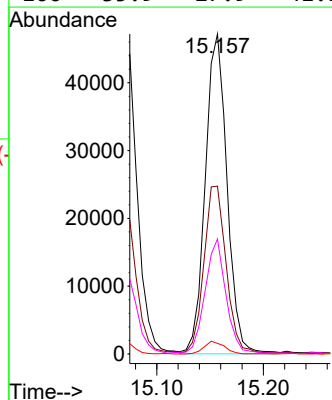
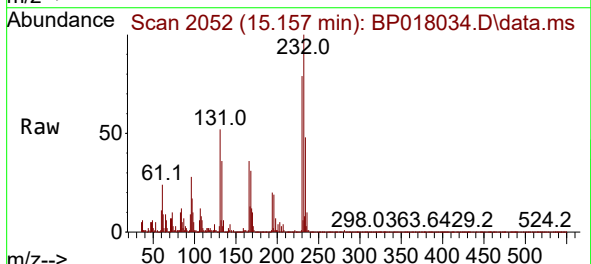
Instrument :
BNA_P
ClientSampleId :
SICV623

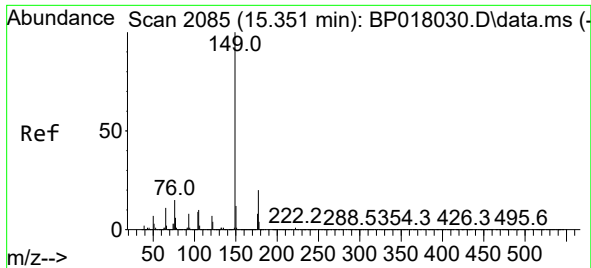
Tgt Ion:165 Resp: 80478
Ion Ratio Lower Upper
165 100
63 56.0 48.6 72.8
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.865 ng/ul
RT: 15.157 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:232 Resp: 67075
Ion Ratio Lower Upper
232 100
131 52.5 44.1 66.1
130 3.3 2.5 3.7
166 35.9 27.9 41.9

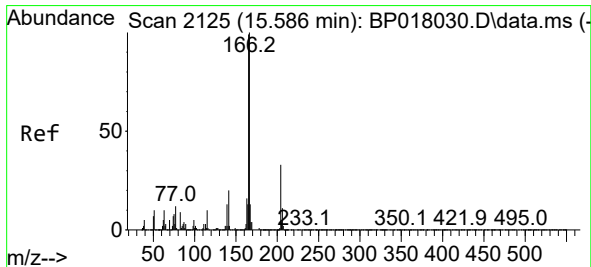
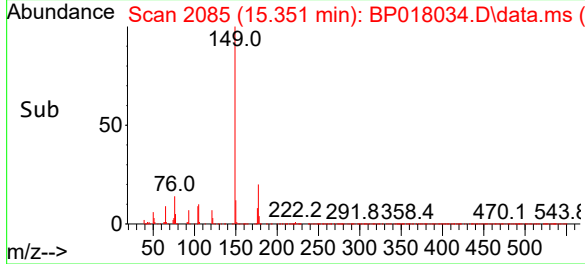
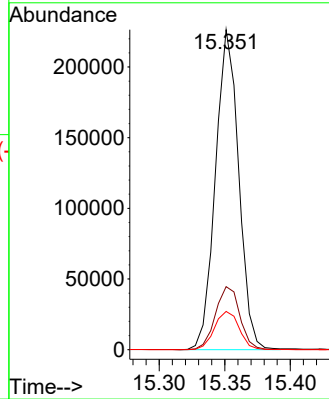
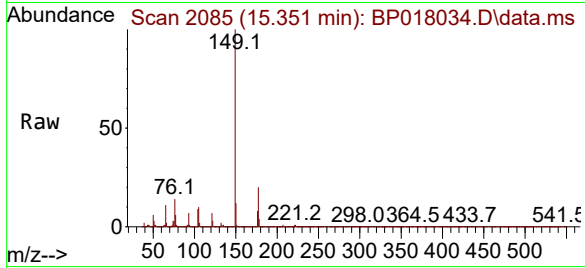




#59
Diethylphthalate
Concen: 19.920 ng/ul
RT: 15.351 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

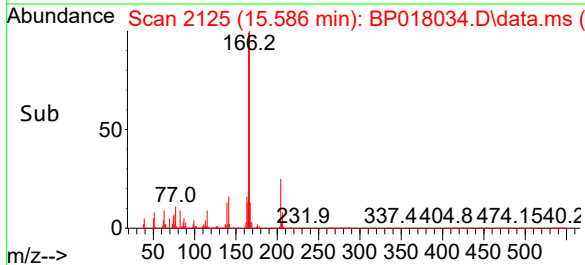
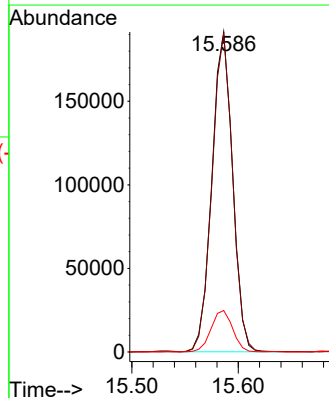
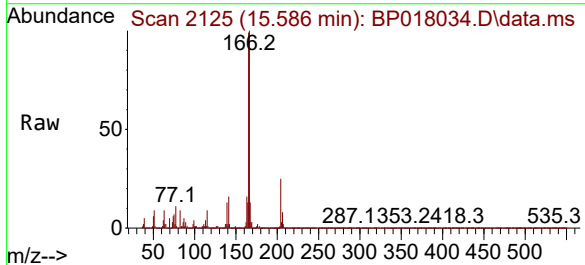
Instrument :
BNA_P
ClientSampleId :
SICV623

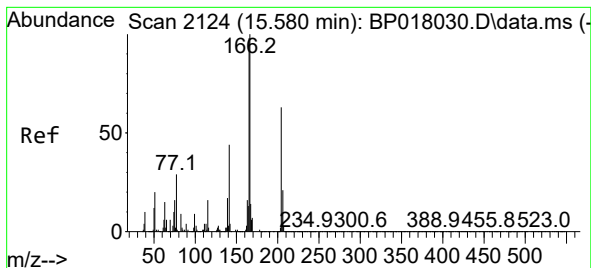
Tgt Ion:149 Resp: 278500
Ion Ratio Lower Upper
149 100
177 19.7 16.3 24.5
150 11.9 10.0 15.0



#61
Fluorene
Concen: 19.883 ng/ul
RT: 15.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:166 Resp: 257340
Ion Ratio Lower Upper
166 100
165 99.5 79.0 118.6
167 13.0 10.6 16.0

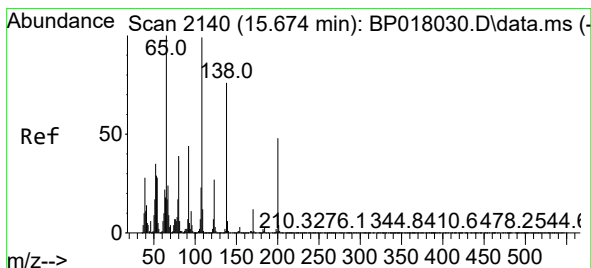
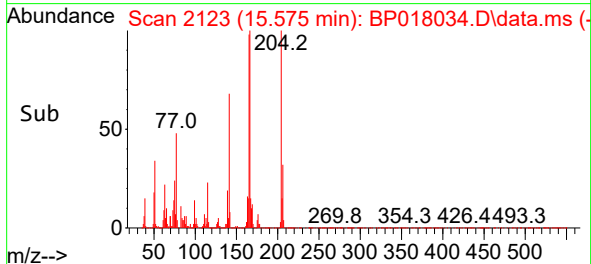
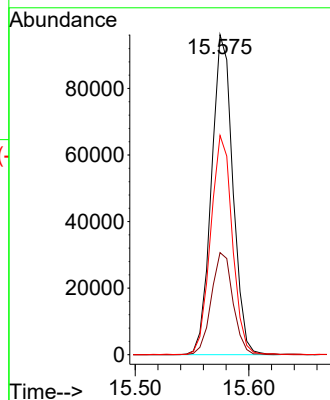
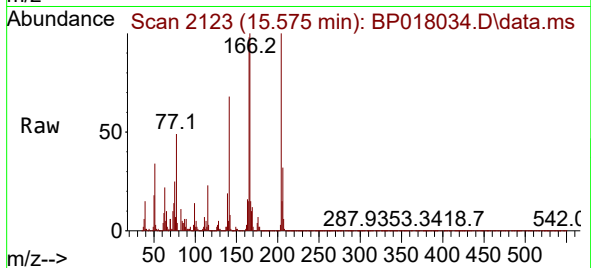




#62
4-Chlorophenyl-phenylether
Concen: 19.754 ng/ul
RT: 15.575 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

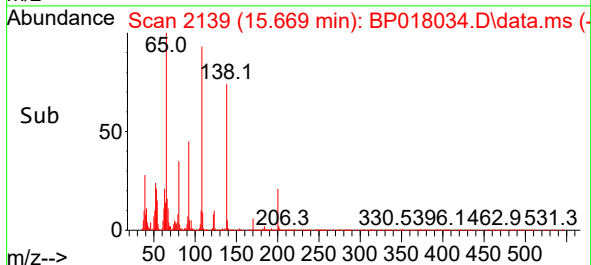
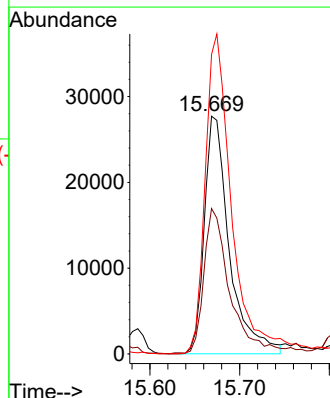
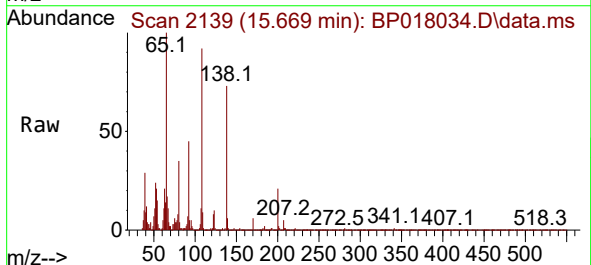
Instrument :
BNA_P
ClientSampleId :
SICV623

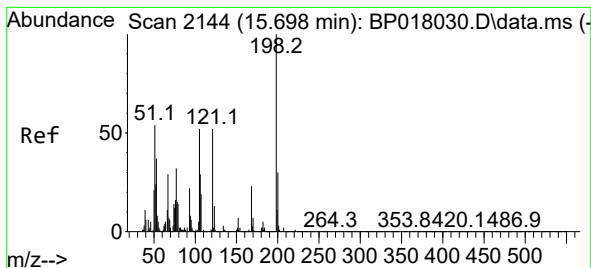
Tgt Ion:204 Resp: 125286
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 68.5 56.0 84.0



#63
4-Nitroaniline
Concen: 23.088 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:138 Resp: 53776
Ion Ratio Lower Upper
138 100
92 61.1 46.6 70.0
108 125.9 104.7 157.1

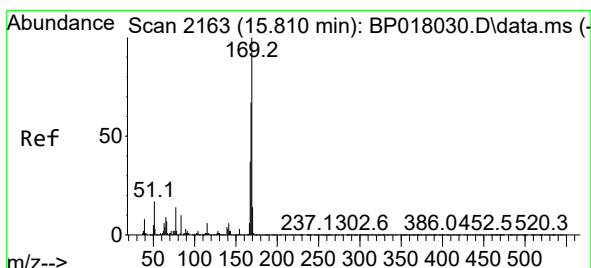
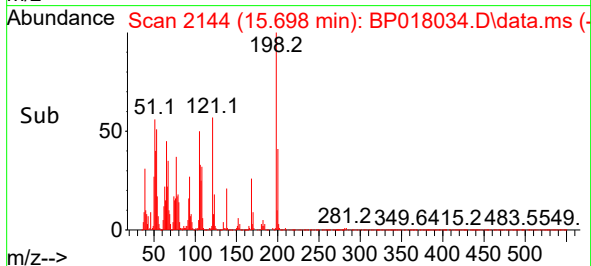
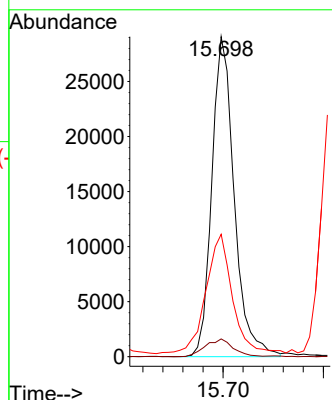
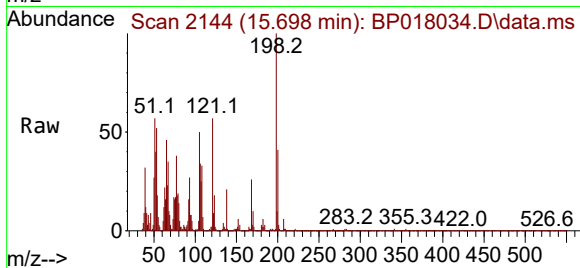




#66
4,6-Dinitro-2-methylphenol
Concen: 18.118 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

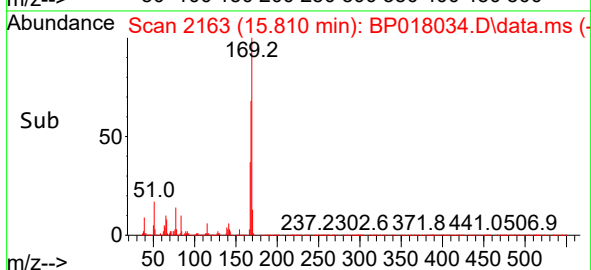
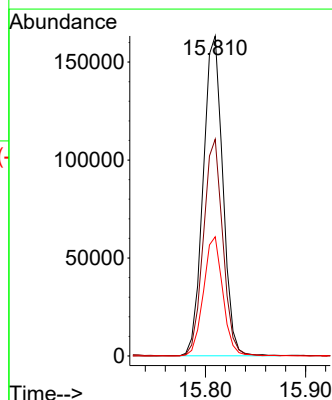
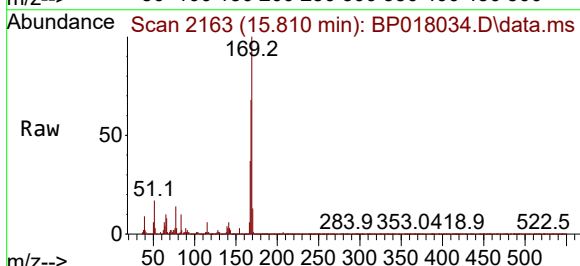
Instrument :
BNA_P
ClientSampleId :
SICV623

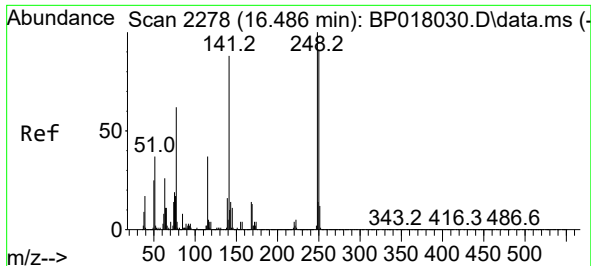
Tgt Ion:198 Resp: 45175
Ion Ratio Lower Upper
198 100
182 5.5 3.8 5.6
77 38.2 27.2 40.8



#67
N-Nitrosodiphenylamine
Concen: 20.874 ng/ul
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:169 Resp: 222511
Ion Ratio Lower Upper
169 100
168 67.8 53.8 80.8
167 37.3 29.8 44.6

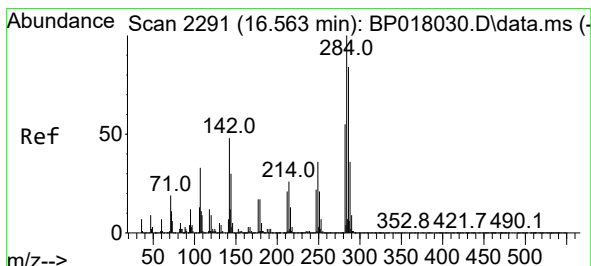
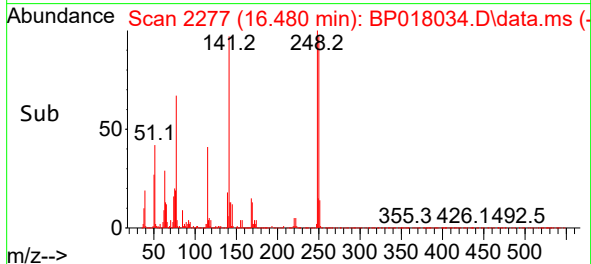
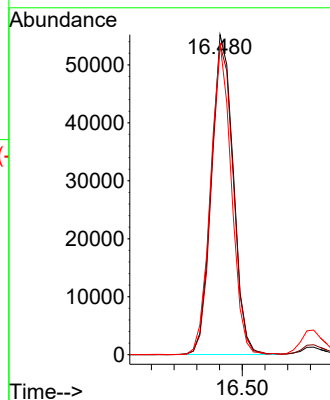
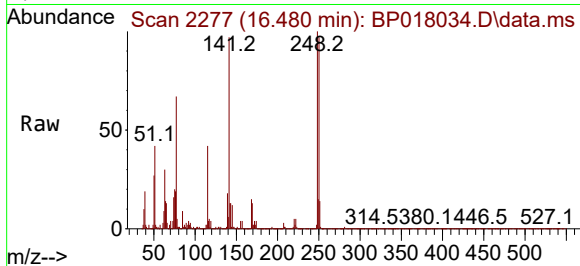




#68
4-Bromophenyl-phenylether
Concen: 19.747 ng/ul
RT: 16.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

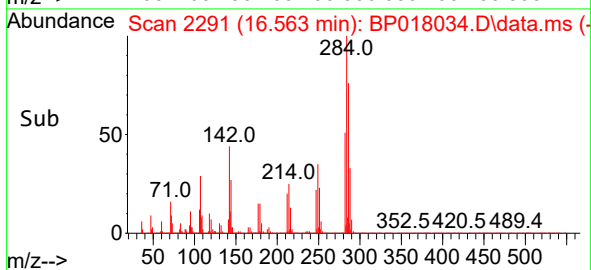
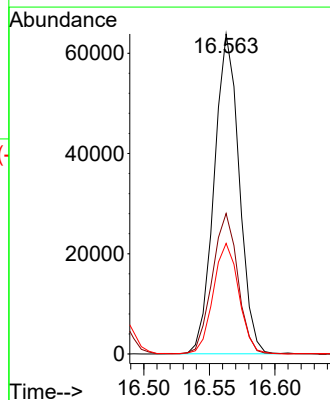
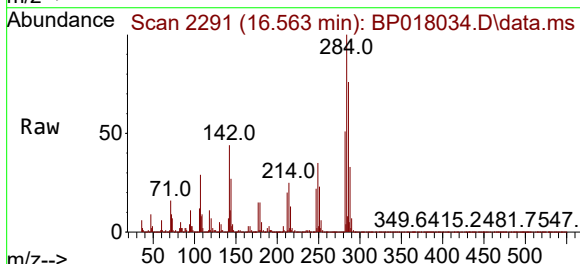
Instrument :
BNA_P
ClientSampleId :
SICV623

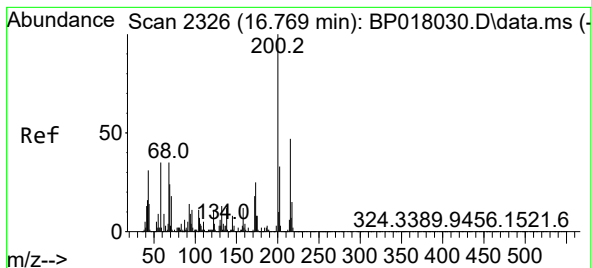
Tgt Ion:248 Resp: 73977
Ion Ratio Lower Upper
248 100
250 96.9 72.7 109.1
141 97.3 70.4 105.6



#69
Hexachlorobenzene
Concen: 20.255 ng/ul
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:284 Resp: 84673
Ion Ratio Lower Upper
284 100
142 43.9 38.9 58.3
249 34.6 28.6 43.0





#70

Atrazine

Concen: 22.648 ng/ul

RT: 16.769 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

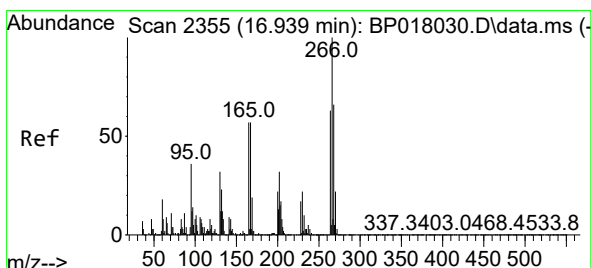
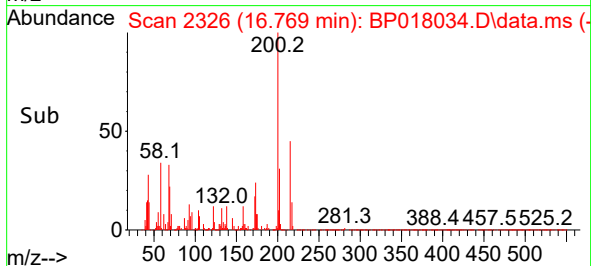
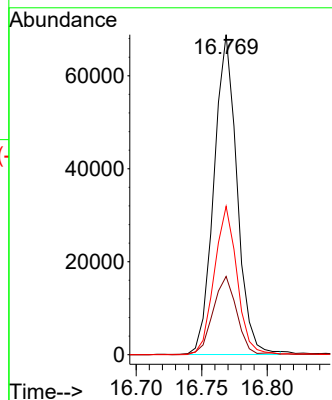
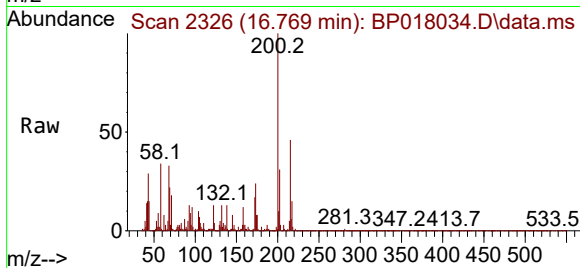
Tgt Ion:200 Resp: 84216

Ion Ratio Lower Upper

200 100

173 24.5 20.2 30.2

215 46.4 37.8 56.8



#71

Pentachlorophenol

Concen: 18.128 ng/ul

RT: 16.939 min Scan# 2355

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

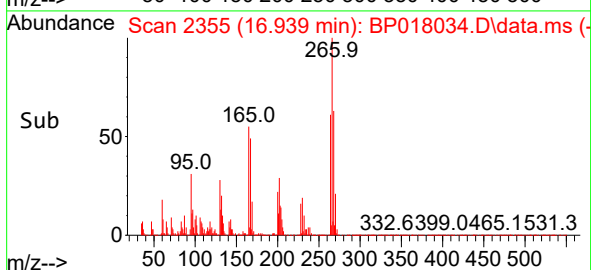
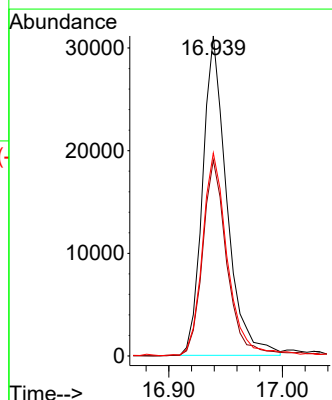
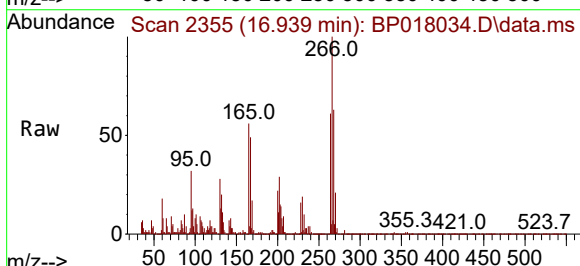
Tgt Ion:266 Resp: 45999

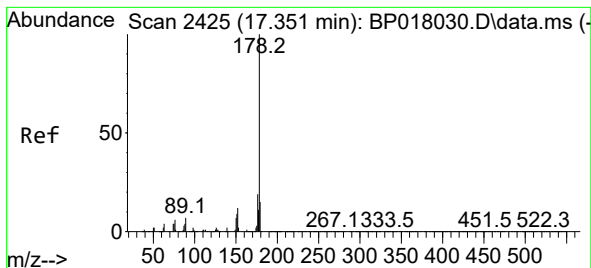
Ion Ratio Lower Upper

266 100

264 61.2 50.7 76.1

268 63.5 52.4 78.6





#72

Phenanthrene

Concen: 20.314 ng/ul

RT: 17.351 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

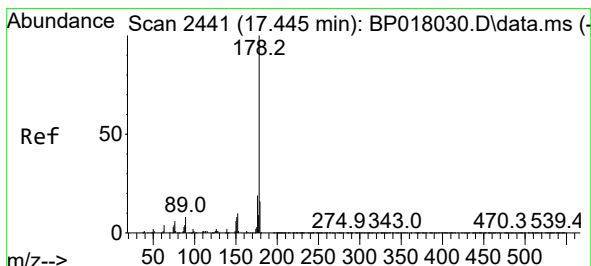
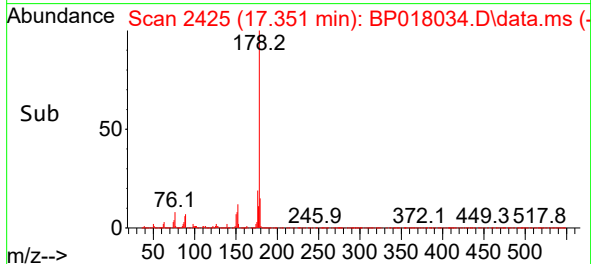
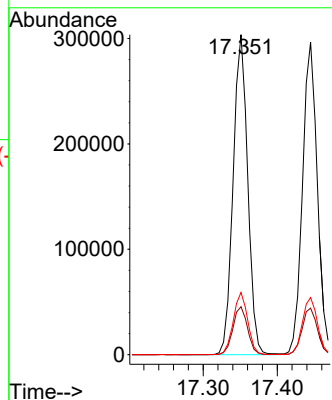
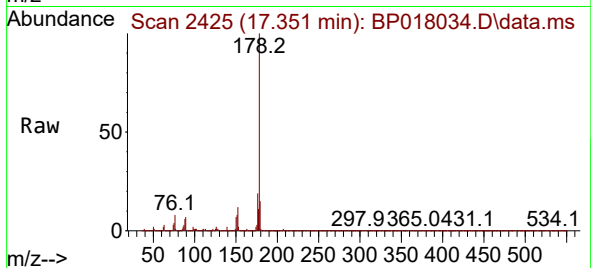
Tgt Ion:178 Resp: 414585

Ion Ratio Lower Upper

178 100

179 15.0 12.0 18.0

176 19.4 15.5 23.3



#74

Anthracene

Concen: 19.895 ng/ul

RT: 17.445 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

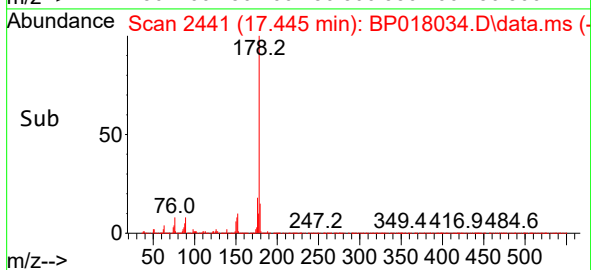
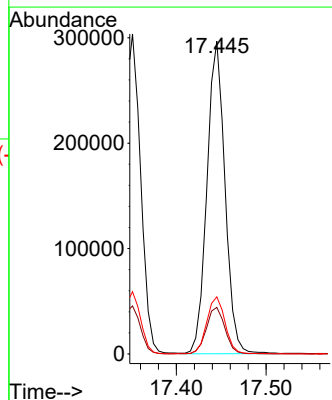
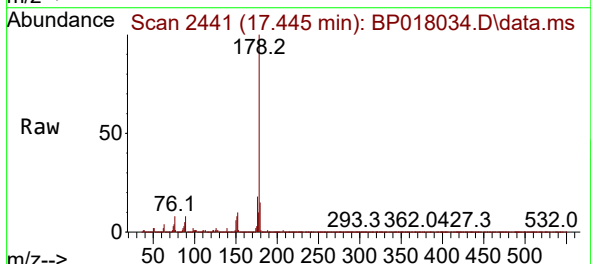
Tgt Ion:178 Resp: 414342

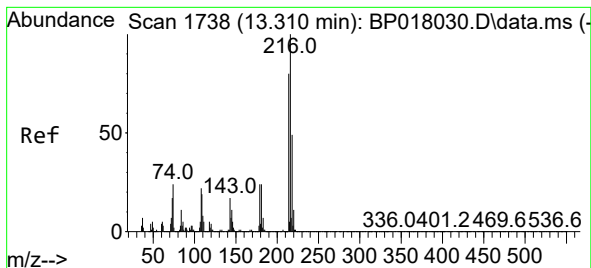
Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

176 18.3 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.766 ng/uL

RT: 13.310 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

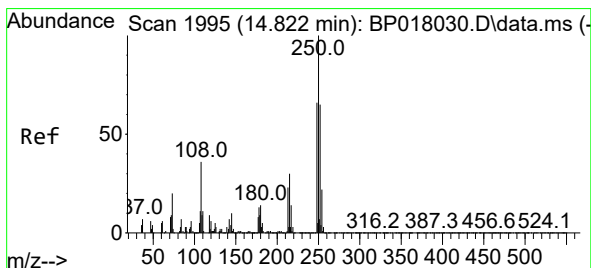
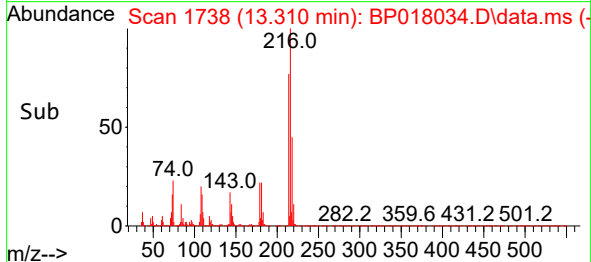
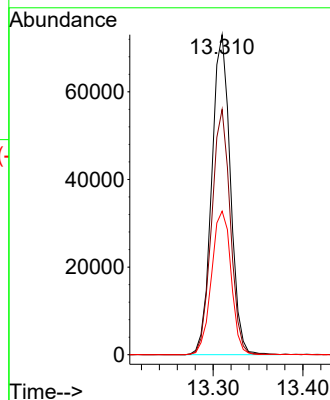
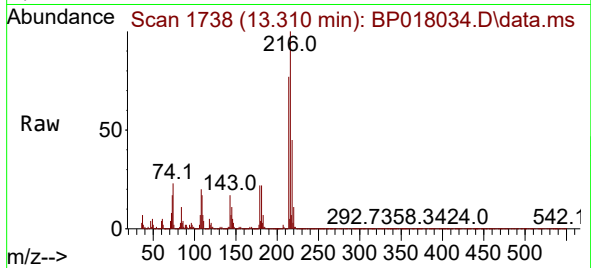
Tgt Ion:216 Resp: 105407

Ion Ratio Lower Upper

216 100

214 76.7 64.0 96.0

218 44.8 39.0 58.4



#76

Pentachlorobenzene

Concen: 19.957 ng/uL

RT: 14.822 min Scan# 1995

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

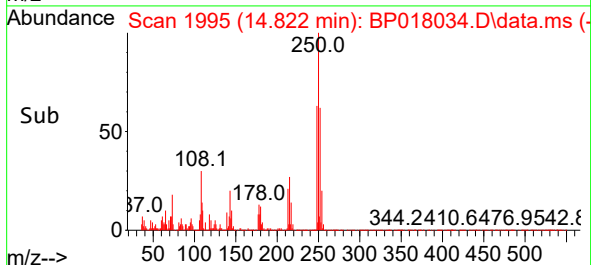
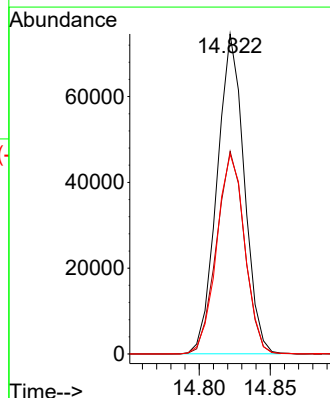
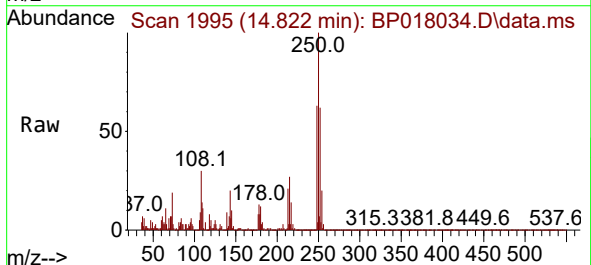
Tgt Ion:250 Resp: 99166

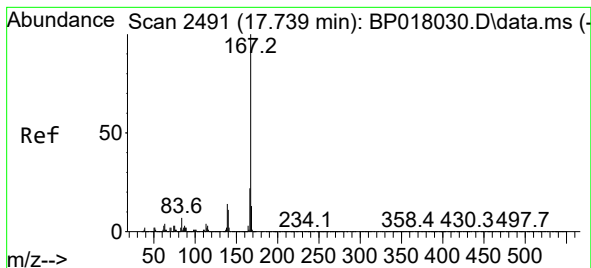
Ion Ratio Lower Upper

250 100

248 63.3 52.7 79.1

252 62.5 52.3 78.5





#77

Carbazole

Concen: 20.936 ng/ul

RT: 17.739 min Scan# 2491

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

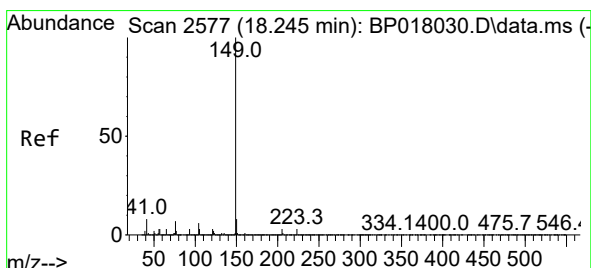
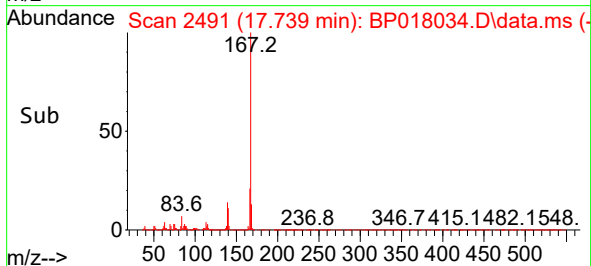
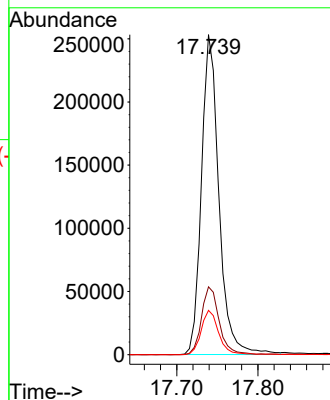
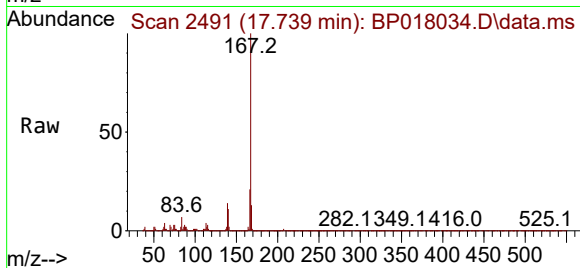
Tgt Ion:167 Resp: 378643

Ion Ratio Lower Upper

167 100

166 21.2 17.6 26.4

139 13.9 11.4 17.0



#78

Di-n-butylphthalate

Concen: 19.860 ng/ul

RT: 18.245 min Scan# 2577

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

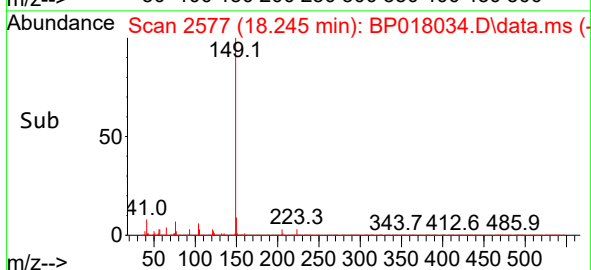
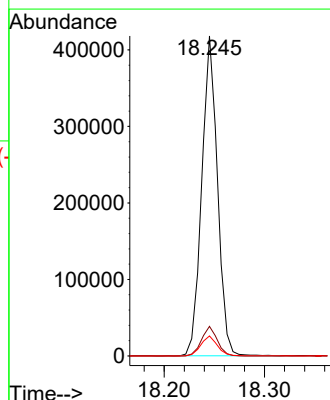
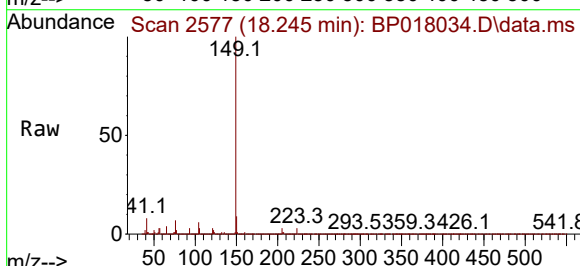
Tgt Ion:149 Resp: 455734

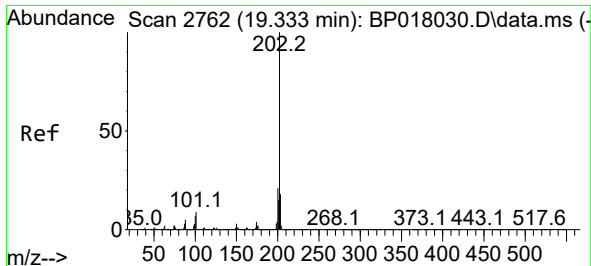
Ion Ratio Lower Upper

149 100

150 9.2 6.7 10.1

104 6.3 5.1 7.7

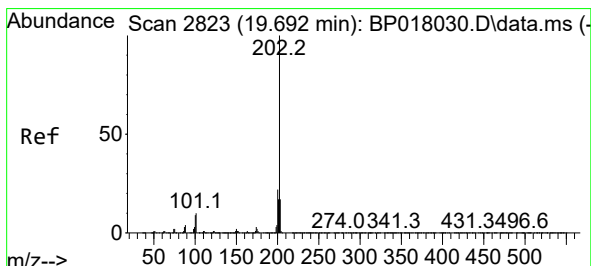
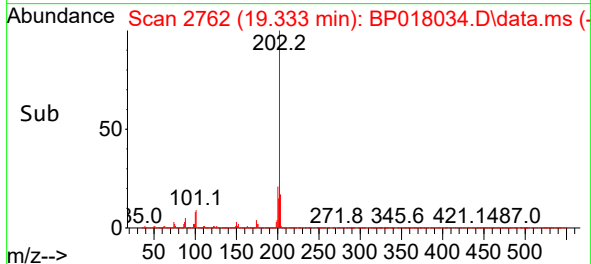
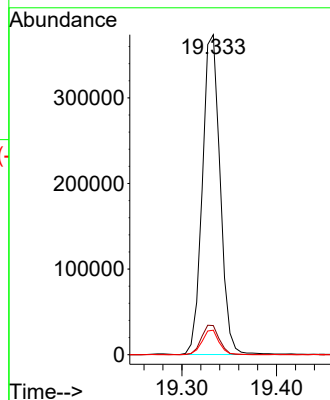
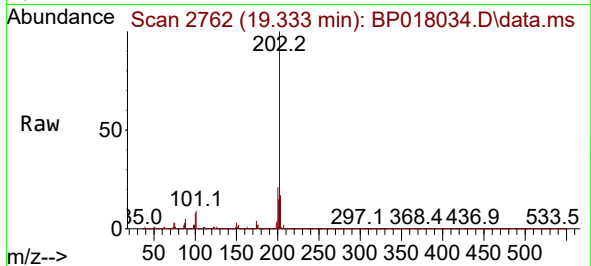




#80
Fluoranthene
Concen: 19.794 ng/ul
RT: 19.333 min Scan# 2762
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

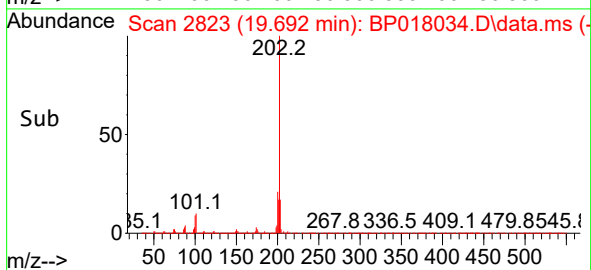
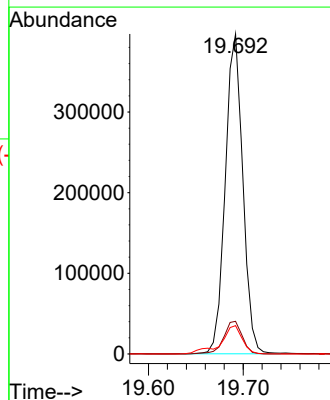
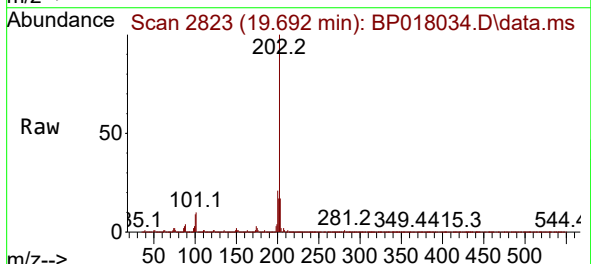
Instrument :
BNA_P
ClientSampleId :
SICV623

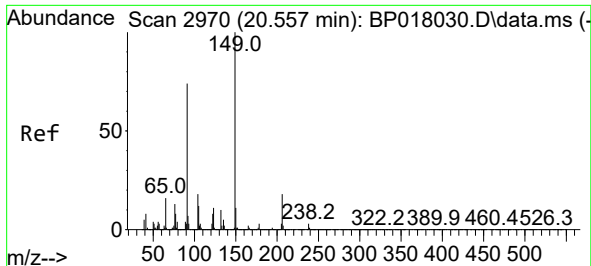
Tgt Ion:202 Resp: 486116
Ion Ratio Lower Upper
202 100
101 9.1 7.2 10.8
100 7.6 5.8 8.6



#82
Pyrene
Concen: 19.835 ng/ul
RT: 19.692 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:202 Resp: 510441
Ion Ratio Lower Upper
202 100
101 10.2 8.3 12.5
100 8.8 7.4 11.2

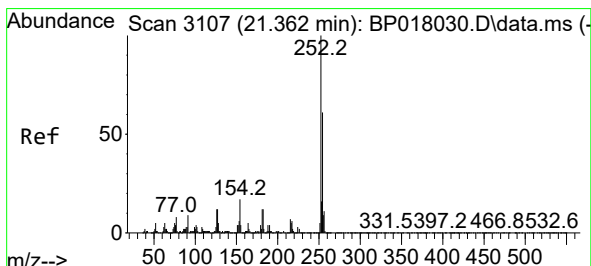
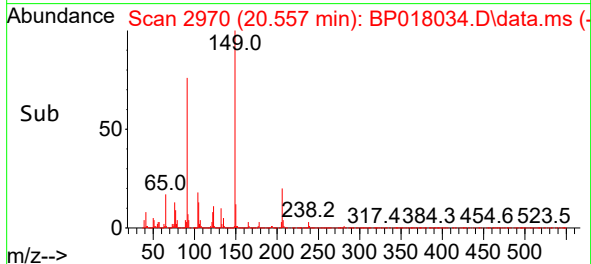
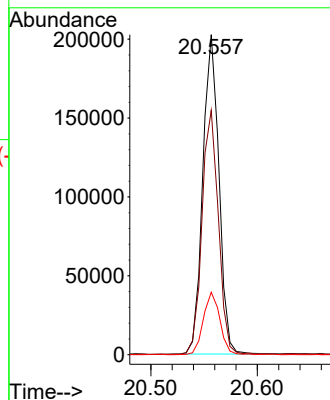
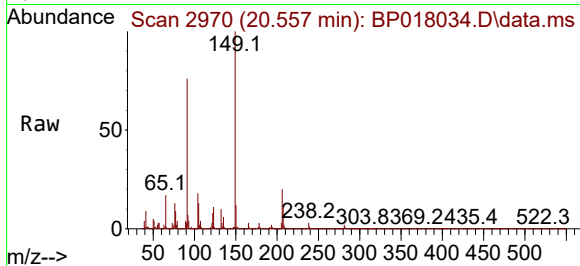




#83
Butylbenzylphthalate
Concen: 19.762 ng/ul
RT: 20.557 min Scan# 2970
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

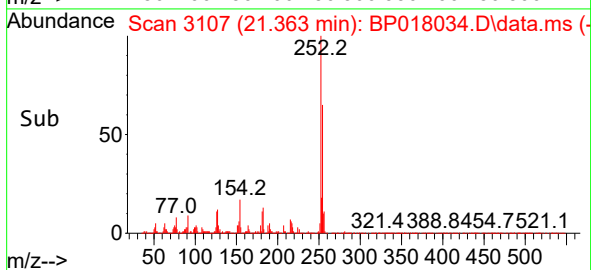
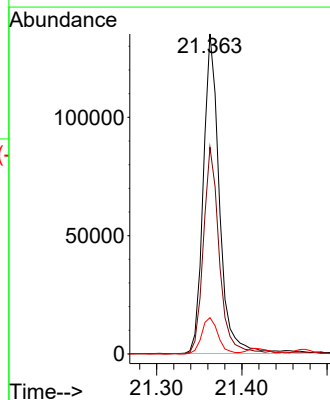
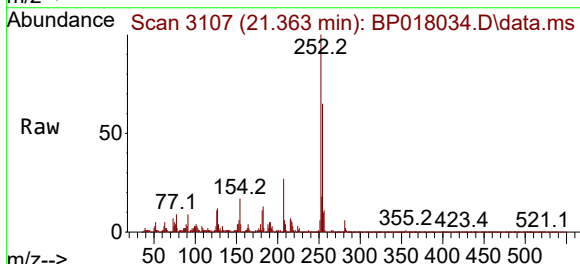
Instrument :
BNA_P
ClientSampleId :
SICV623

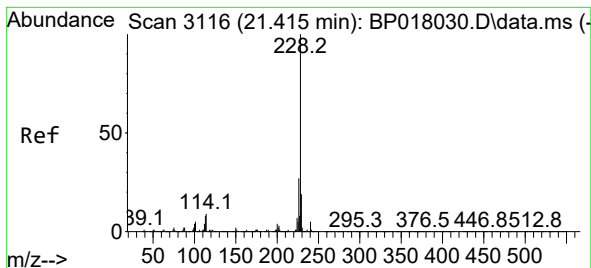
Tgt Ion:	149	Resp:	213875
Ion Ratio	Lower	Upper	
149	100		
91	76.4	59.6	89.4
206	19.5	14.3	21.5



#84
3,3'-Dichlorobenzidine
Concen: 23.483 ng/ul
RT: 21.363 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:	252	Resp:	176626
Ion Ratio	Lower	Upper	
252	100		
254	64.6	48.9	73.3
126	11.4	9.4	14.0





#85

Benzo(a)anthracene

Concen: 19.513 ng/ul

RT: 21.415 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

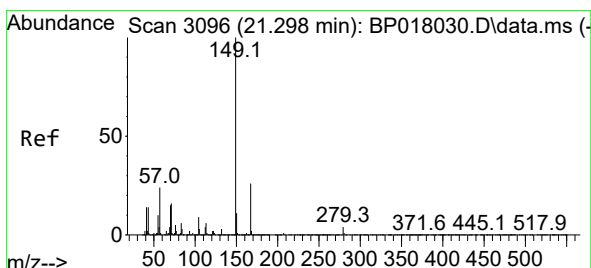
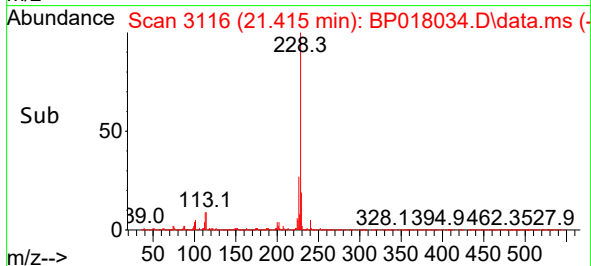
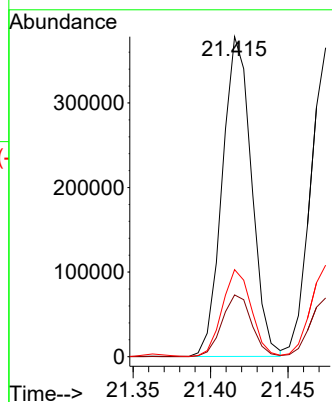
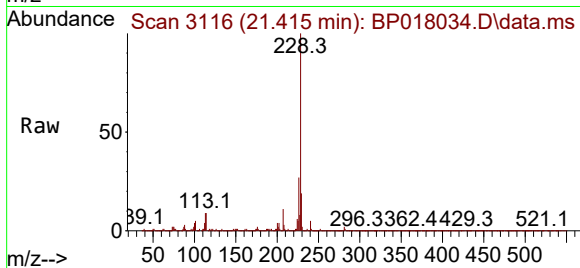
Tgt Ion:228 Resp: 496033

Ion Ratio Lower Upper

228 100

229 19.3 15.4 23.0

226 27.2 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.553 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

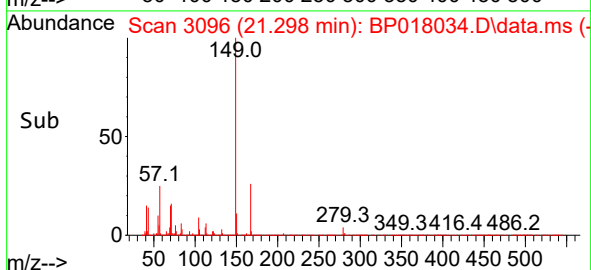
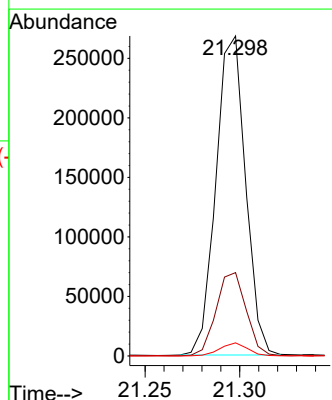
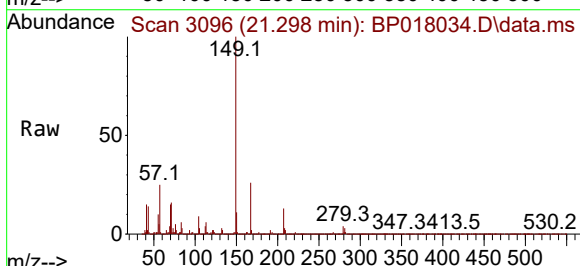
Tgt Ion:149 Resp: 291744

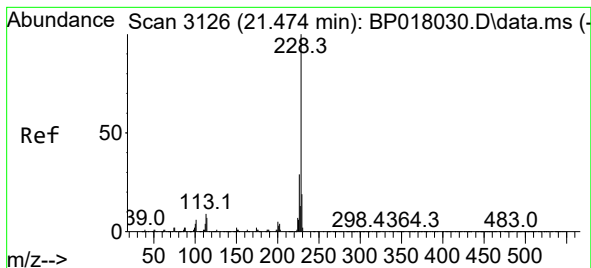
Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

279 4.1 3.2 4.8





#87

Chrysene

Concen: 19.662 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

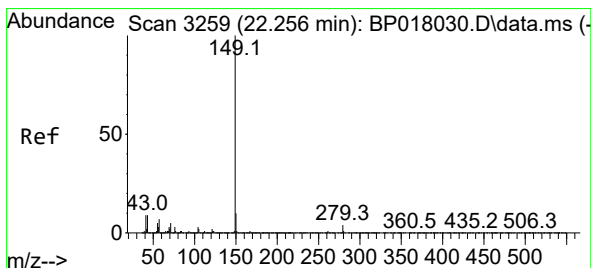
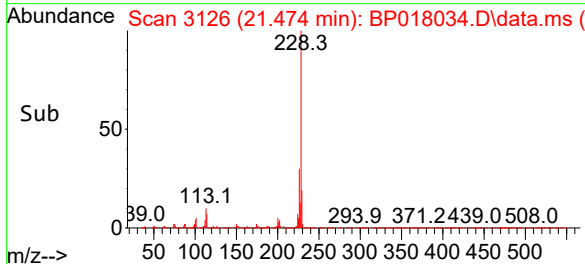
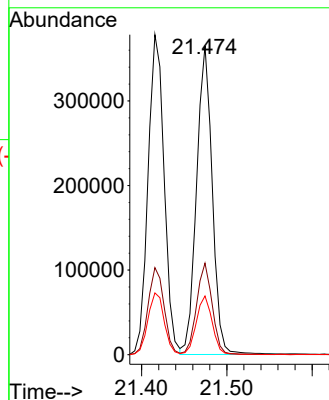
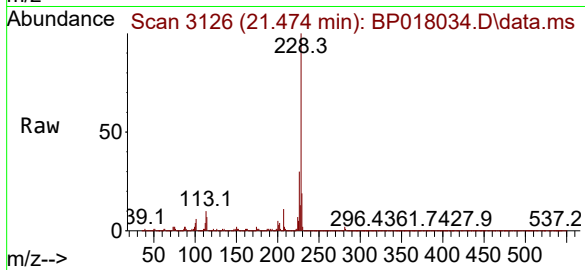
Tgt Ion:228 Resp: 467592

Ion Ratio Lower Upper

228 100

226 29.6 23.1 34.7

229 19.0 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 19.654 ng/ul

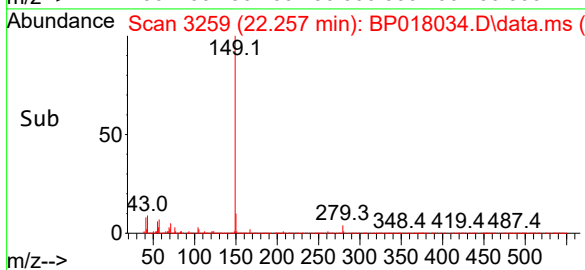
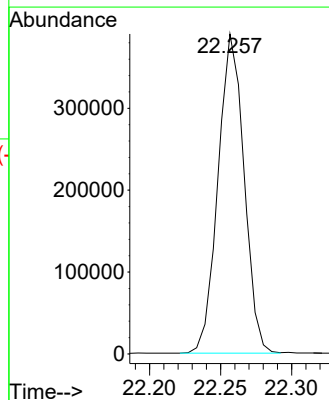
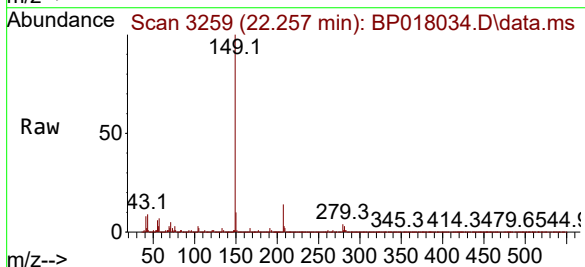
RT: 22.257 min Scan# 3259

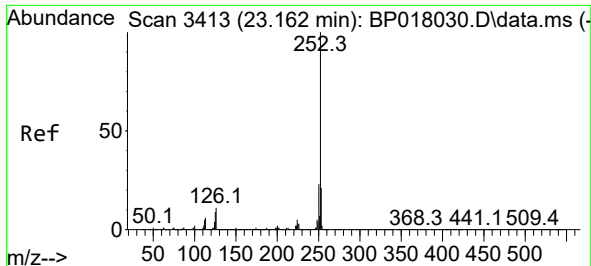
Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Tgt Ion:149 Resp: 495558

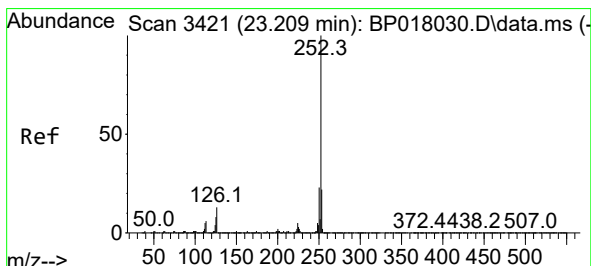
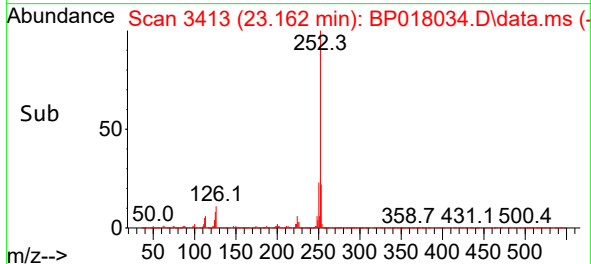
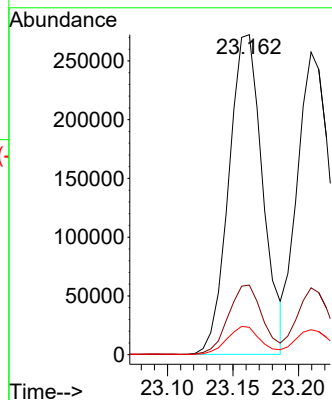
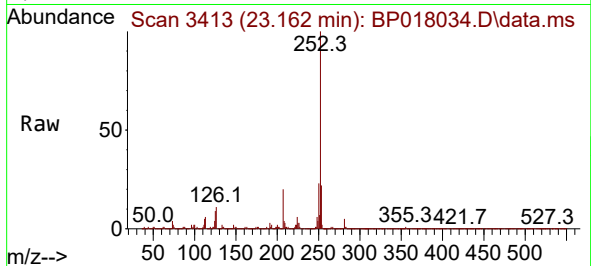




#90
Benzo(b)fluoranthene
Concen: 20.421 ng/ul
RT: 23.162 min Scan# 3413
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

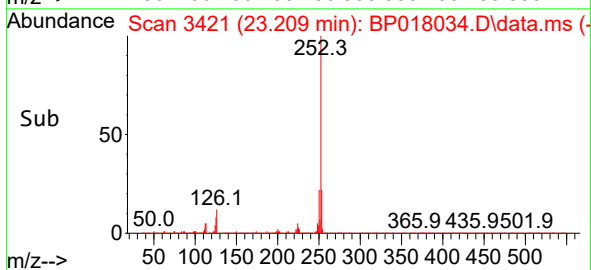
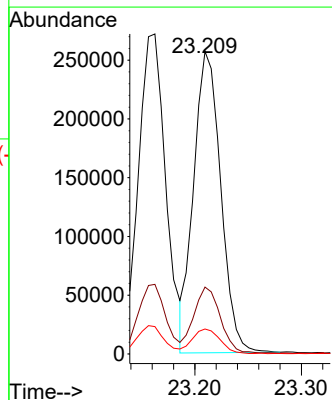
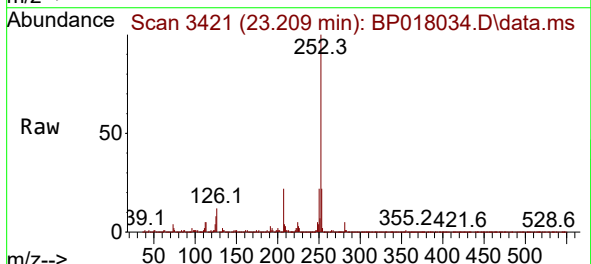
Instrument :
BNA_P
ClientSampleId :
SICV623

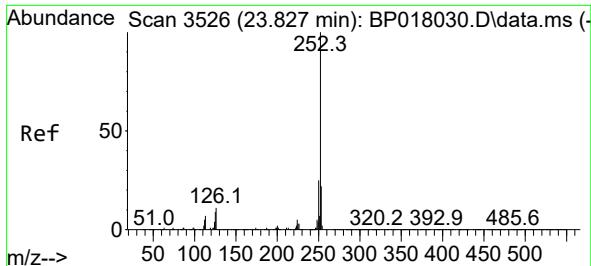
Tgt Ion:252 Resp: 489985
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 8.6 7.0 10.6



#91
Benzo(k)fluoranthene
Concen: 18.763 ng/ul
RT: 23.209 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:252 Resp: 452954
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.3 6.8 10.2

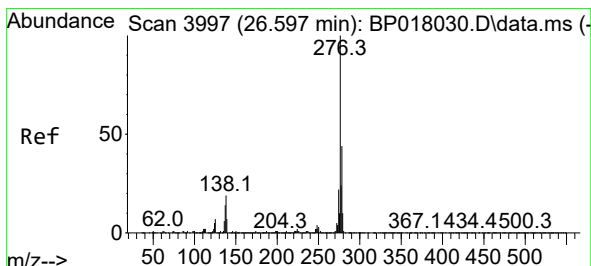
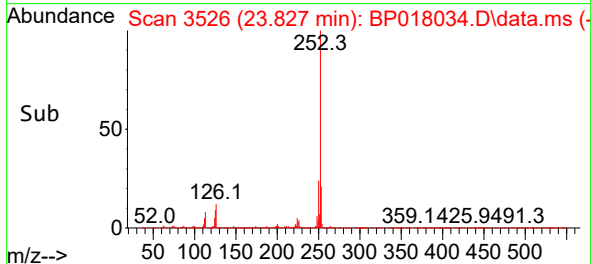
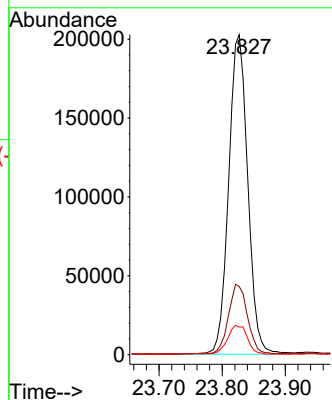
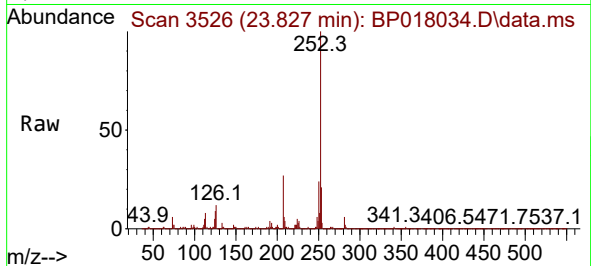




#93
Benzo(a)pyrene
Concen: 18.676 ng/ul
RT: 23.827 min Scan# 3526
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

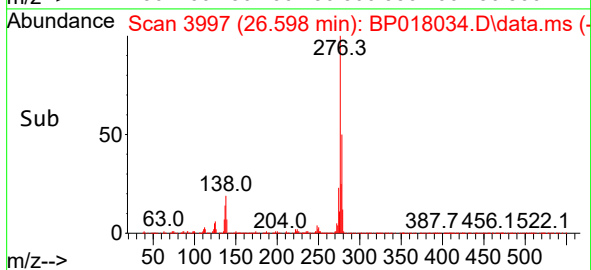
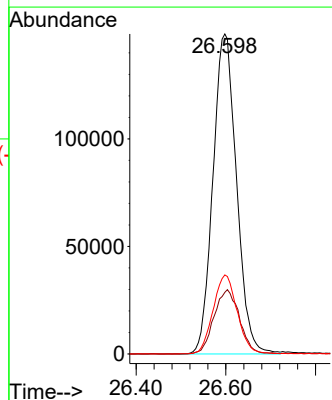
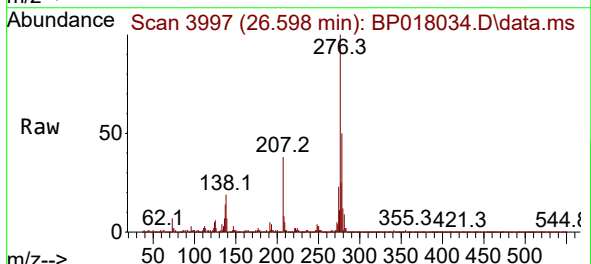
Instrument :
BNA_P
ClientSampleId :
SICV623

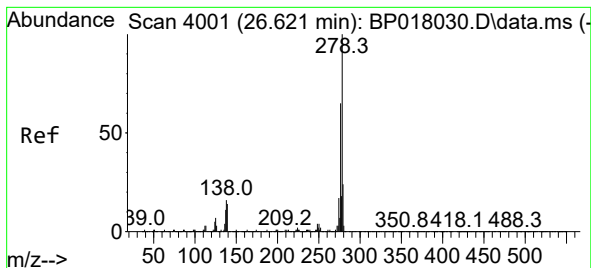
Tgt Ion:252 Resp: 423171
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 8.6 7.3 10.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 19.992 ng/ul
RT: 26.598 min Scan# 3997
Delta R.T. 0.000 min
Lab File: BP018034.D
Acq: 10 Nov 2023 20:00

Tgt Ion:276 Resp: 543305
Ion Ratio Lower Upper
276 100
138 19.2 15.6 23.4
277 24.7 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 19.885 ng/ul

RT: 26.621 min Scan# 4001

Delta R.T. 0.000 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Instrument :

BNA_P

ClientSampleId :

SICV623

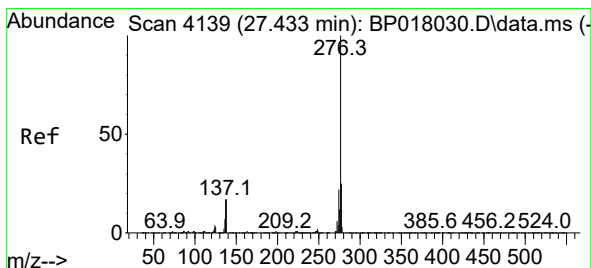
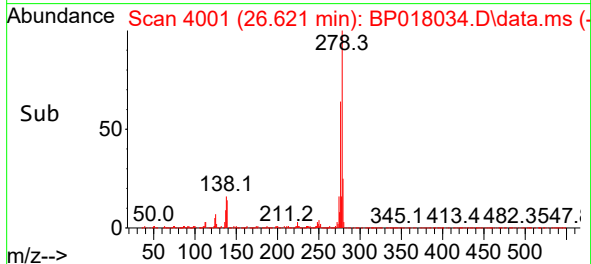
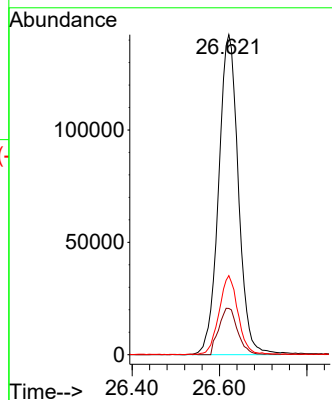
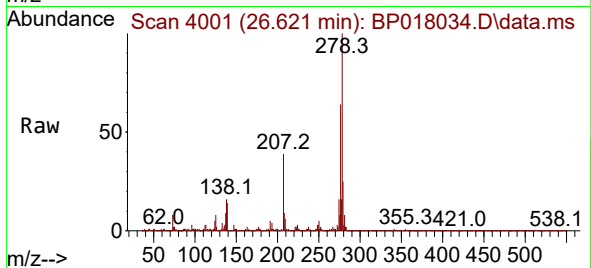
Tgt Ion:278 Resp: 444969

Ion Ratio Lower Upper

278 100

139 14.4 11.1 16.7

279 24.7 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 19.905 ng/ul

RT: 27.427 min Scan# 4138

Delta R.T. -0.006 min

Lab File: BP018034.D

Acq: 10 Nov 2023 20:00

Tgt Ion:276 Resp: 432672

Ion Ratio Lower Upper

276 100

138 18.9 13.8 20.6

277 23.4 20.2 30.2

