

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018263.D
 Acq On : 18 Nov 2023 16:04
 Operator : MA/JU
 Sample : PB157223BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 00:55:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	70310	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.593	136	299148	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	220298	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	498849	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	494005	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	511531	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	10196	5.116	ng/uL	0.00
4) Pyridine-d5	3.587	84	138332	26.619	ng/u1	0.00
7) Phenol-d5	6.946	99	182165	26.837	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	109978	27.570	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	143212	26.642	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	146886	26.408	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	72471	26.889	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.693	143	84630	27.717	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.216	165	165624	30.434	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.769	131	197526	26.467	ng/u1	-0.02
46) Dimethylphthalate-d6	13.881	166	565686	27.830	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	586703	26.501	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	79188	26.071	ng/u1	-0.02
60) Fluorene-d10	15.463	176	453248	27.008	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	108750	30.156	ng/u1	0.00
73) Anthracene-d10	17.339	188	745318	27.625	ng/u1	0.00
81) Pyrene-d10	19.604	212	926999	28.093	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	879369	29.565	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	24021	11.044	ng/uL	98
5) Pyridine	3.605	79	150646	28.087	ng/u1	97
6) Benzaldehyde	6.952	77	118220	32.339	ng/u1	94
8) Phenol	6.975	94	202967	30.311	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.222	93	156475	30.121	ng/u1	97
12) 2-Chlorophenol	7.328	128	165566	30.677	ng/u1	96
13) 2-Methylphenol	8.228	108	154007	30.439	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.287	45	103580	17.462	ng/u1	96
16) Acetophenone	8.634	105	271266	30.681	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.599	70	146484	30.346	ng/u1	94
18) 4-Methylphenol	8.569	108	166004	30.085	ng/u1	99
19) Hexachloroethane	8.822	117	83006	32.145	ng/u1	95
22) Nitrobenzene	9.028	77	235163	32.314	ng/u1	95
23) Isophorone	9.534	82	410551	30.917	ng/u1	99
25) 2-Nitrophenol	9.728	139	100249	31.950	ng/u1	95
26) 2,4-Dimethylphenol	9.769	107	167751	25.133	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.022	93	226451	31.272	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	176826	34.027	ng/u1	97
30) Naphthalene	10.640	128	557222	30.629	ng/u1	99
32) 4-Chloroaniline	10.799	127	193430	27.059	ng/u1	97
33) Hexachlorobutadiene	10.857	225	123495	32.371	ng/u1	99
34) Caprolactam	11.634	113	30044	17.403	ng/u1	96
35) 4-Chloro-3-methylphenol	11.916	107	209474	33.505	ng/u1	95
36) 2-Methylnaphthalene	12.263	142	404791	32.410	ng/u1	99

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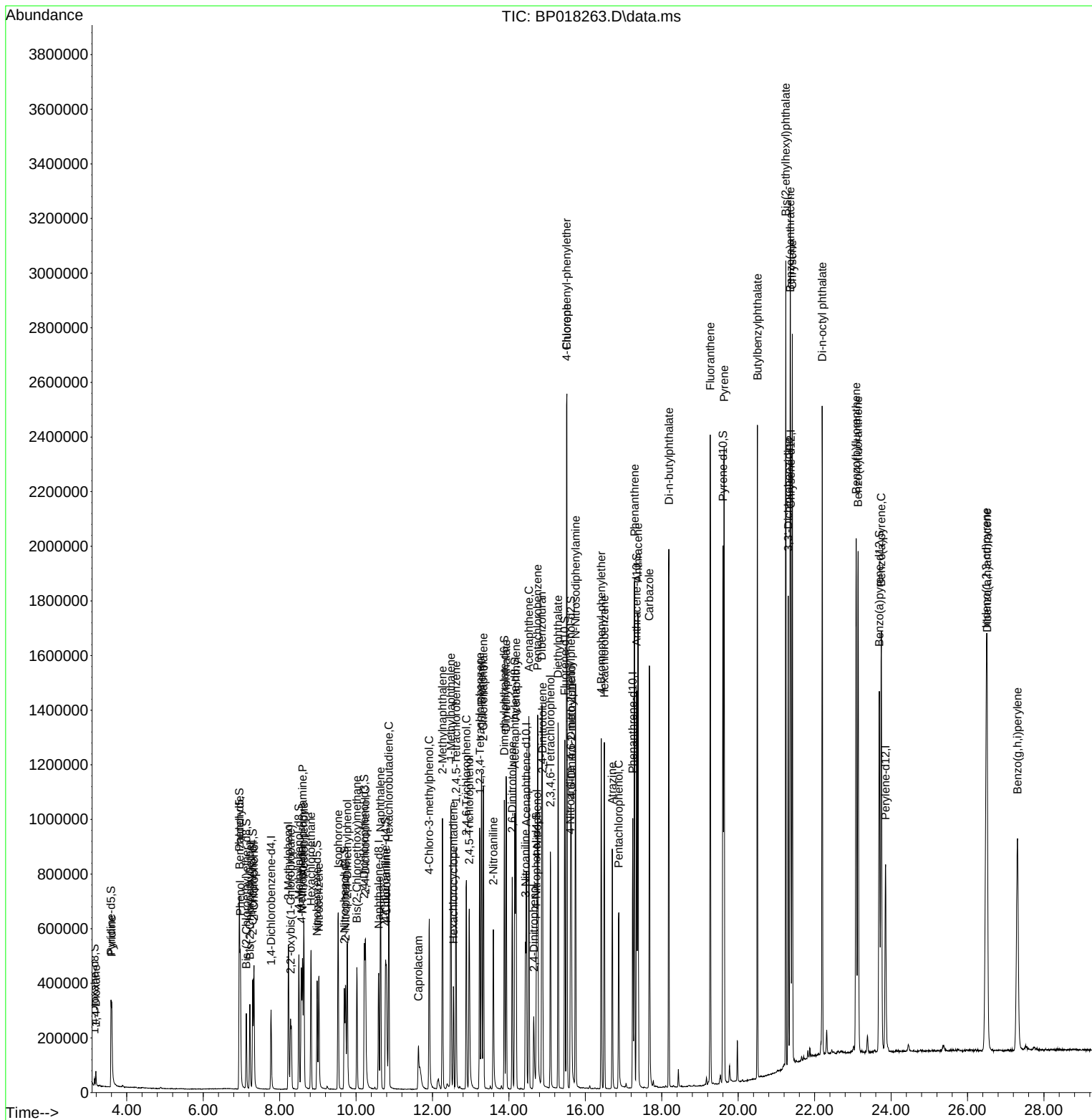
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 ClientSampleId :

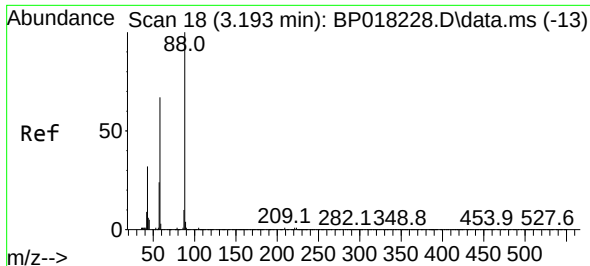
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	398236	31.029	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.616	216	219905	29.549	ng/ul	96
40) Hexachlorocyclopentadiene	12.551	237	83968	23.375	ng/ul	98
41) 2,4,6-Trichlorophenol	12.887	196	152208	31.177	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	165305	32.173	ng/ul	94
43) 1,1'-Biphenyl	13.287	154	565135	30.168	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	453606	30.500	ng/ul	99
45) 2-Nitroaniline	13.592	65	163102	33.984	ng/ul	96
47) Dimethylphthalate	13.928	163	631124	31.652	ng/ul	100
48) 2,6-Dinitrotoluene	14.087	165	129144	32.586	ng/ul	99
50) Acenaphthylene	14.187	152	759410	30.382	ng/ul	99
51) 3-Nitroaniline	14.434	138	118499	32.222	ng/ul	97
52) Acenaphthene	14.522	153	506639	30.567	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	62261	28.797	ng/ul	94
55) 4-Nitrophenol	14.734	109	129208	32.047	ng/ul	93
56) Dibenzofuran	14.863	168	694410	30.573	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	194943	32.923	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.086	232	150605	32.951	ng/ul	95
59) Diethylphthalate	15.287	149	663564	31.854	ng/ul	98
61) Fluorene	15.516	166	616261	31.958	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	337161	35.679	ng/ul	96
63) 4-Nitroaniline	15.610	138	118545	34.160	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.634	198	122610	32.765	ng/ul	100
67) N-Nitrosodiphenylamine	15.745	169	505348	31.588	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	189746	33.748	ng/ul	95
69) Hexachlorobenzene	16.498	284	216493	34.508	ng/ul	93
70) Atrazine	16.704	200	148015	26.523	ng/ul	97
71) Pentachlorophenol	16.875	266	90584	23.786	ng/ul	97
72) Phenanthrene	17.286	178	995759	32.510	ng/ul	99
74) Anthracene	17.381	178	991286	31.714	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	248759	32.655	ng/uL	96
76) Pentachlorobenzene	14.751	250	257942	34.588	ng/uL	97
77) Carbazole	17.675	167	911306	33.574	ng/ul	99
78) Di-n-butylphthalate	18.186	149	1244249	36.128	ng/ul	99
80) Fluoranthene	19.269	202	1235287	32.055	ng/ul	100
82) Pyrene	19.633	202	1300135	32.196	ng/ul	98
83) Butylbenzylphthalate	20.504	149	601385	35.412	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.310	252	400074	33.897	ng/ul	95
85) Benzo(a)anthracene	21.363	228	1323547	33.180	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	863923	36.898	ng/ul	99
87) Chrysene	21.416	228	1212368	32.487	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	1473142	38.508	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	1235617	33.942	ng/ul	98
91) Benzo(k)fluoranthene	23.139	252	1247378	34.057	ng/ul	99
93) Benzo(a)pyrene	23.745	252	1163617	33.847	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.492	276	1364540	33.093	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	1140186	33.583	ng/ul	99
96) Benzo(g,h,i)perylene	27.309	276	1084035	32.870	ng/ul	97

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

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Response via : Initial Calibration

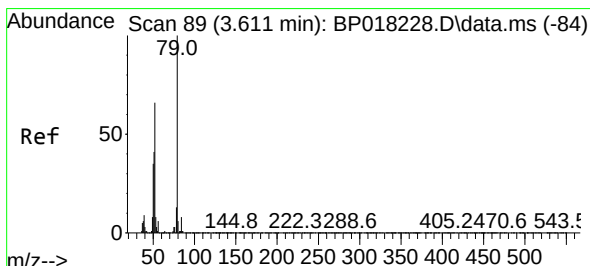
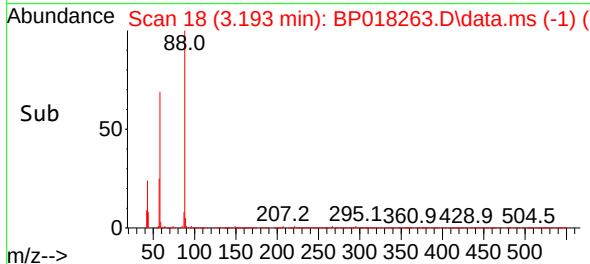
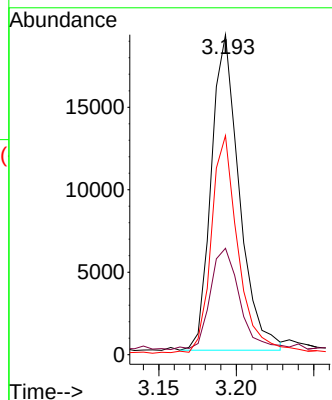
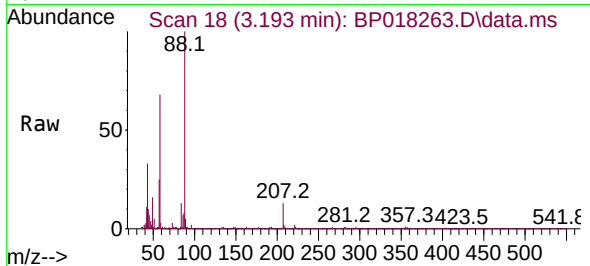




#2
 1,4-Dioxane
 Concen: 11.044 ng/uL
 RT: 3.193 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BP018263.D
 Acq: 18 Nov 2023 16:04

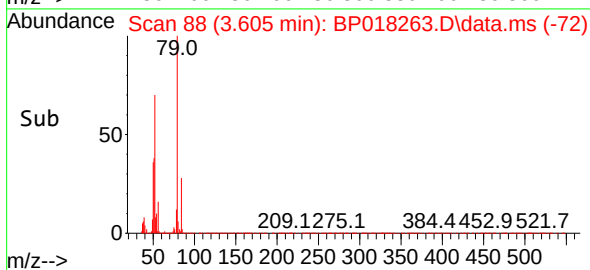
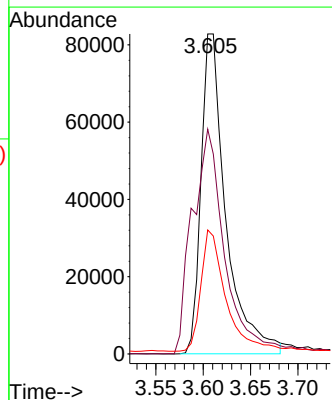
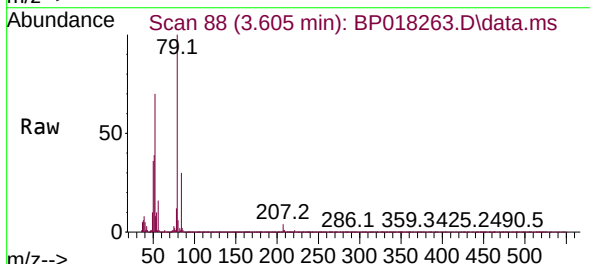
Instrument :
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 ClientSampleId :

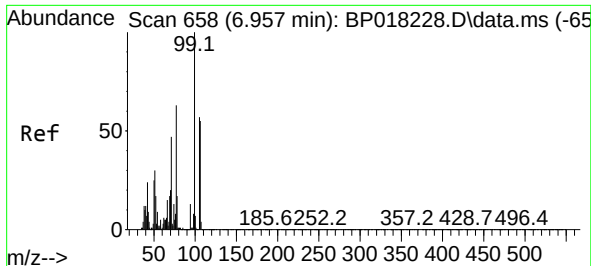
Tgt Ion: 88 Resp: 24021
 Ion Ratio Lower Upper
 88 100
 43 33.2 25.4 38.2
 58 68.4 53.3 79.9



#5
 Pyridine
 Concen: 28.087 ng/uL
 RT: 3.605 min Scan# 88
 Delta R.T. -0.006 min
 Lab File: BP018263.D
 Acq: 18 Nov 2023 16:04

Tgt Ion: 79 Resp: 150646
 Ion Ratio Lower Upper
 79 100
 52 70.3 53.9 80.9
 51 38.8 32.2 48.2

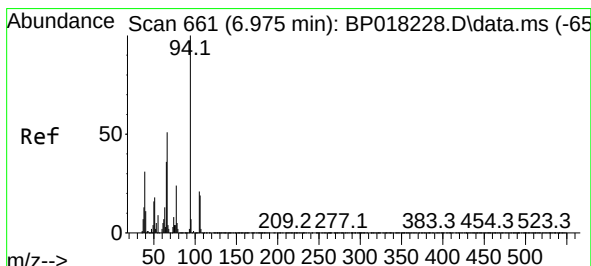
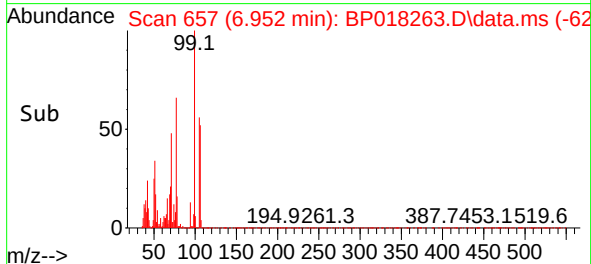
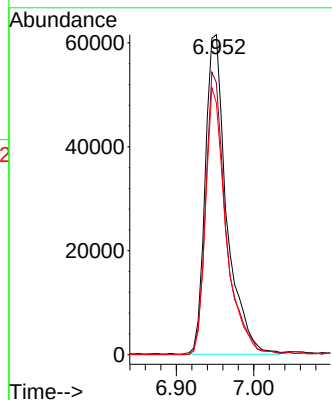
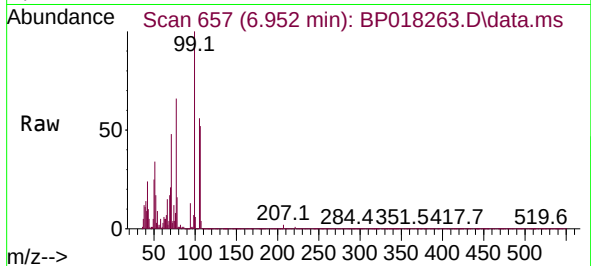




#6
Benzaldehyde
Concen: 32.339 ng/ul
RT: 6.952 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

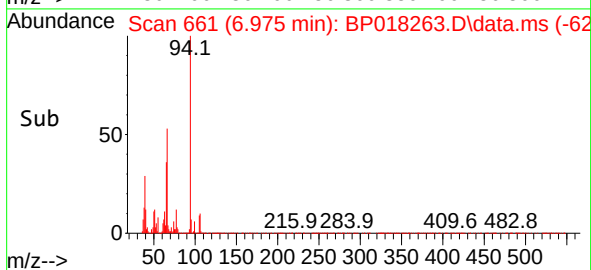
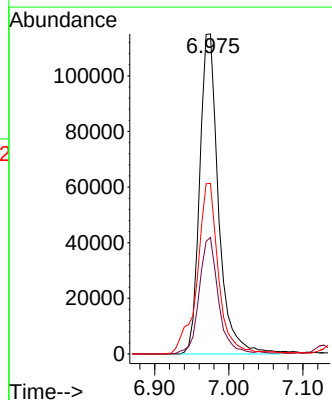
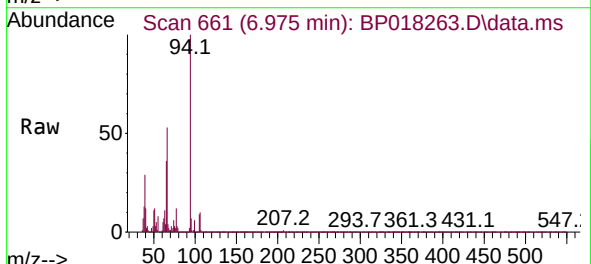
Instrument :
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ClientSampleId :

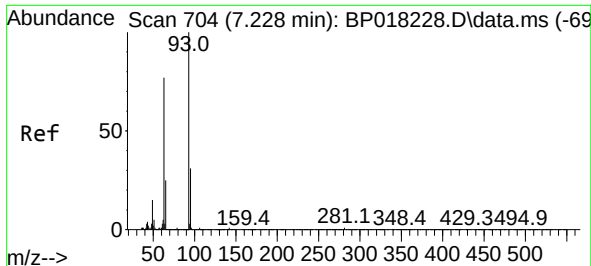
Tgt Ion: 77 Resp: 118220
Ion Ratio Lower Upper
77 100
105 85.0 72.7 109.1
106 78.7 67.5 101.3



#8
Phenol
Concen: 30.311 ng/ul
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

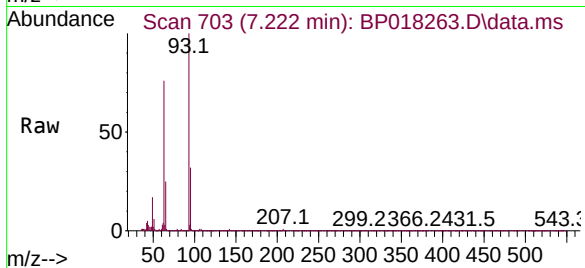
Tgt Ion: 94 Resp: 202967
Ion Ratio Lower Upper
94 100
65 36.4 28.2 42.2
66 53.3 40.3 60.5





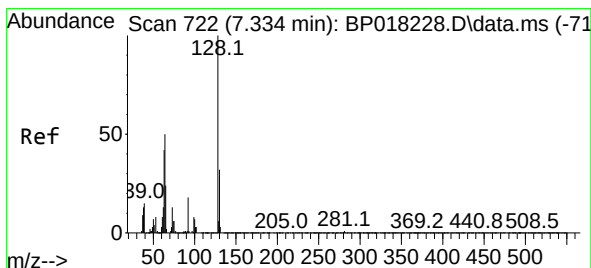
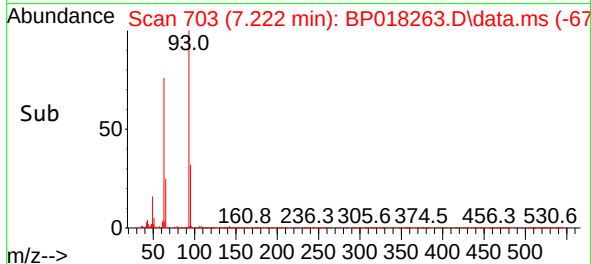
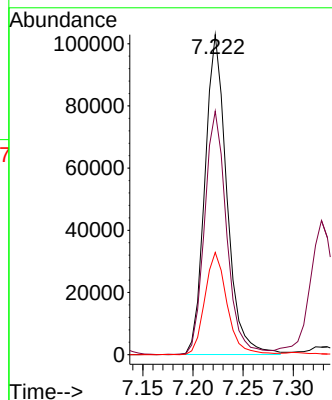
#10
 Bis(2-Chloroethyl)ether
 Concen: 30.121 ng/ul
 RT: 7.222 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: BP018263.D
 Acq: 18 Nov 2023 16:04

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 93 Resp: 156475

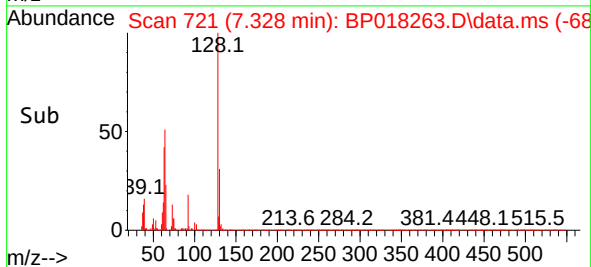
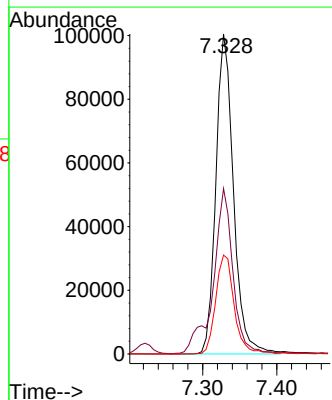
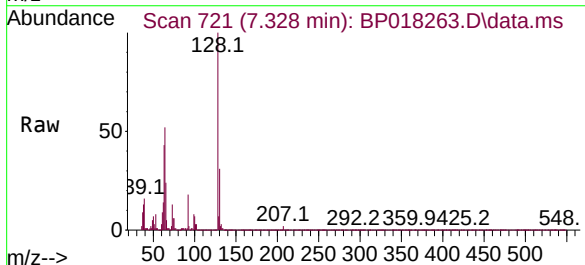
Ion	Ratio	Lower	Upper
93	100		
63	76.1	57.8	86.6
95	31.9	25.5	38.3

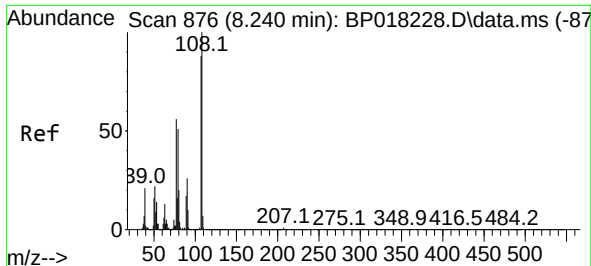


#12
 2-Chlorophenol
 Concen: 30.677 ng/ul
 RT: 7.328 min Scan# 721
 Delta R.T. -0.012 min
 Lab File: BP018263.D
 Acq: 18 Nov 2023 16:04

Tgt Ion: 128 Resp: 165566

Ion	Ratio	Lower	Upper
128	100		
64	51.7	39.2	58.8
130	30.9	26.6	40.0

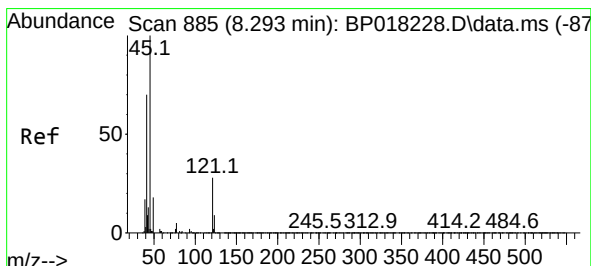
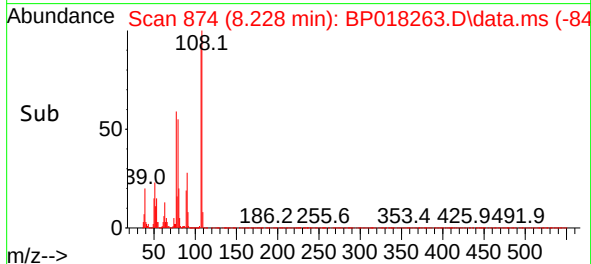
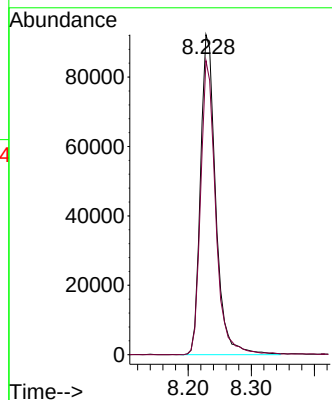
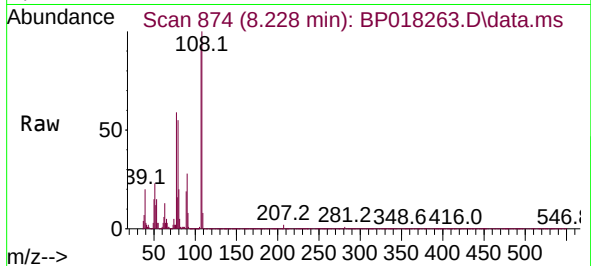




#13
2-Methylphenol
Concen: 30.439 ng/ul
RT: 8.228 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

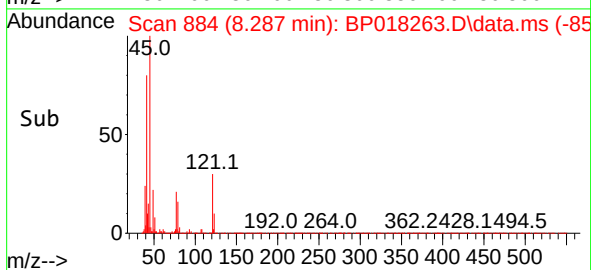
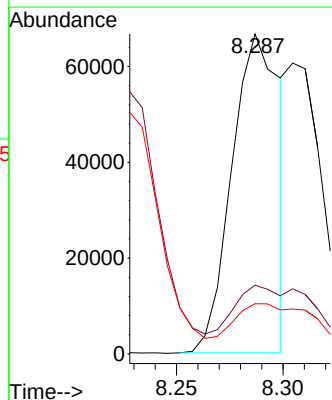
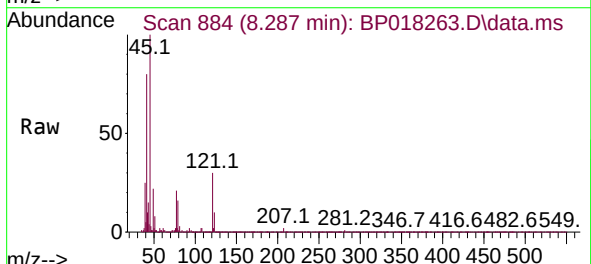
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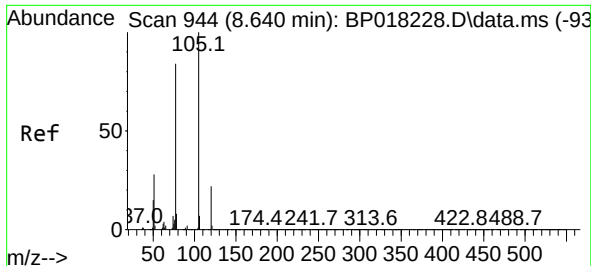
Tgt Ion:108 Resp: 154007
Ion Ratio Lower Upper
108 100
107 91.9 75.2 112.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 17.462 ng/ul
RT: 8.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion: 45 Resp: 103580
Ion Ratio Lower Upper
45 100
77 21.5 16.1 24.1
79 15.7 11.1 16.7

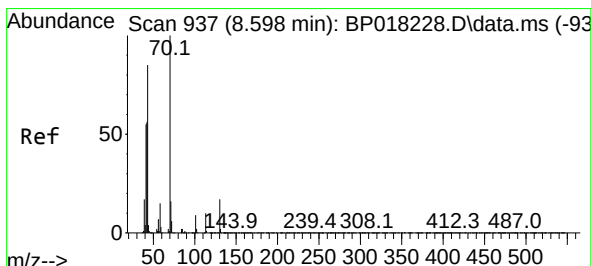
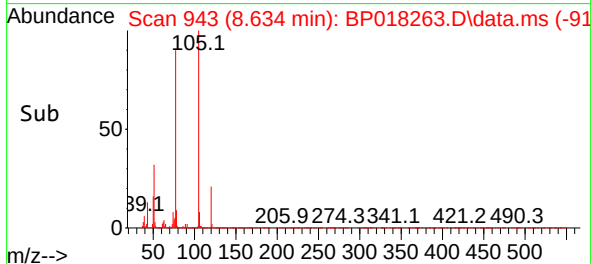
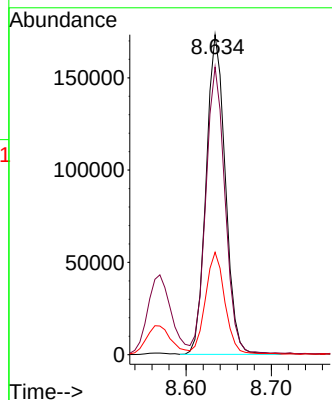
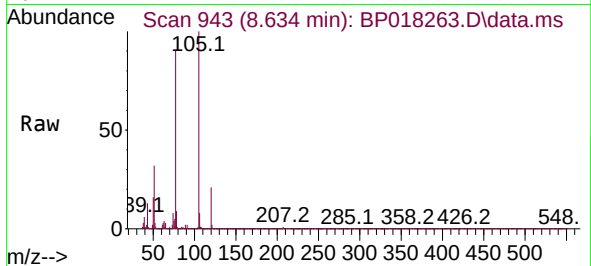




#16
Acetophenone
Concen: 30.681 ng/ul
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
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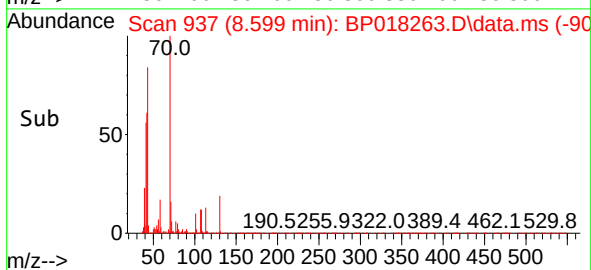
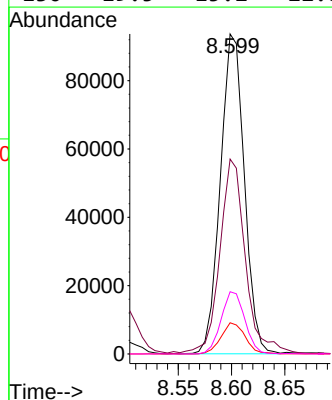
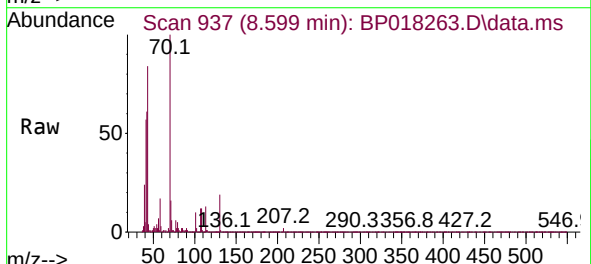
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BNA_M
ClientSampleId :

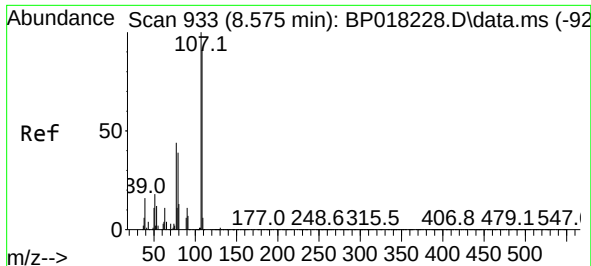
Tgt Ion:105 Resp: 271266
Ion Ratio Lower Upper
105 100
77 89.9 70.1 105.1
51 32.0 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 30.346 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

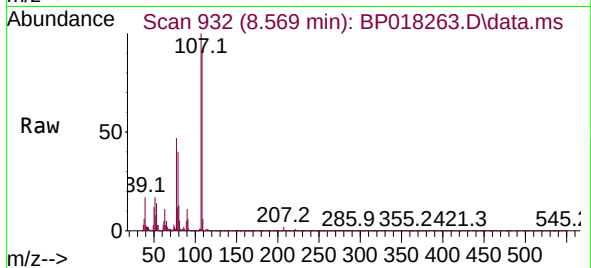
Tgt Ion: 70 Resp: 146484
Ion Ratio Lower Upper
70 100
42 60.9 43.7 65.5
101 9.8 8.2 12.4
130 19.5 15.2 22.8



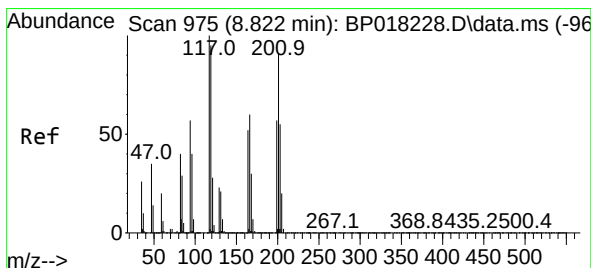
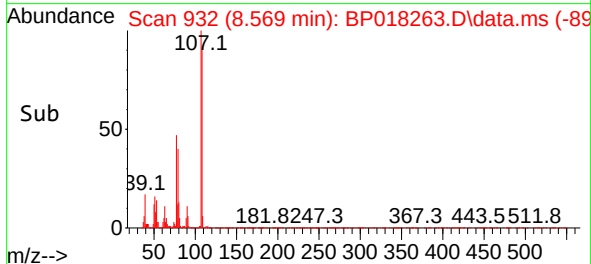
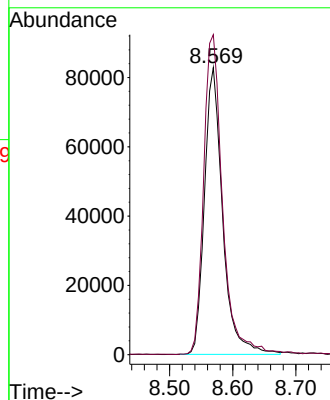


#18
4-Methylphenol
Concen: 30.085 ng/ul
RT: 8.569 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Instrument :
BNA_M
ClientSampleId :

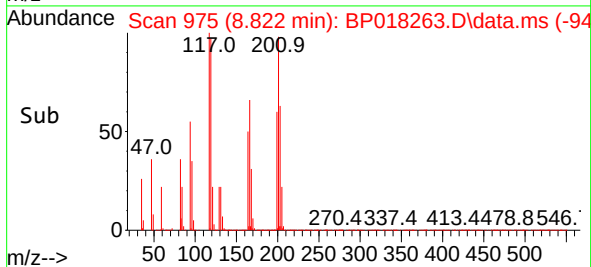
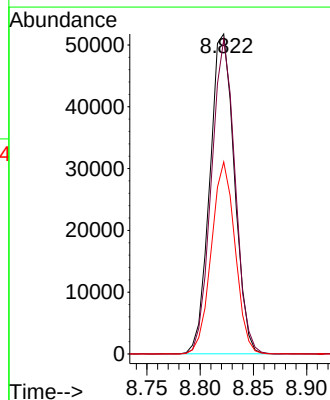
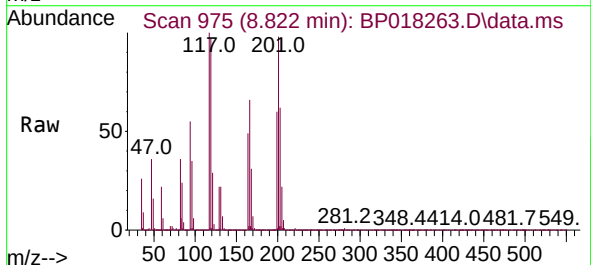


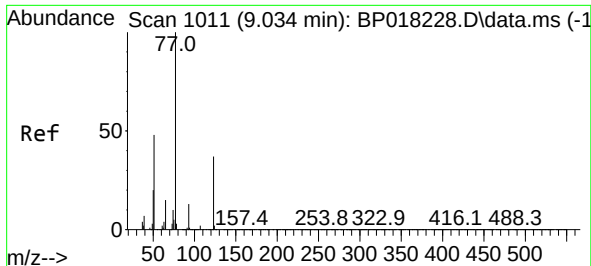
Tgt Ion:108 Resp: 166004
Ion Ratio Lower Upper
108 100
107 111.5 88.2 132.4



#19
Hexachloroethane
Concen: 32.145 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:117 Resp: 83006
Ion Ratio Lower Upper
117 100
201 98.3 84.8 127.2
199 60.0 49.0 73.4

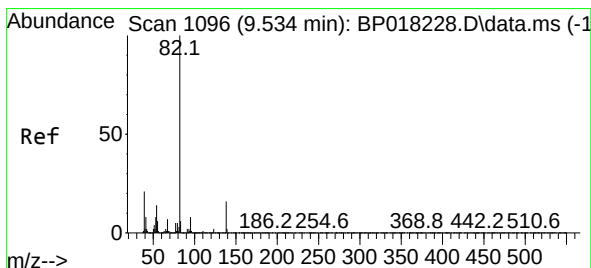
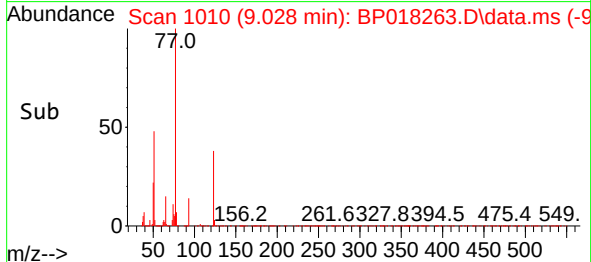
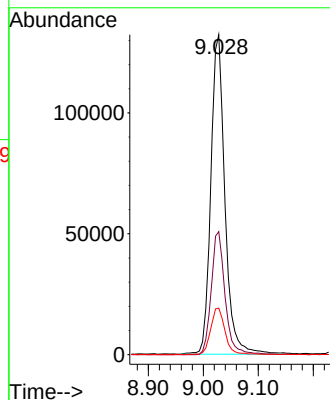
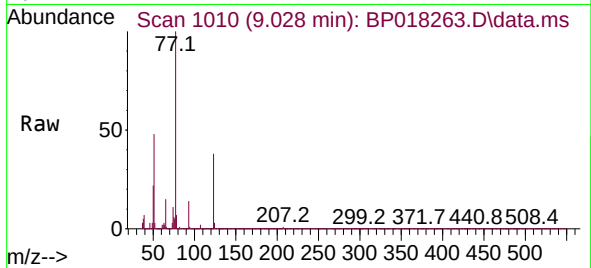




#22
Nitrobenzene
Concen: 32.314 ng/ul
RT: 9.028 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

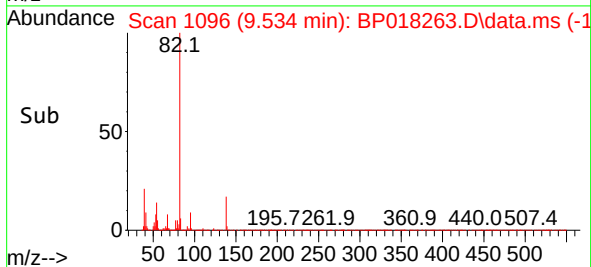
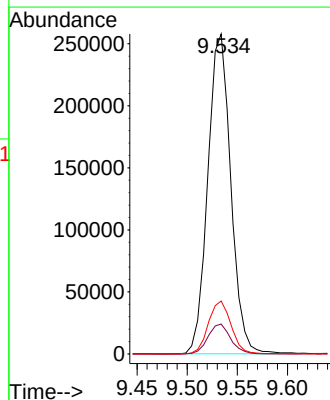
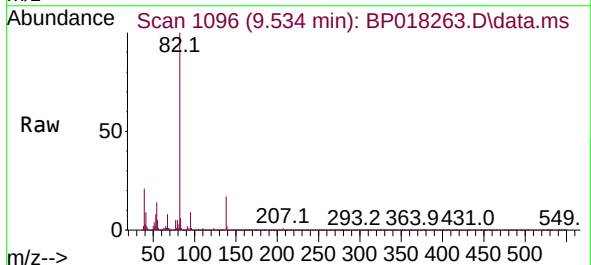
Instrument :
BNA_M
ClientSampleId :

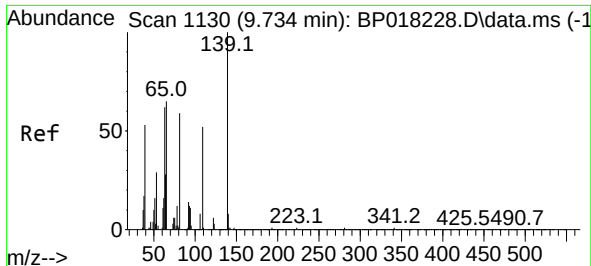
Tgt Ion: 77 Resp: 235163
Ion Ratio Lower Upper
77 100
123 38.5 27.8 41.8
65 14.5 11.5 17.3



#23
Isophorone
Concen: 30.917 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion: 82 Resp: 410551
Ion Ratio Lower Upper
82 100
95 9.3 6.6 9.8
138 16.5 13.1 19.7

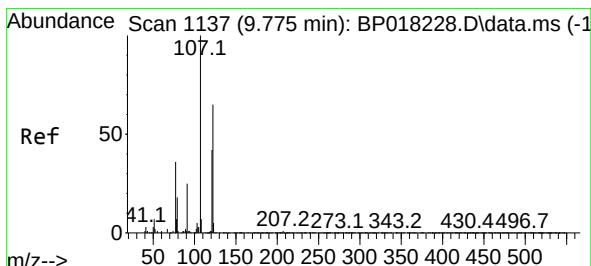
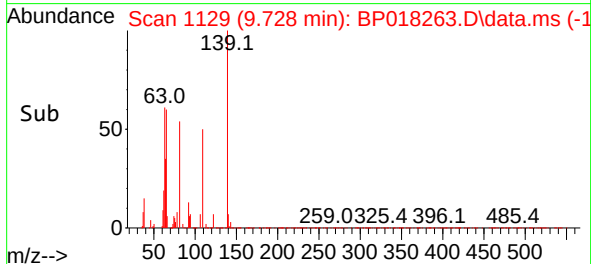
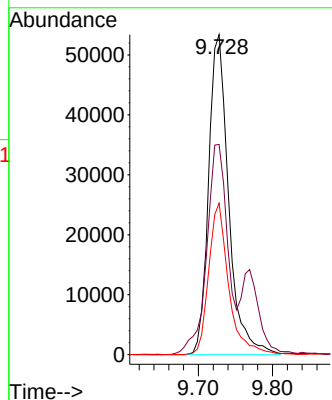
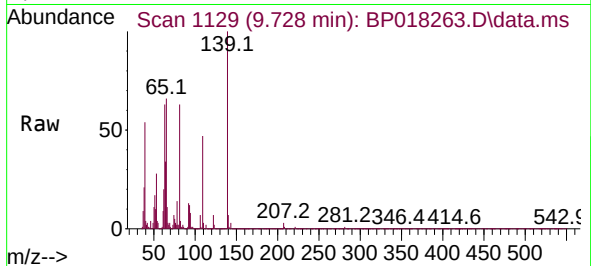




#25
2-Nitrophenol
Concen: 31.950 ng/ul
RT: 9.728 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

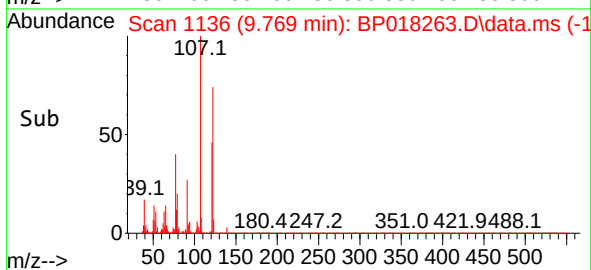
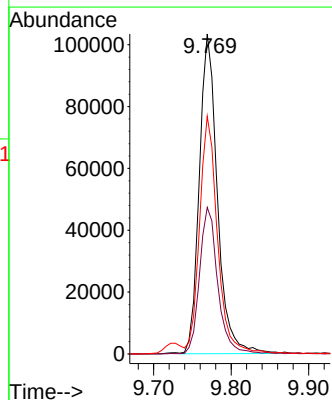
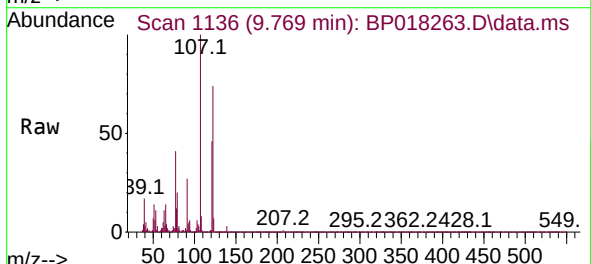
Instrument :
BNA_M
ClientSampleId :

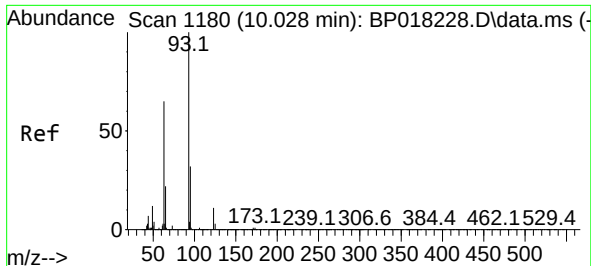
Tgt Ion:139 Resp: 100249
Ion Ratio Lower Upper
139 100
65 65.7 51.4 77.0
109 47.4 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 25.133 ng/ul
RT: 9.769 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:107 Resp: 167751
Ion Ratio Lower Upper
107 100
121 45.8 37.8 56.8
122 74.3 62.1 93.1

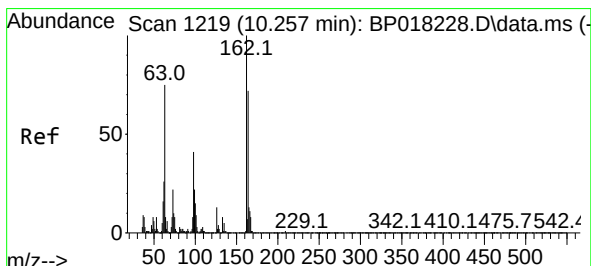
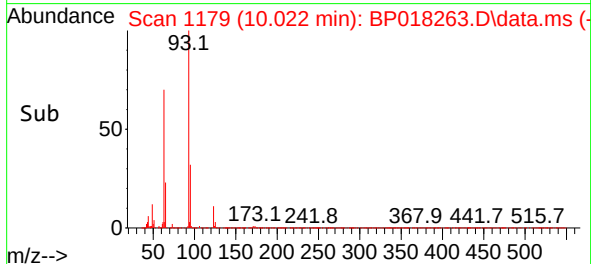
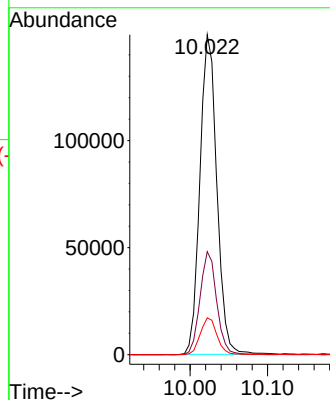
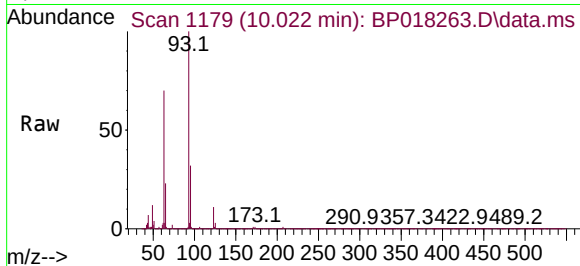




#27
Bis(2-Chloroethoxy)methane
Concen: 31.272 ng/ul
RT: 10.022 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

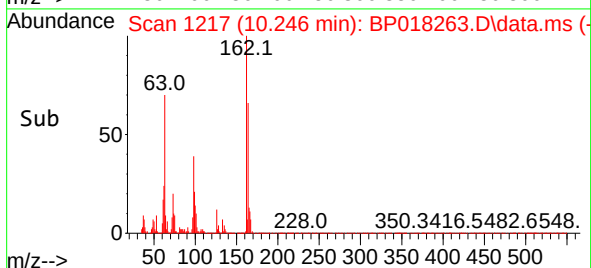
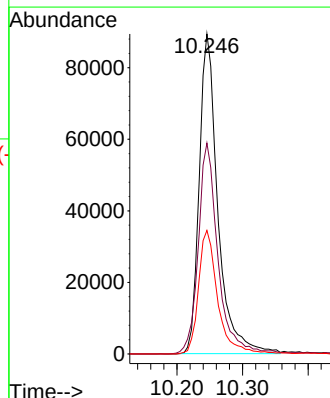
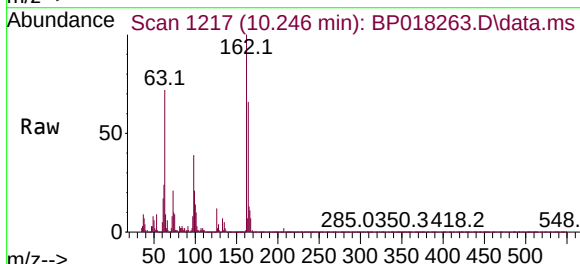
Instrument :
BNA_M
ClientSampleId :

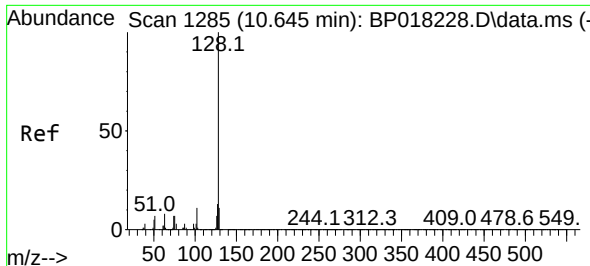
Tgt Ion: 93 Resp: 226451
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.2
123 11.5 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 34.027 ng/ul
RT: 10.246 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:162 Resp: 176826
Ion Ratio Lower Upper
162 100
164 65.9 51.8 77.6
98 38.6 28.7 43.1

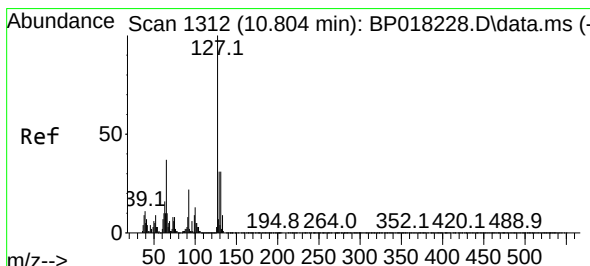
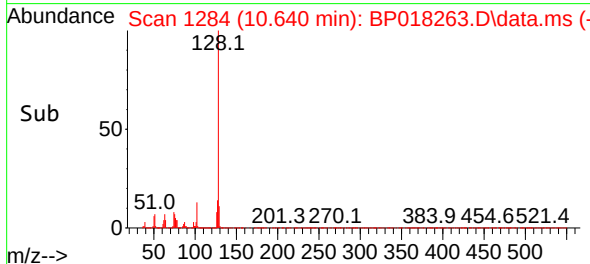
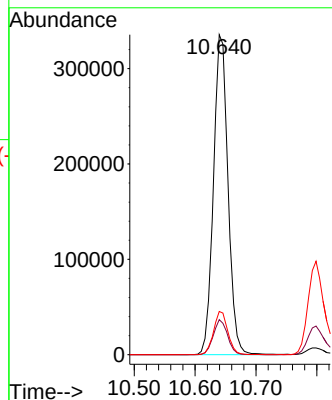
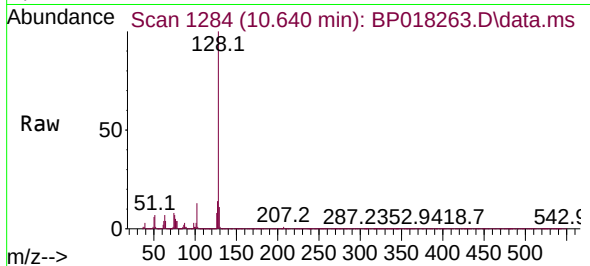




#30
Naphthalene
Concen: 30.629 ng/ul
RT: 10.640 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

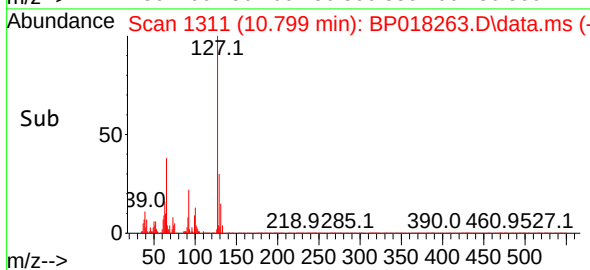
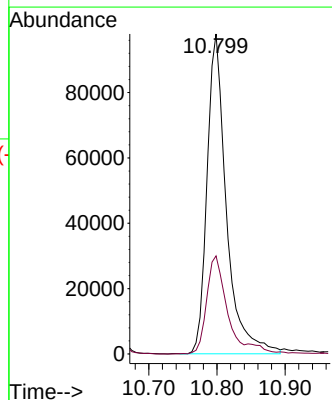
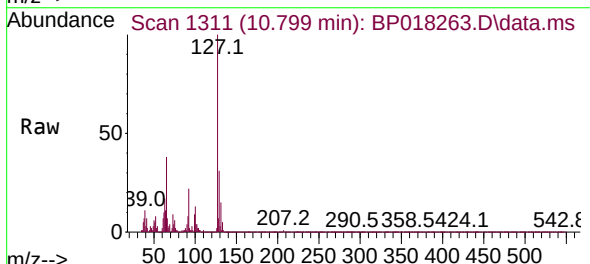
Instrument :
BNA_M
ClientSampleId :

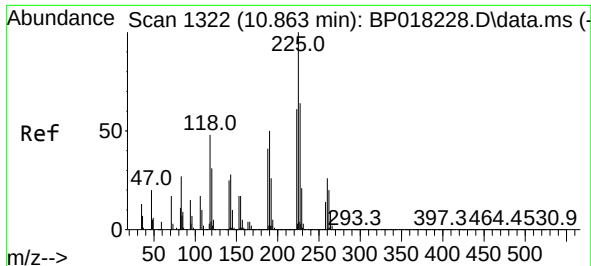
Tgt Ion:128 Resp: 557222
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.5 10.3 15.5



#32
4-Chloroaniline
Concen: 27.059 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:127 Resp: 193430
Ion Ratio Lower Upper
127 100
129 30.7 26.1 39.1

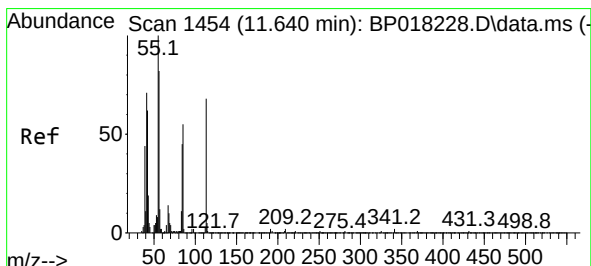
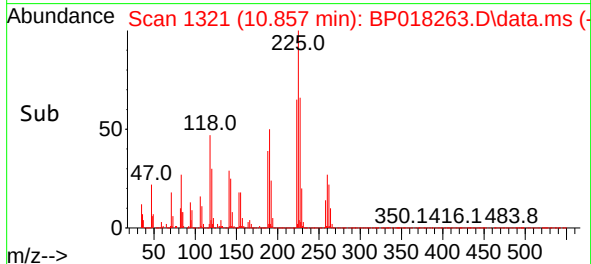
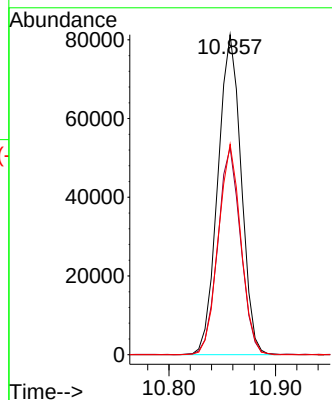
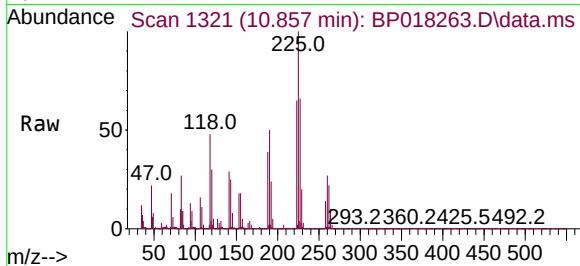




#33
Hexachlorobutadiene
Concen: 32.371 ng/ul
RT: 10.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

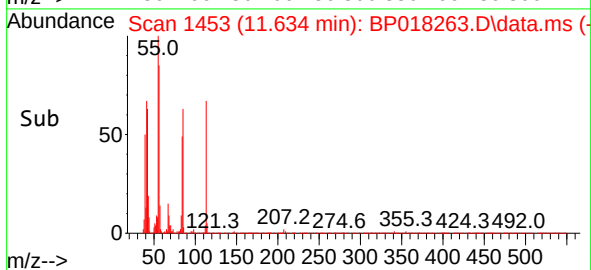
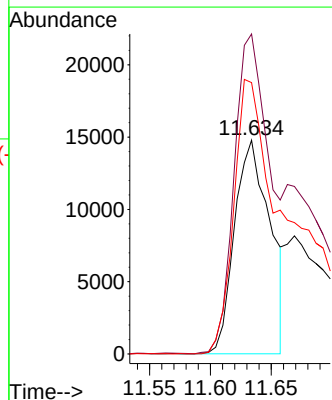
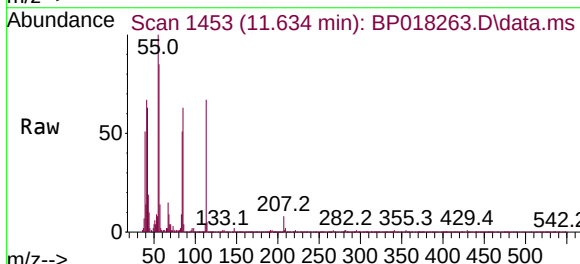
Instrument :
BNA_M
ClientSampleId :

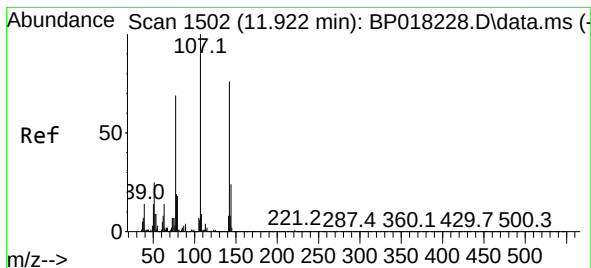
Tgt Ion:225 Resp: 123495
Ion Ratio Lower Upper
225 100
223 64.7 52.5 78.7
227 65.7 51.9 77.9



#34
Caprolactam
Concen: 17.403 ng/ul
RT: 11.634 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:113 Resp: 30044
Ion Ratio Lower Upper
113 100
55 149.6 118.3 177.5
56 126.9 95.6 143.4

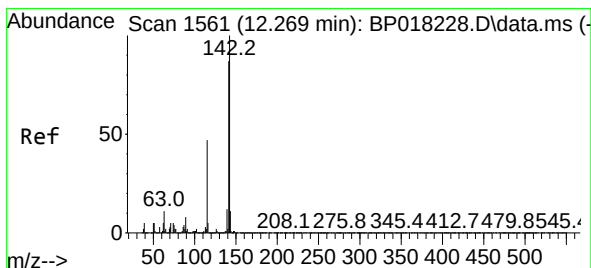
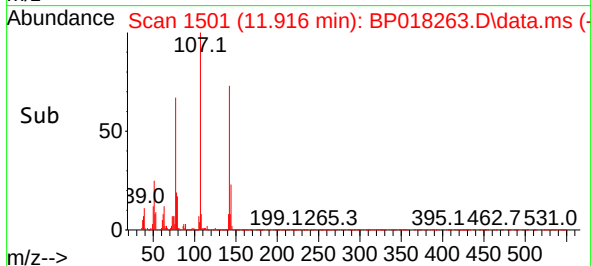
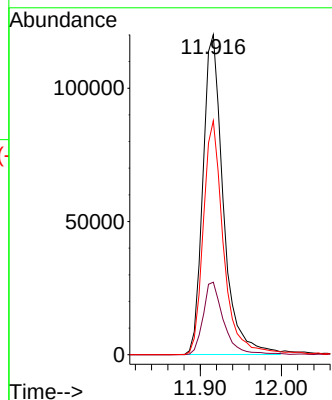
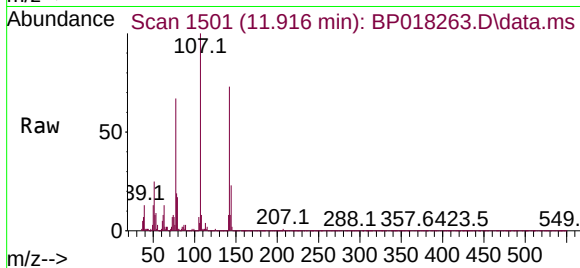




#35
4-Chloro-3-methylphenol
Concen: 33.505 ng/ul
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

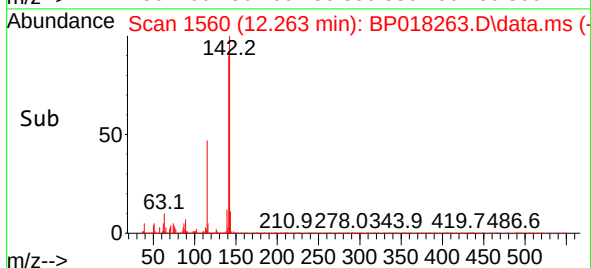
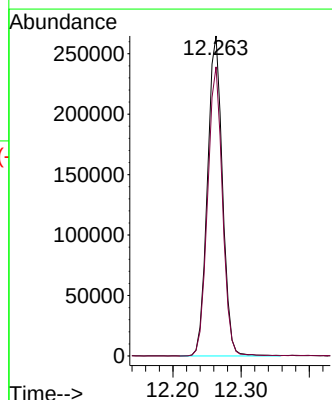
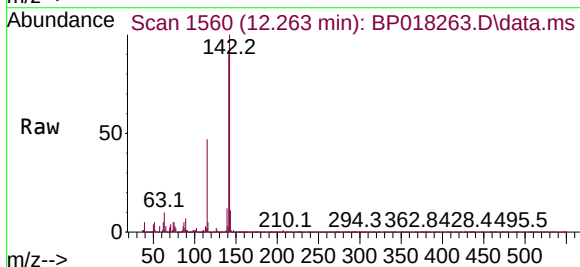
Instrument :
BNA_M
ClientSampleId :

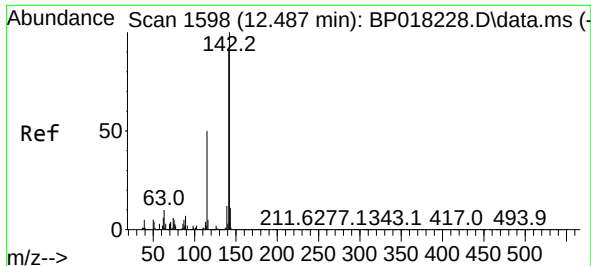
Tgt Ion:107 Resp: 209474
Ion Ratio Lower Upper
107 100
144 22.7 19.1 28.7
142 73.1 54.8 82.2



#36
2-Methylnaphthalene
Concen: 32.410 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:142 Resp: 404791
Ion Ratio Lower Upper
142 100
141 90.4 71.7 107.5

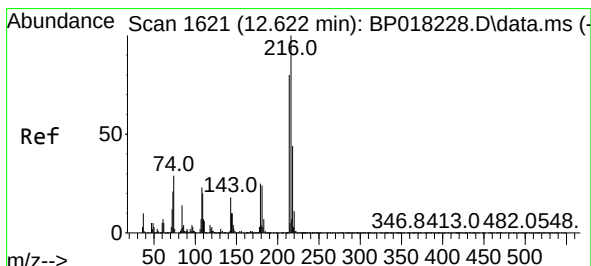
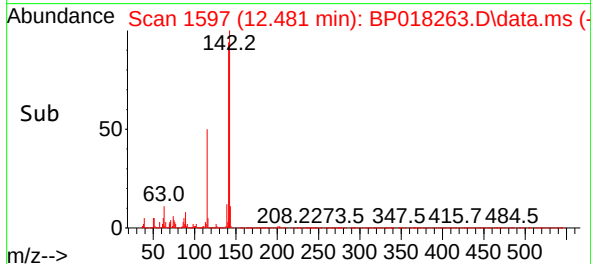
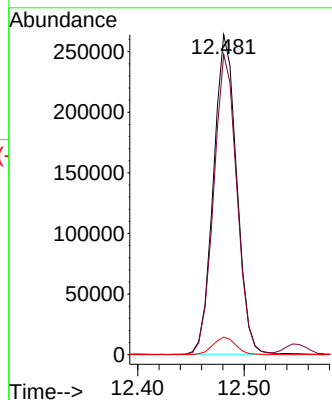
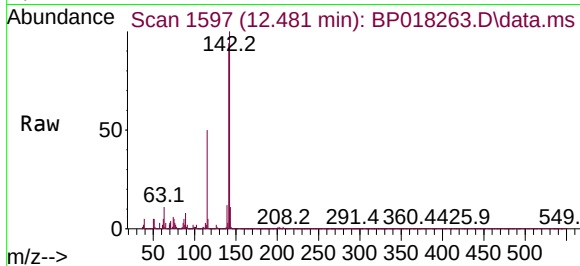




#37
1-Methylnaphthalene
Concen: 31.029 ng/ul
RT: 12.481 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

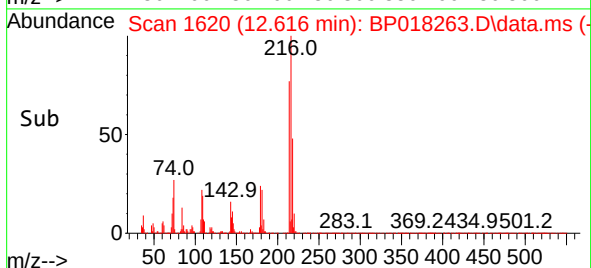
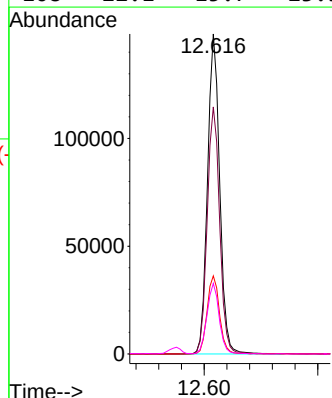
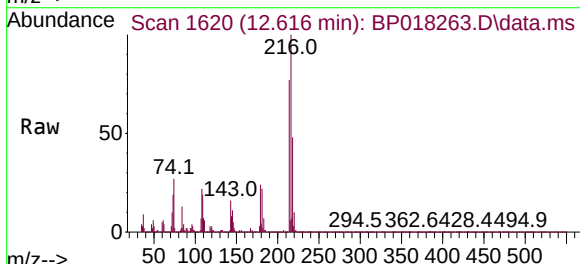
Instrument :
BNA_M
ClientSampleId :

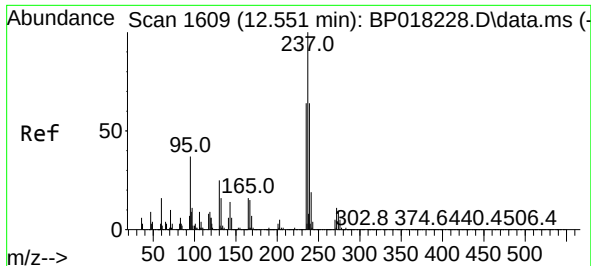
Tgt Ion:142 Resp: 398236
Ion Ratio Lower Upper
142 100
141 93.9 72.8 109.2
116 5.5 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.549 ng/ul
RT: 12.616 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:216 Resp: 219905
Ion Ratio Lower Upper
216 100
214 77.2 64.8 97.2
179 24.4 18.3 27.5
108 22.1 15.7 23.5

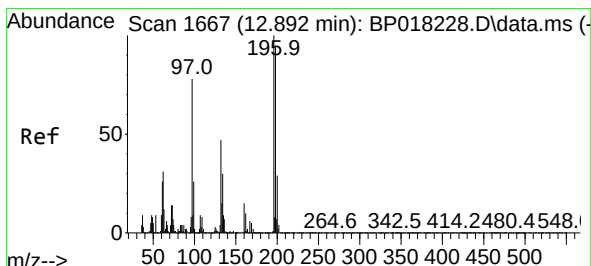
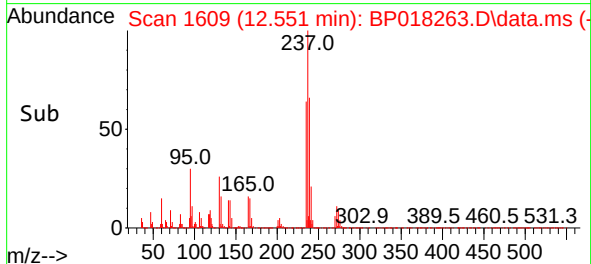
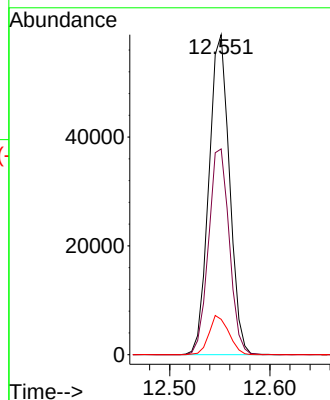
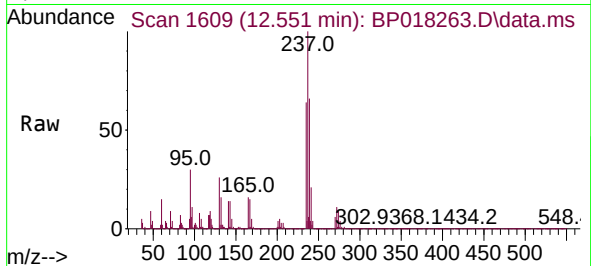




#40
Hexachlorocyclopentadiene
Concen: 23.375 ng/ul
RT: 12.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

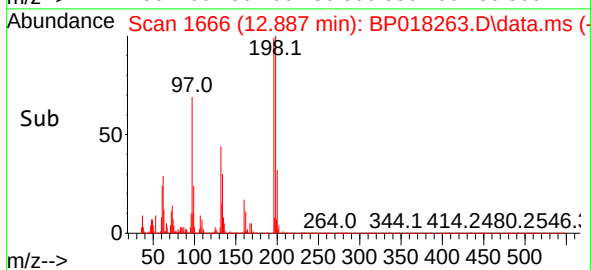
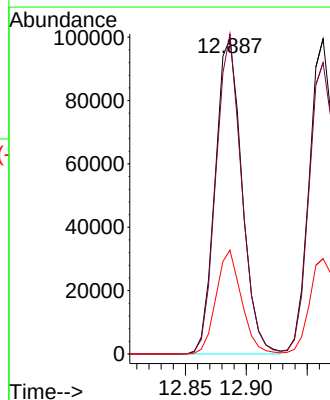
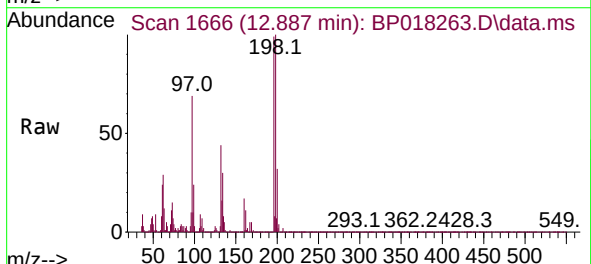
Instrument :
BNA_M
ClientSampleId :

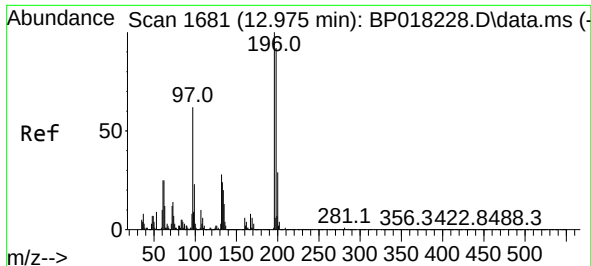
Tgt Ion:237	Resp:	83968
Ion Ratio	Lower	Upper
237	100	
235	64.3	49.9 74.9
272	11.1	8.9 13.3



#41
2,4,6-Trichlorophenol
Concen: 31.177 ng/ul
RT: 12.887 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:196	Resp:	152208
Ion Ratio	Lower	Upper
196	100	
198	101.4	78.9 118.3
200	32.9	25.8 38.8

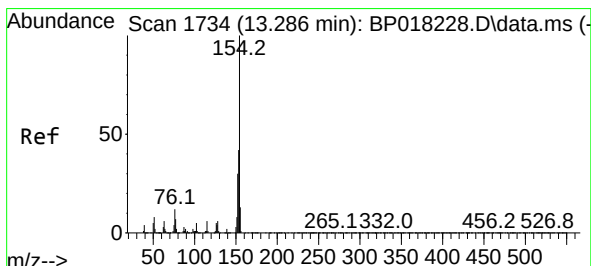
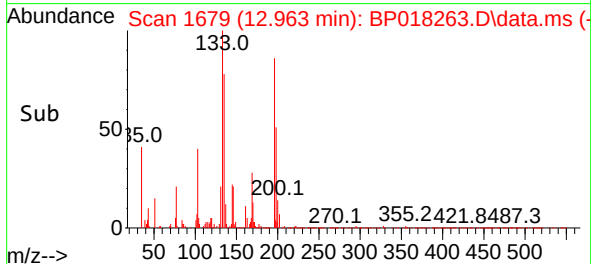
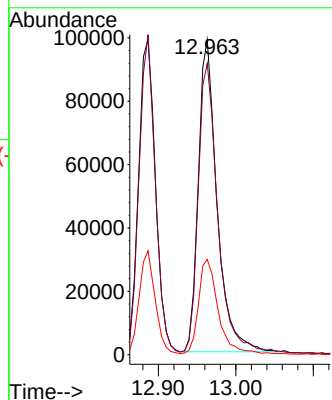
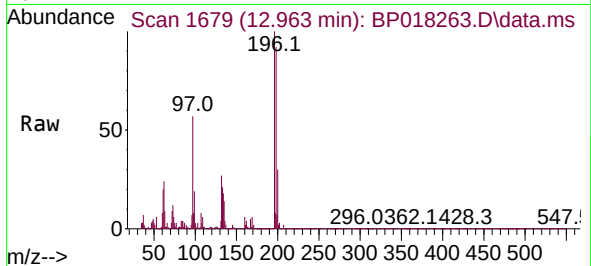




#42
2,4,5-Trichlorophenol
Concen: 32.173 ng/ul
RT: 12.963 min Scan# 1679
Delta R.T. -0.018 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

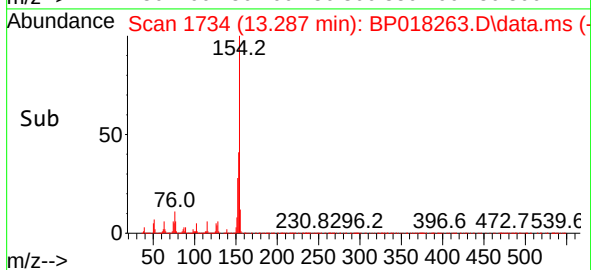
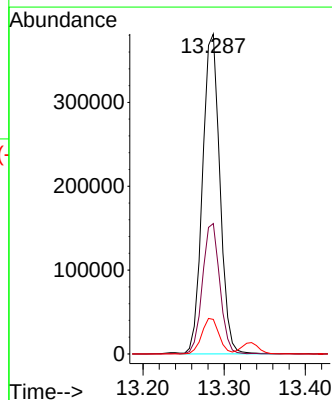
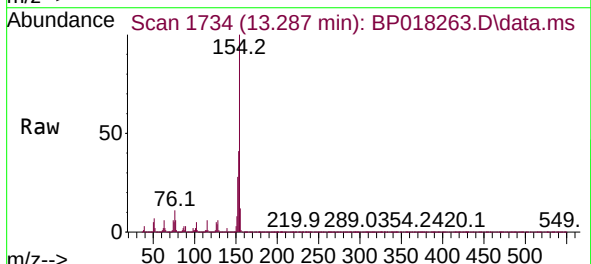
Instrument :
BNA_M
ClientSampleId :

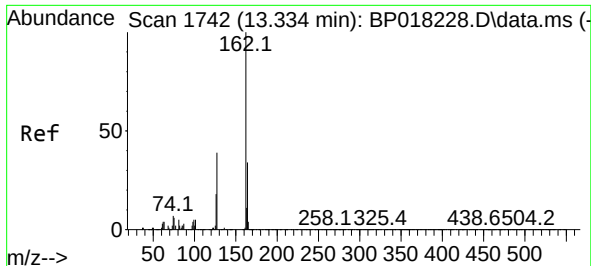
Tgt Ion:196 Resp: 165305
Ion Ratio Lower Upper
196 100
198 92.4 78.9 118.3
200 30.3 26.6 40.0



#43
1,1'-Biphenyl
Concen: 30.168 ng/ul
RT: 13.287 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:154 Resp: 565135
Ion Ratio Lower Upper
154 100
153 40.8 32.4 48.6
76 10.8 9.8 14.8

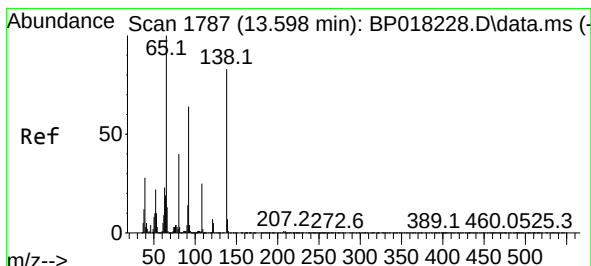
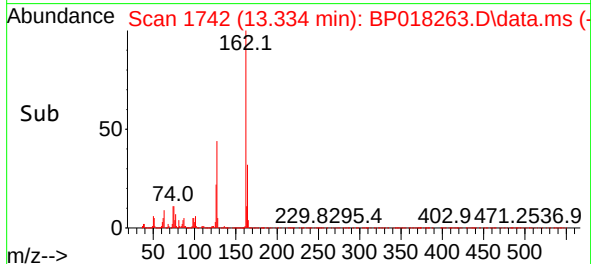
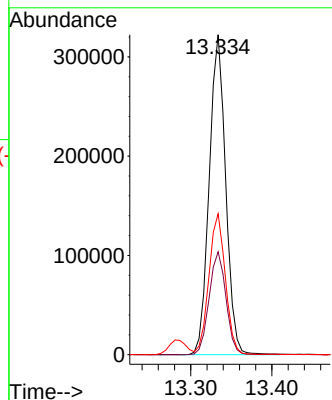
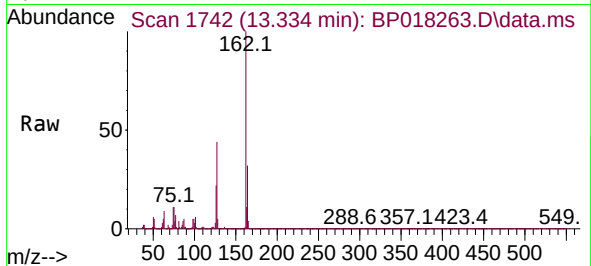




#44
2-Chloronaphthalene
Concen: 30.500 ng/ul
RT: 13.334 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

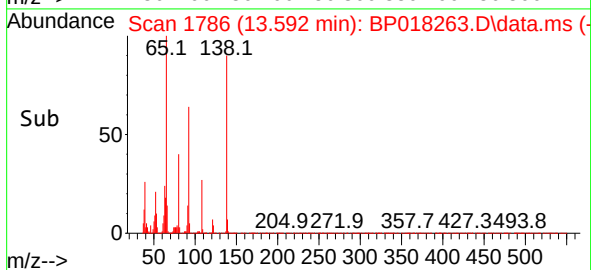
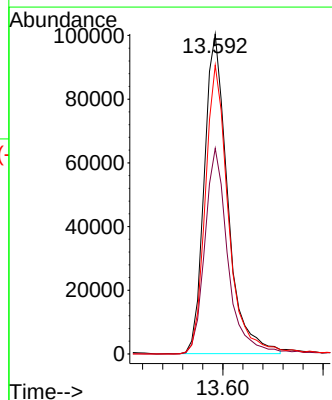
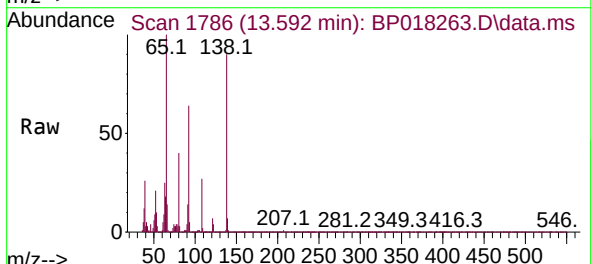
Instrument :
BNA_M
ClientSampleId :

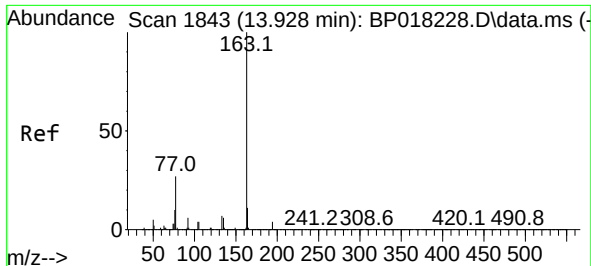
Tgt Ion:162 Resp: 453606
Ion Ratio Lower Upper
162 100
164 32.2 26.9 40.3
127 44.0 35.4 53.2



#45
2-Nitroaniline
Concen: 33.984 ng/ul
RT: 13.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion: 65 Resp: 163102
Ion Ratio Lower Upper
65 100
92 64.2 53.8 80.6
138 90.2 75.1 112.7

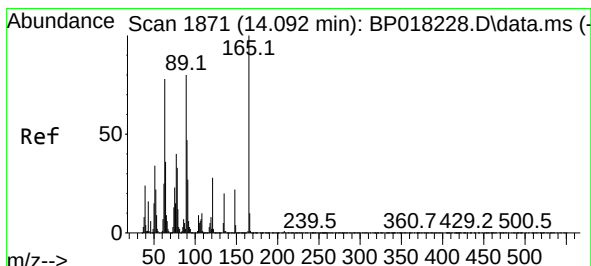
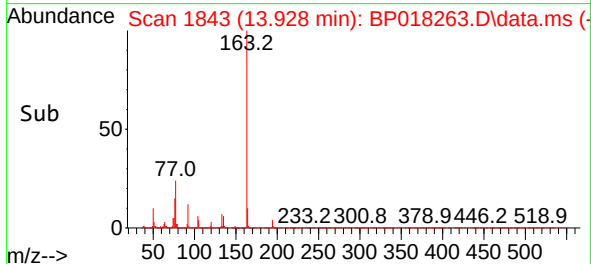
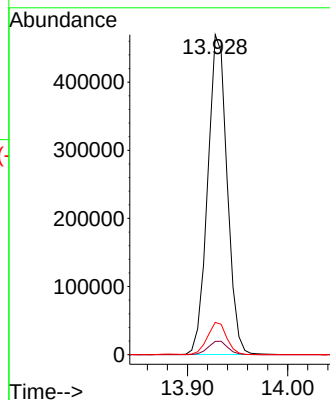
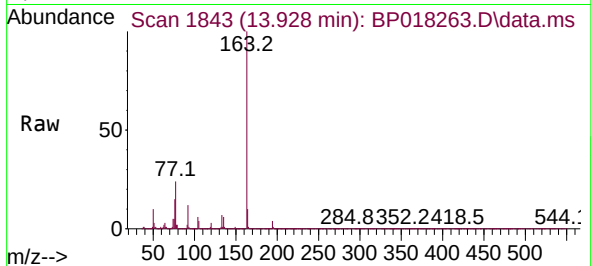




#47
Dimethylphthalate
Concen: 31.652 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

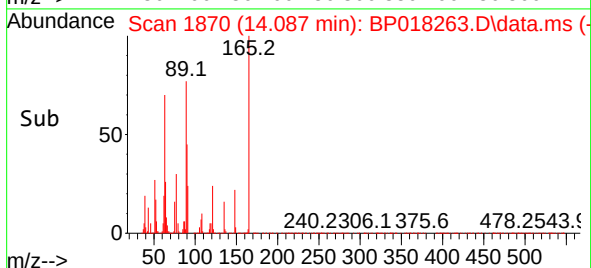
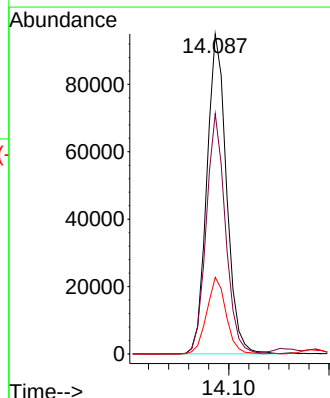
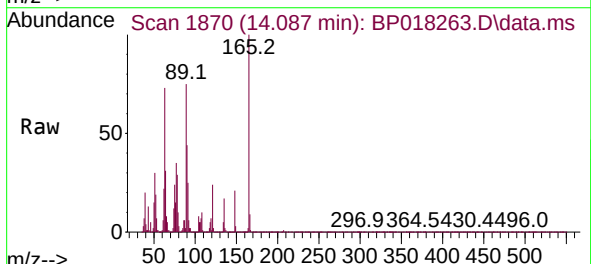
Instrument :
BNA_M
ClientSampleId :

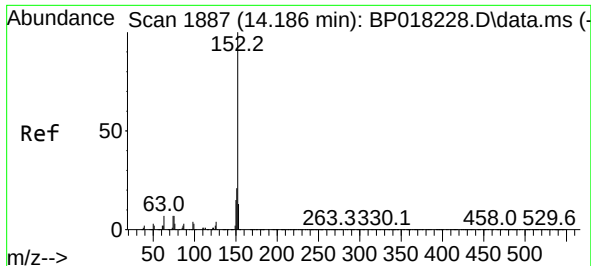
Tgt Ion:163 Resp: 631124
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 32.586 ng/ul
RT: 14.087 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:165 Resp: 129144
Ion Ratio Lower Upper
165 100
89 75.1 59.4 89.0
121 24.0 18.2 27.4

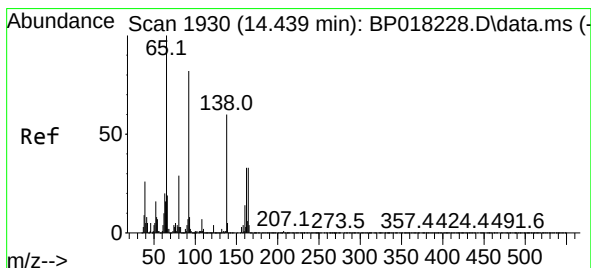
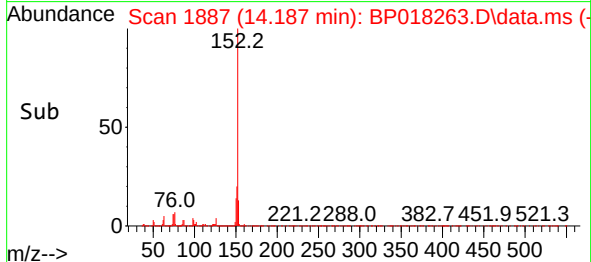
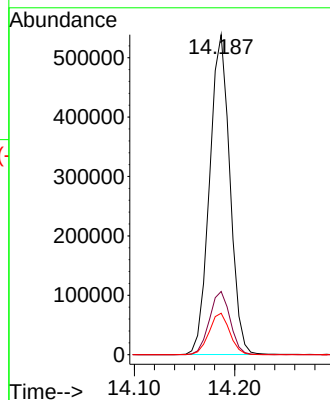
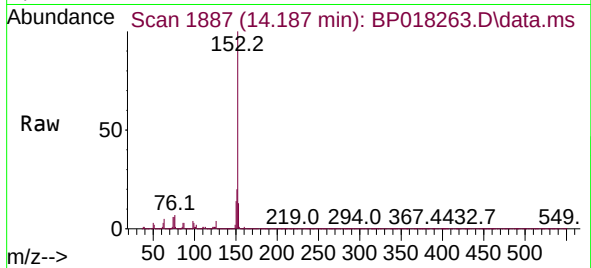




#50
Acenaphthylene
Concen: 30.382 ng/ul
RT: 14.187 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

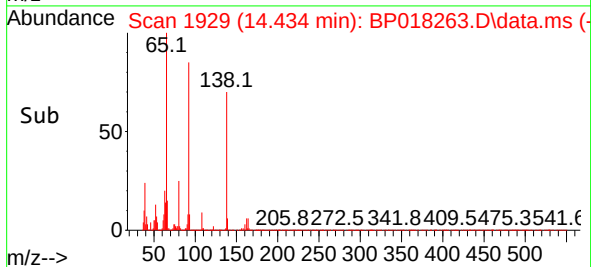
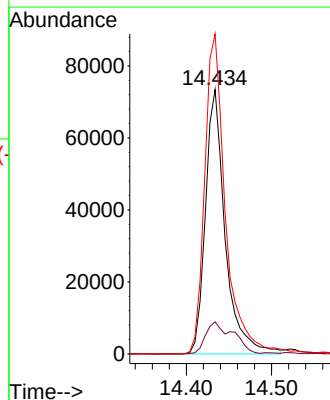
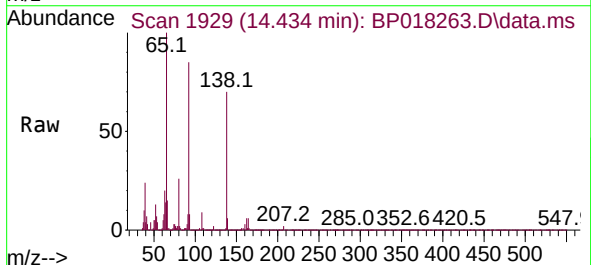
Instrument :
BNA_M
ClientSampleId :

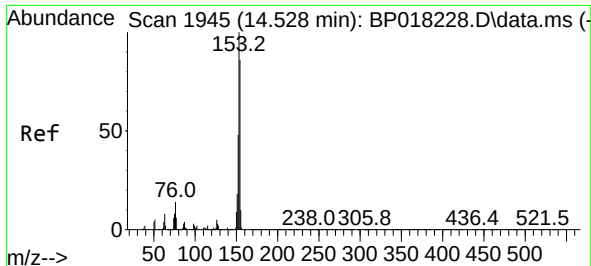
Tgt Ion:152 Resp: 759410
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 12.9 10.4 15.6



#51
3-Nitroaniline
Concen: 32.222 ng/ul
RT: 14.434 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:138 Resp: 118499
Ion Ratio Lower Upper
138 100
108 12.2 8.3 12.5
92 121.0 99.0 148.4

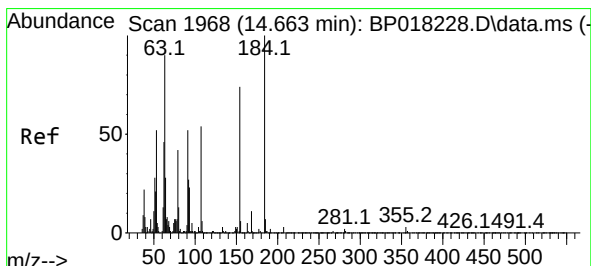
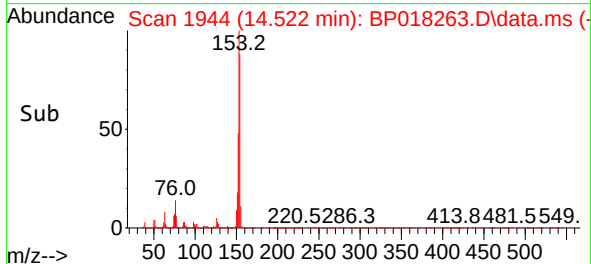
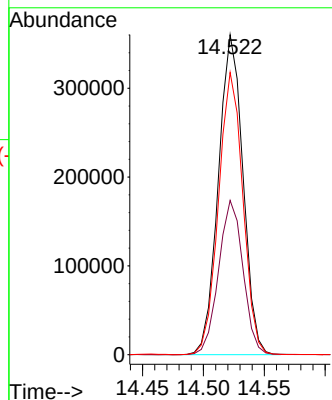
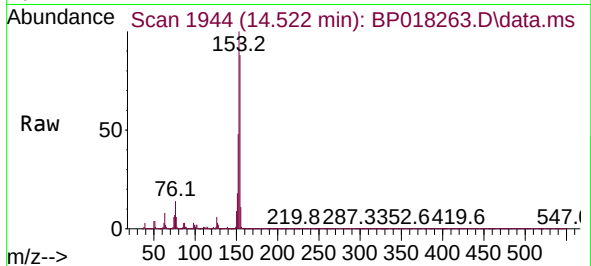




#52
Acenaphthene
Concen: 30.567 ng/ul
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

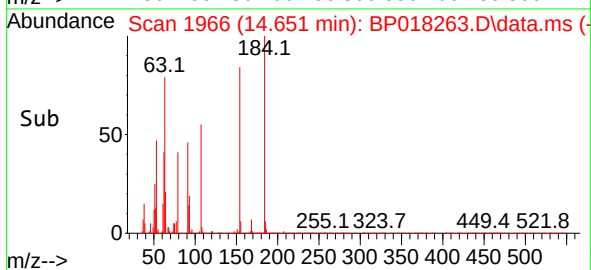
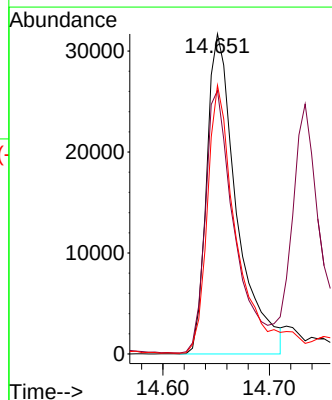
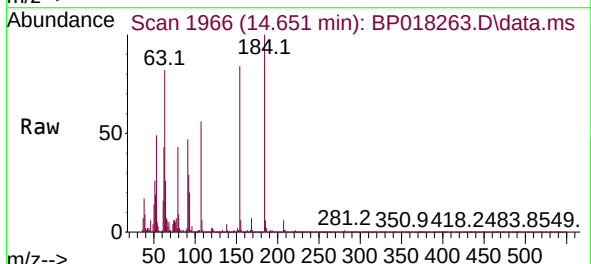
Instrument :
BNA_M
ClientSampleId :

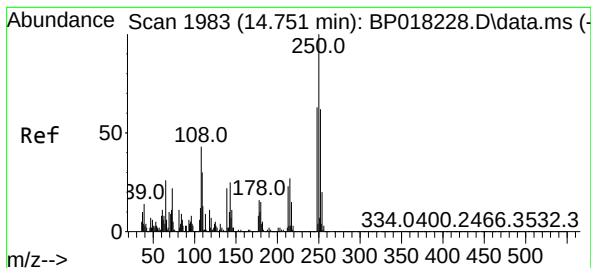
Tgt Ion:153 Resp: 506639
Ion Ratio Lower Upper
153 100
152 48.2 39.0 58.6
154 88.2 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 28.797 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.024 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:184 Resp: 62261
Ion Ratio Lower Upper
184 100
63 82.4 67.7 101.5
154 83.9 60.2 90.4

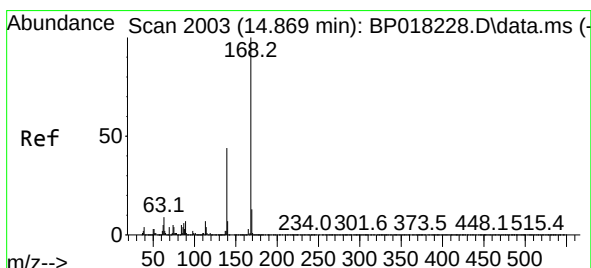
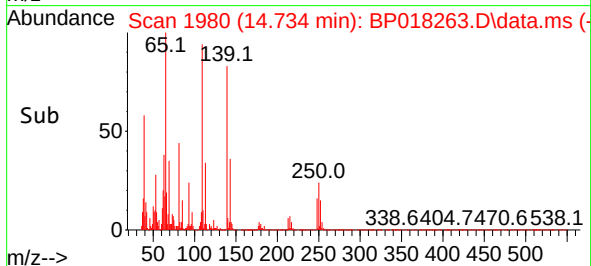
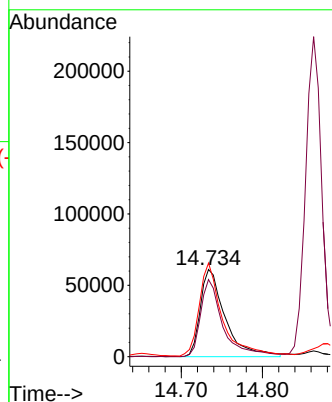
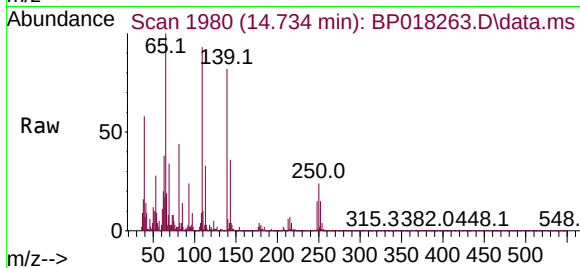




#55
4-Nitrophenol
Concen: 32.047 ng/ul
RT: 14.734 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

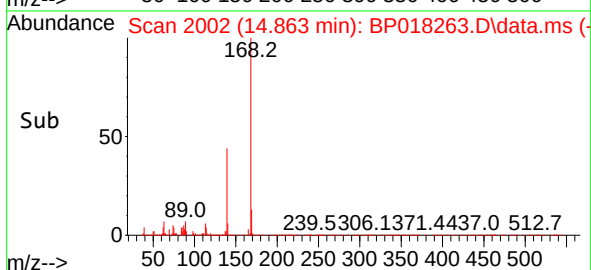
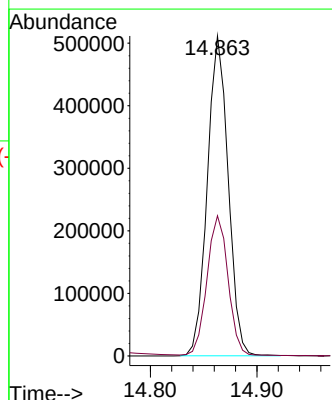
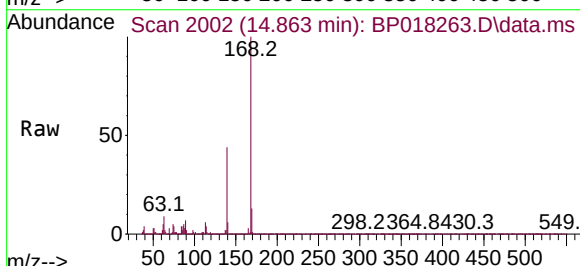
Instrument :
BNA_M
ClientSampleId :

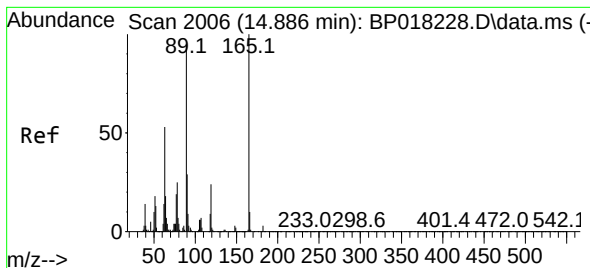
Tgt Ion:109 Resp: 129208
Ion Ratio Lower Upper
109 100
139 88.3 74.9 112.3
65 107.4 93.8 140.6



#56
Dibenzofuran
Concen: 30.573 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:168 Resp: 694410
Ion Ratio Lower Upper
168 100
139 43.8 34.0 51.0

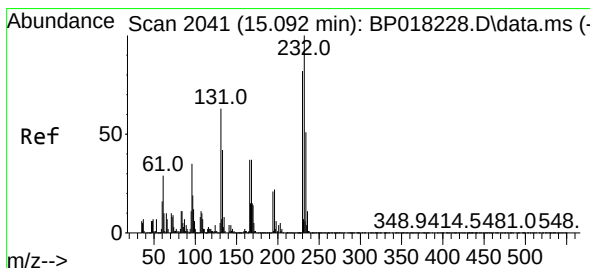
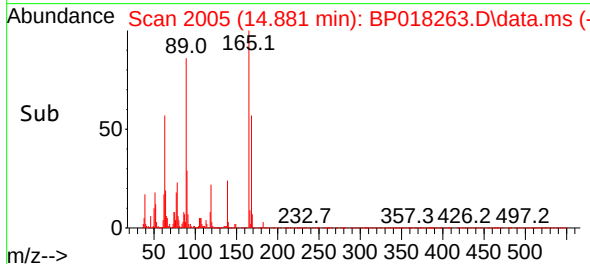
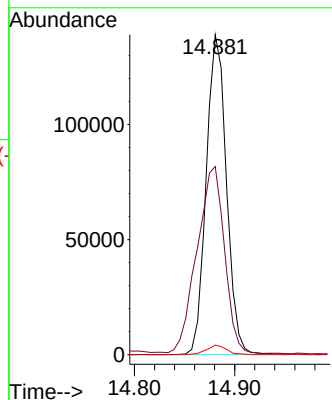
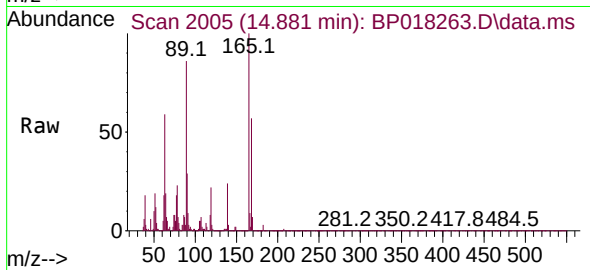




#57
2,4-Dinitrotoluene
Concen: 32.923 ng/ul
RT: 14.881 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

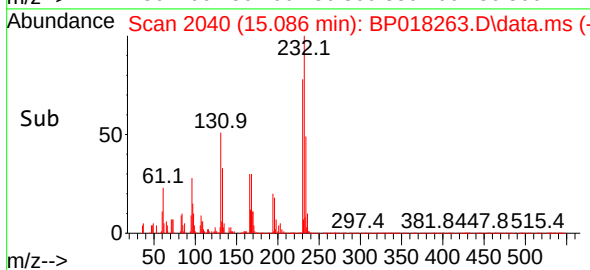
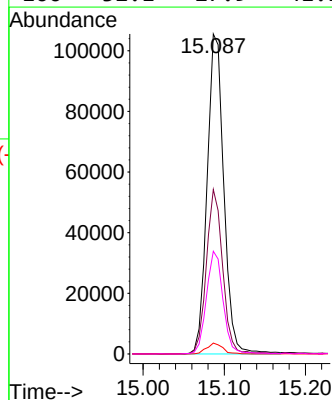
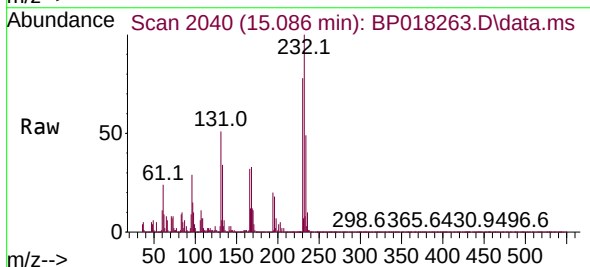
Instrument :
BNA_M
ClientSampleId :

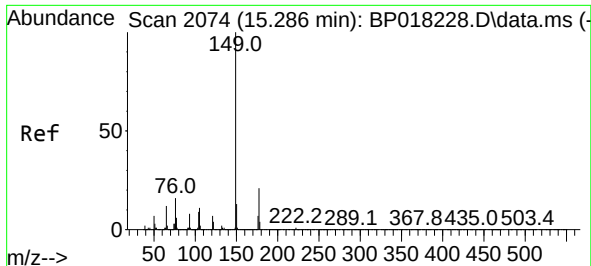
Tgt Ion:165 Resp: 194943
Ion Ratio Lower Upper
165 100
63 58.8 48.6 72.8
182 3.0 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.951 ng/ul
RT: 15.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:232 Resp: 150605
Ion Ratio Lower Upper
232 100
131 51.4 44.1 66.1
130 3.4 2.5 3.7
166 32.1 27.9 41.9

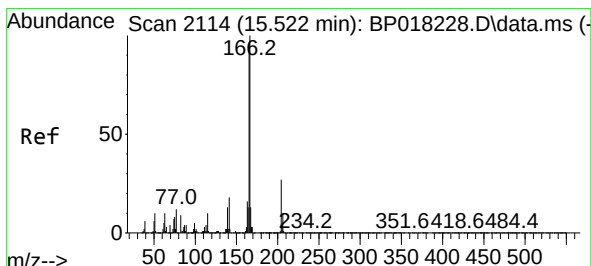
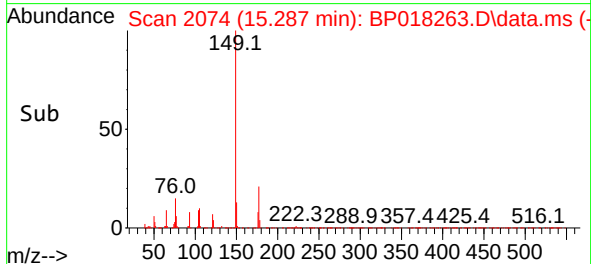
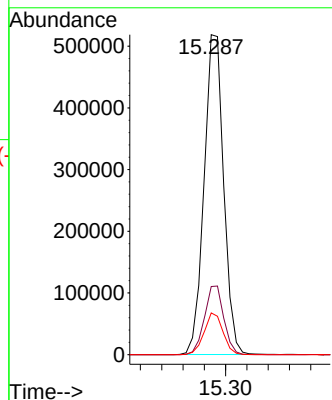
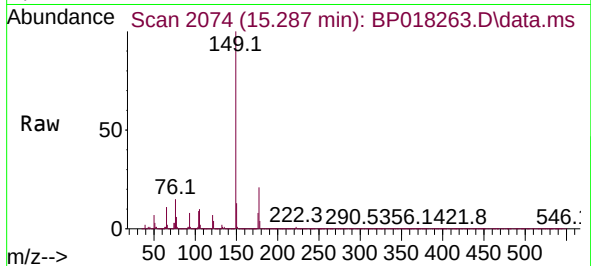




#59
Diethylphthalate
Concen: 31.854 ng/ul
RT: 15.287 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

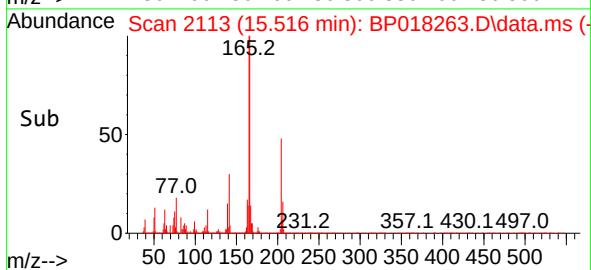
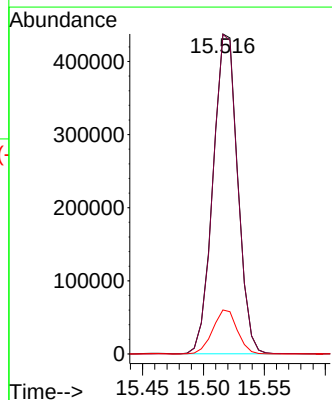
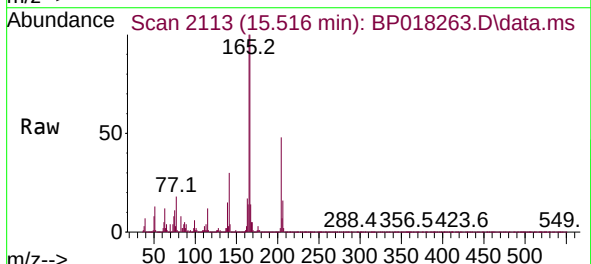
Instrument :
BNA_M
ClientSampleId :

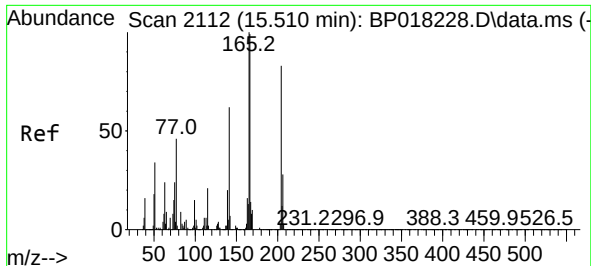
Tgt Ion:149 Resp: 663564
Ion Ratio Lower Upper
149 100
177 21.3 16.3 24.5
150 13.1 10.0 15.0



#61
Fluorene
Concen: 31.958 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:166 Resp: 616261
Ion Ratio Lower Upper
166 100
165 99.8 79.0 118.6
167 13.8 10.6 16.0

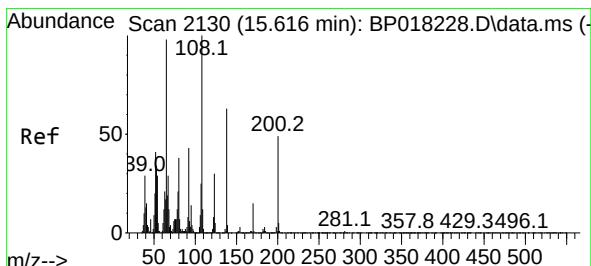
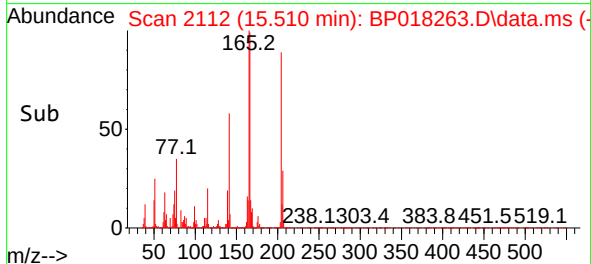
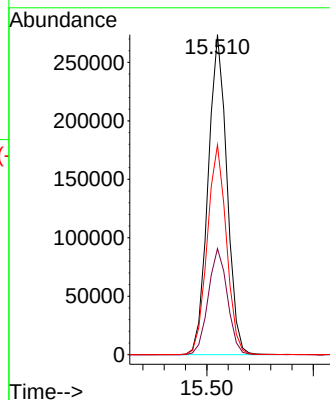
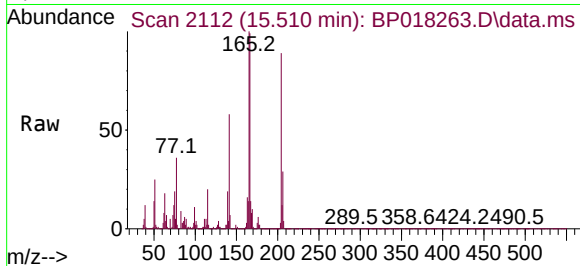




#62
4-Chlorophenyl-phenylether
Concen: 35.679 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

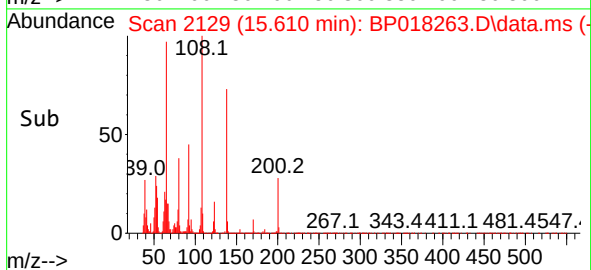
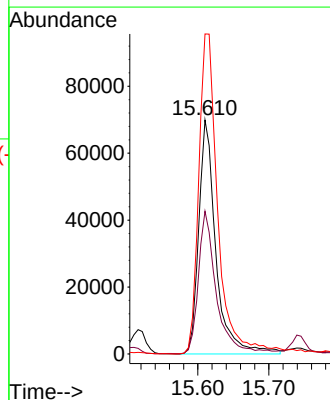
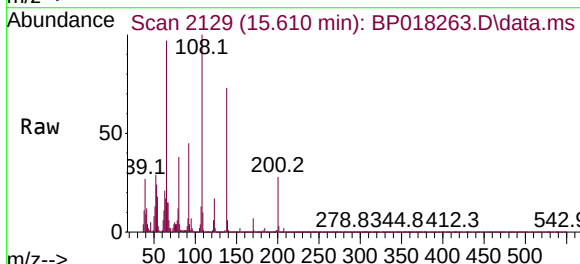
Instrument :
BNA_M
ClientSampleId :

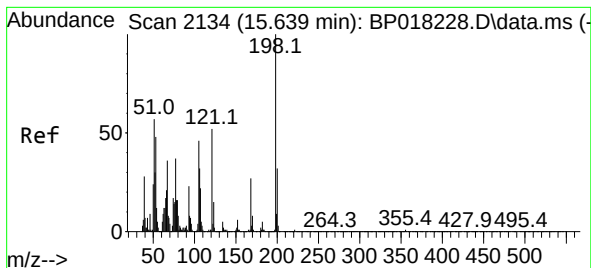
Tgt Ion:204 Resp: 337161
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 65.6 56.0 84.0



#63
4-Nitroaniline
Concen: 34.160 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:138 Resp: 118545
Ion Ratio Lower Upper
138 100
92 61.0 46.6 70.0
108 136.8 104.7 157.1

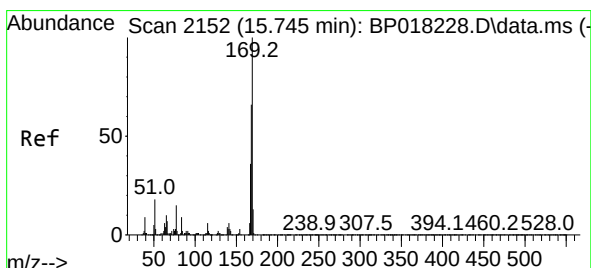
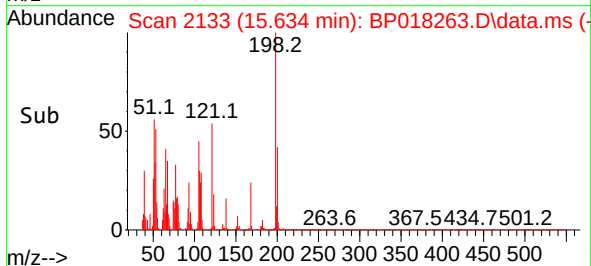
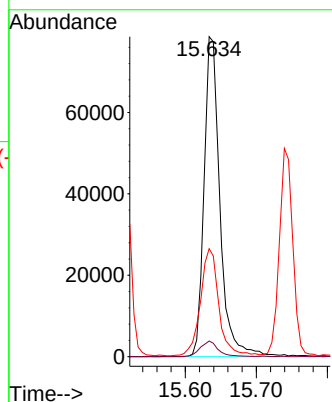
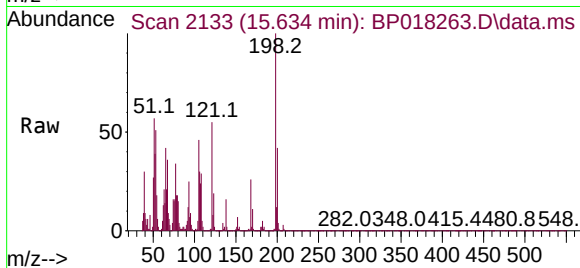




#66
 4,6-Dinitro-2-methylphenol
 Concen: 32.765 ng/ul
 RT: 15.634 min Scan# 2134
 Delta R.T. -0.012 min
 Lab File: BP018263.D
 Acq: 18 Nov 2023 16:04

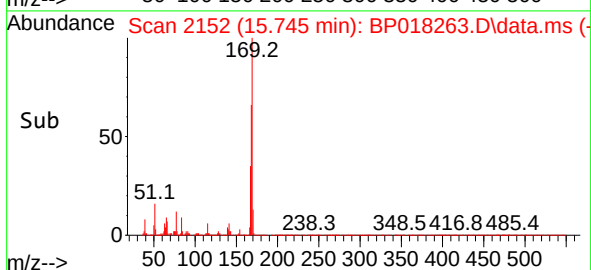
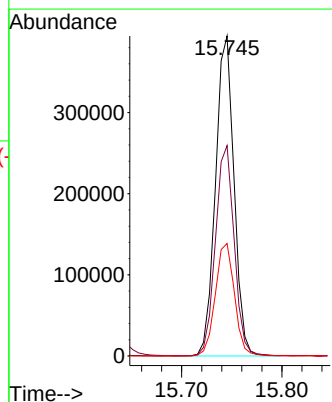
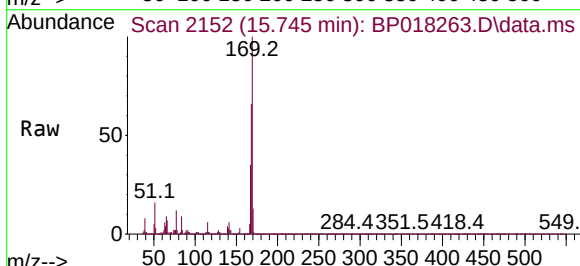
Instrument :
 BNA_M
 ClientSampleId :

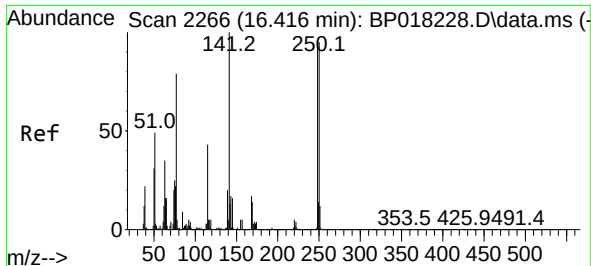
Tgt Ion:198 Resp: 122610
 Ion Ratio Lower Upper
 198 100
 182 4.9 3.8 5.6
 77 33.7 27.2 40.8



#67
 N-Nitrosodiphenylamine
 Concen: 31.588 ng/ul
 RT: 15.745 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BP018263.D
 Acq: 18 Nov 2023 16:04

Tgt Ion:169 Resp: 505348
 Ion Ratio Lower Upper
 169 100
 168 65.8 53.8 80.8
 167 35.2 29.8 44.6

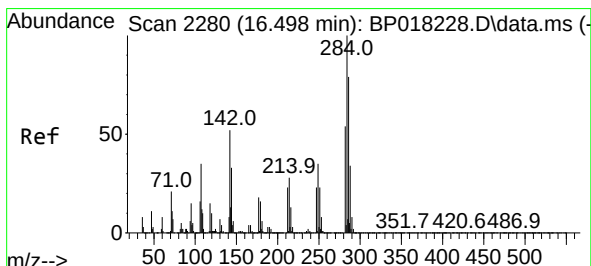
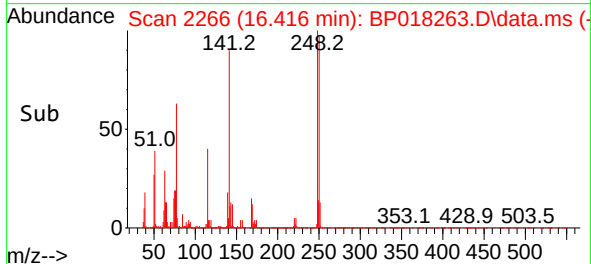
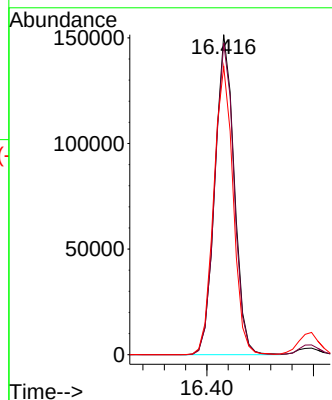
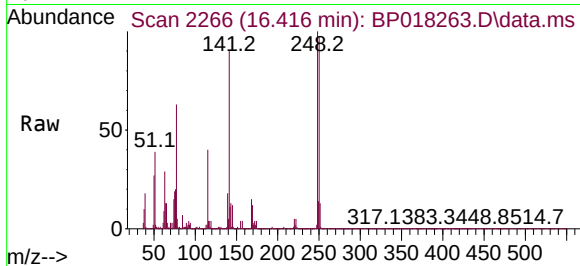




#68
4-Bromophenyl-phenylether
Concen: 33.748 ng/ul
RT: 16.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

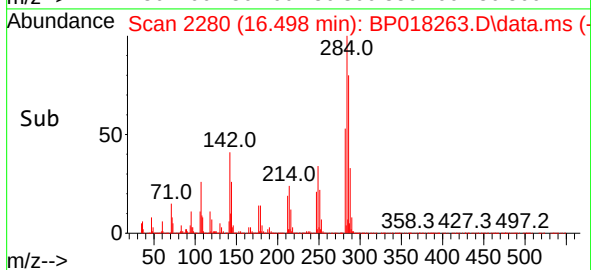
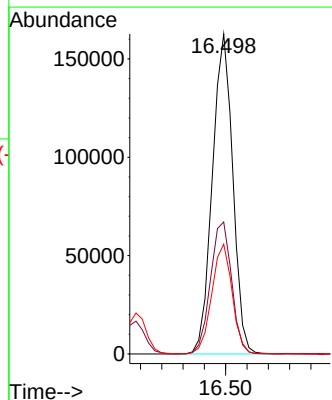
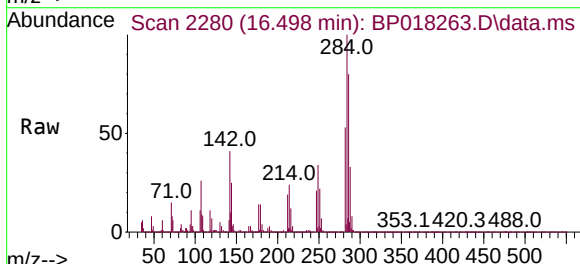
Instrument :
BNA_M
ClientSampleId :

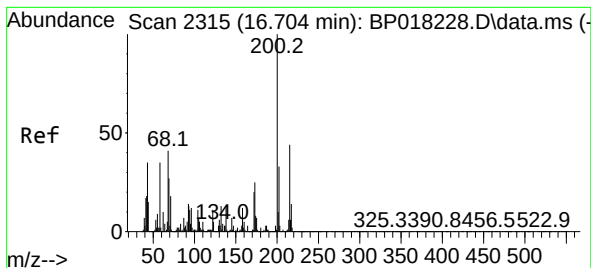
Tgt Ion:248 Resp: 189746
Ion Ratio Lower Upper
248 100
250 97.3 72.7 109.1
141 90.1 70.4 105.6



#69
Hexachlorobenzene
Concen: 34.508 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:284 Resp: 216493
Ion Ratio Lower Upper
284 100
142 41.3 38.9 58.3
249 34.3 28.6 43.0





#70

Atrazine

Concen: 26.523 ng/ul

RT: 16.704 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Instrument :

BNA_M

ClientSampleId :

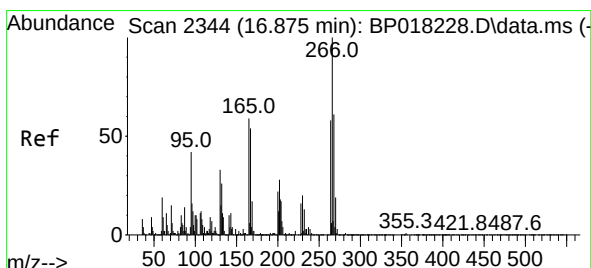
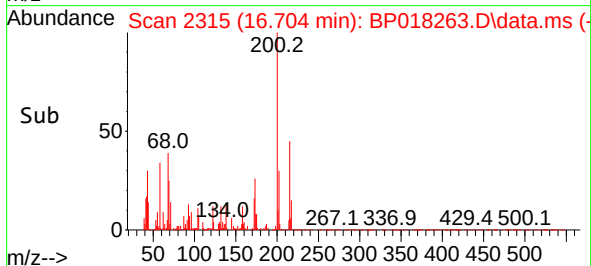
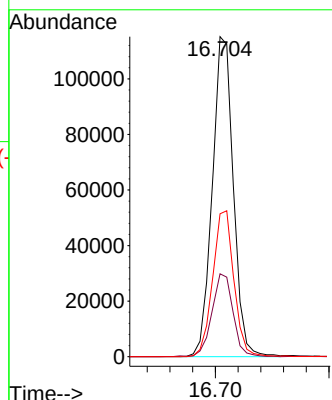
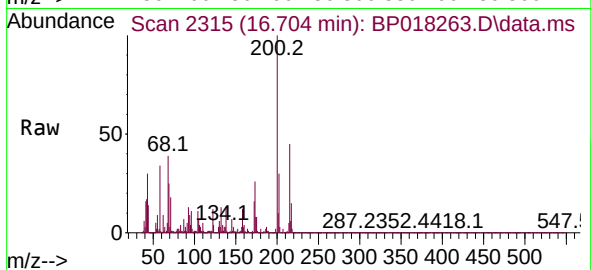
Tgt Ion:200 Resp: 148015

Ion Ratio Lower Upper

200 100

173 25.9 20.2 30.2

215 44.6 37.8 56.8



#71

Pentachlorophenol

Concen: 23.786 ng/ul

RT: 16.875 min Scan# 2344

Delta R.T. -0.006 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

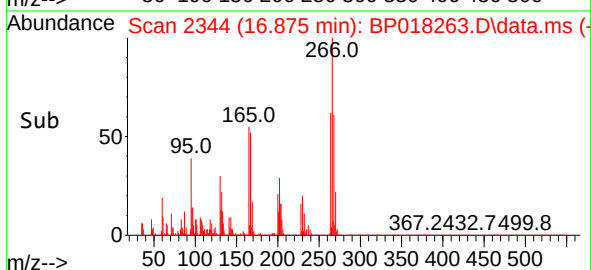
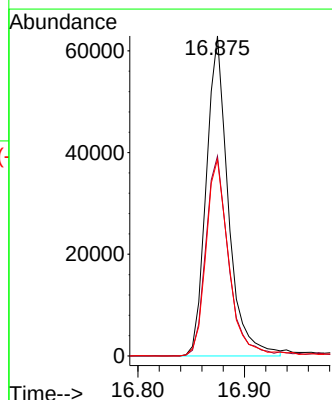
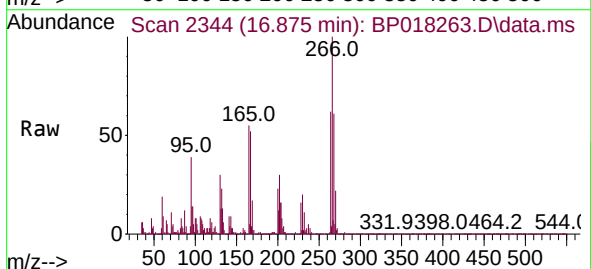
Tgt Ion:266 Resp: 90584

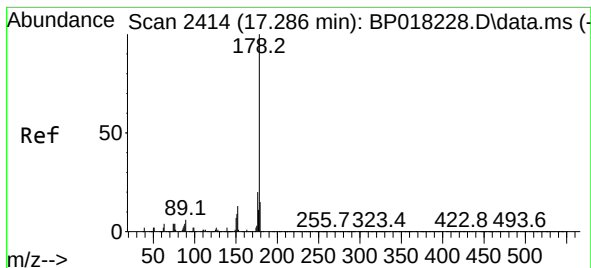
Ion Ratio Lower Upper

266 100

264 62.4 50.7 76.1

268 61.4 52.4 78.6





#72

Phenanthrene

Concen: 32.510 ng/ul

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Instrument :

BNA_M

ClientSampleId :

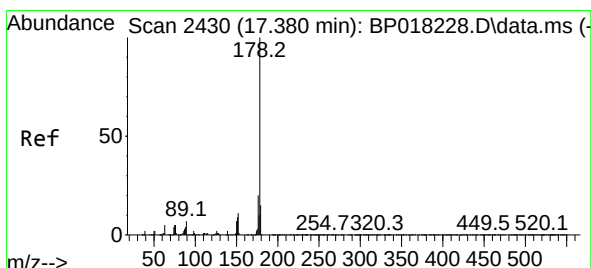
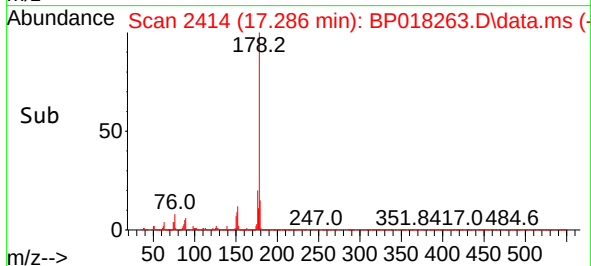
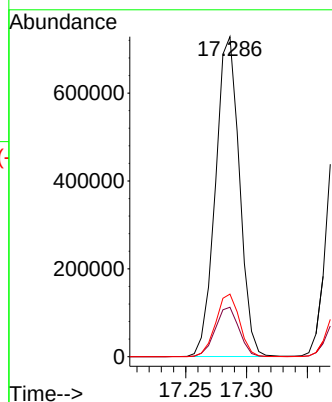
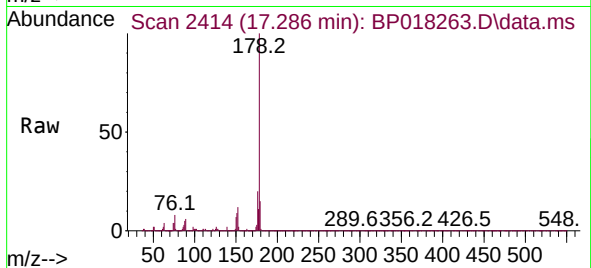
Tgt Ion:178 Resp: 995759

Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 19.5 15.5 23.3



#74

Anthracene

Concen: 31.714 ng/ul

RT: 17.381 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

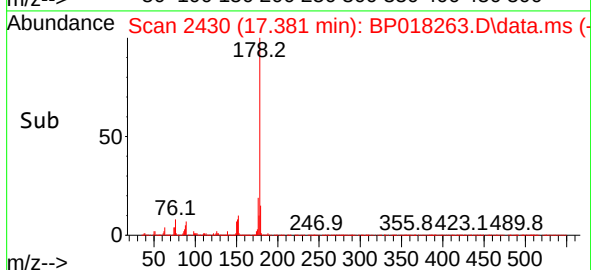
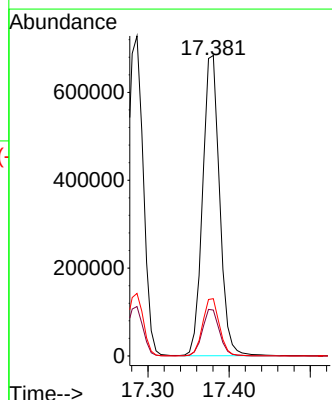
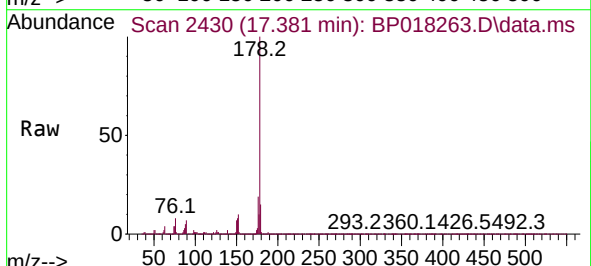
Tgt Ion:178 Resp: 991286

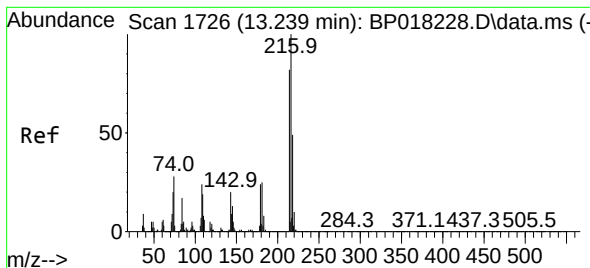
Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 19.0 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 32.655 ng/uL

RT: 13.240 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Instrument :

BNA_M

ClientSampleId :

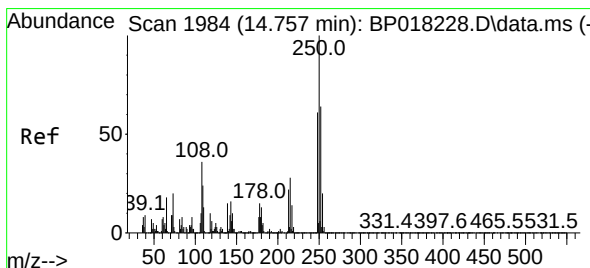
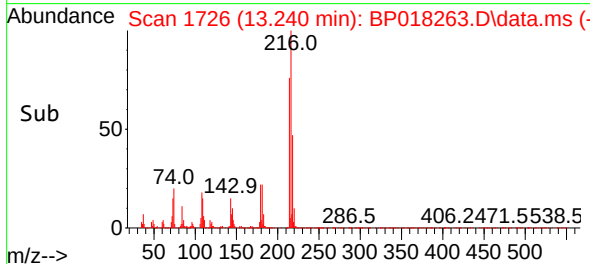
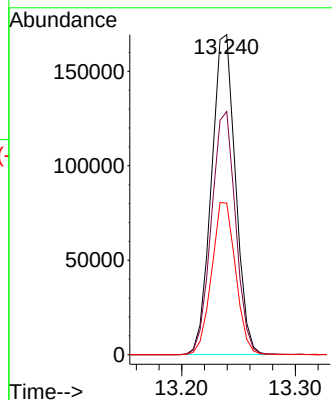
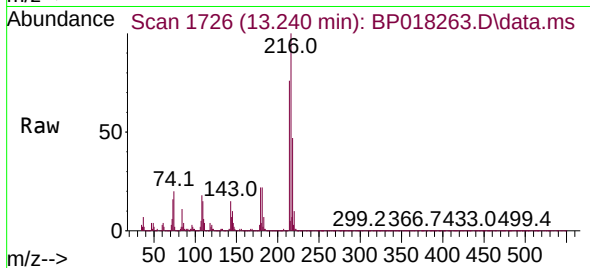
Tgt Ion:216 Resp: 248759

Ion Ratio Lower Upper

216 100

214 76.0 64.0 96.0

218 47.3 39.0 58.4



#76

Pentachlorobenzene

Concen: 34.588 ng/uL

RT: 14.751 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

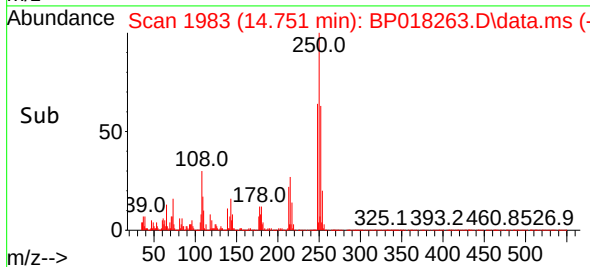
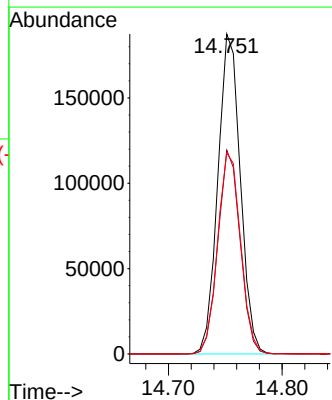
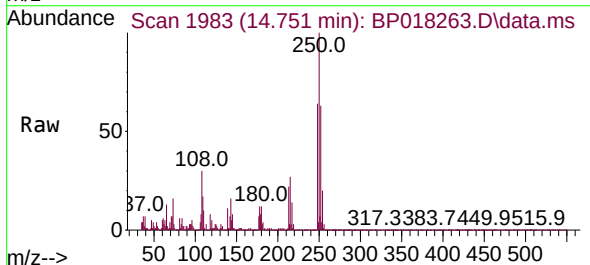
Tgt Ion:250 Resp: 257942

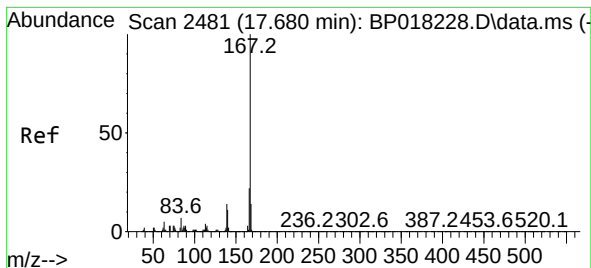
Ion Ratio Lower Upper

250 100

248 63.7 52.7 79.1

252 62.8 52.3 78.5





#77

Carbazole

Concen: 33.574 ng/ul

RT: 17.675 min Scan# 2481

Delta R.T. -0.006 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Instrument :

BNA_M

ClientSampleId :

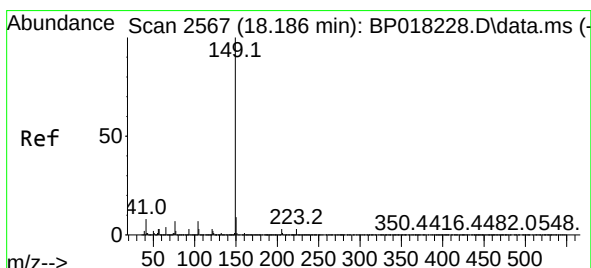
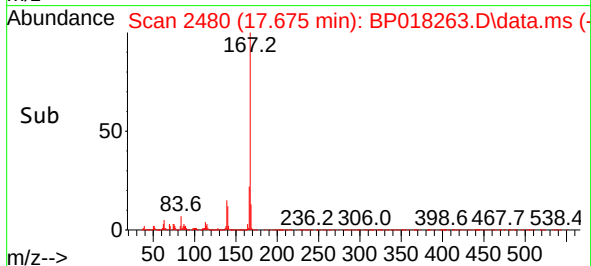
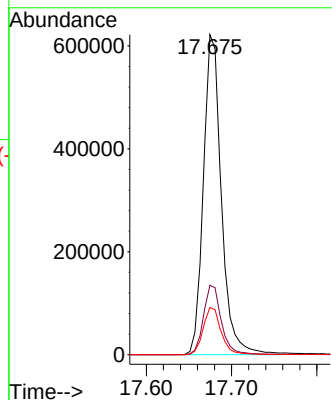
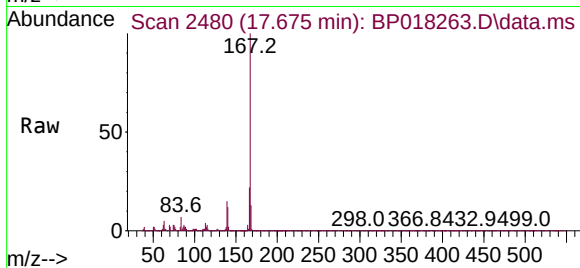
Tgt Ion:167 Resp: 911306

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

139 14.8 11.4 17.0



#78

Di-n-butylphthalate

Concen: 36.128 ng/ul

RT: 18.186 min Scan# 2567

Delta R.T. 0.000 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

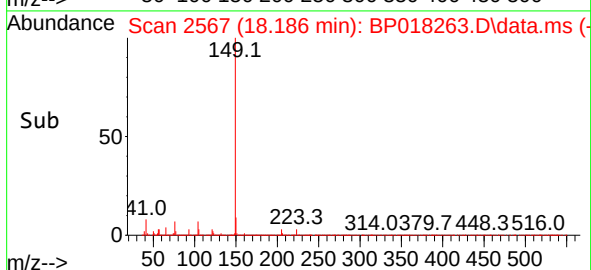
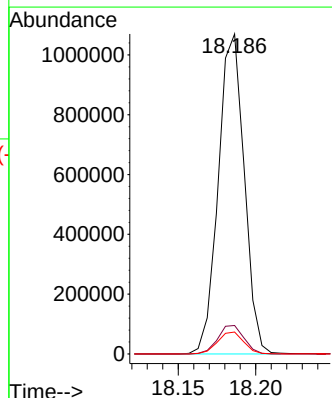
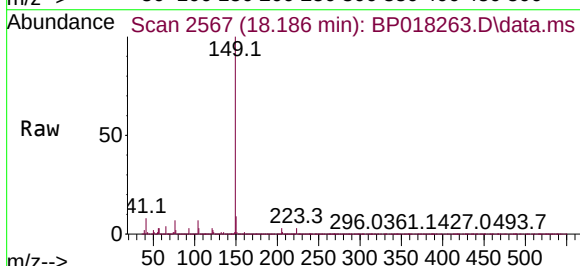
Tgt Ion:149 Resp: 1244249

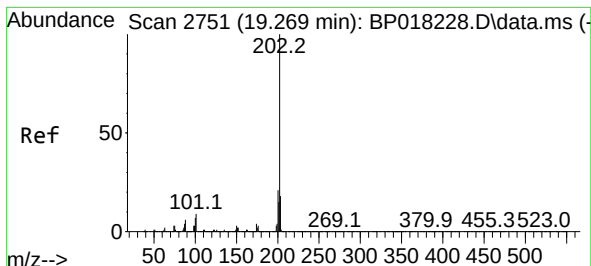
Ion Ratio Lower Upper

149 100

150 8.9 6.7 10.1

104 6.9 5.1 7.7





#80

Fluoranthene

Concen: 32.055 ng/u1

RT: 19.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Instrument :

BNA_M

ClientSampleId :

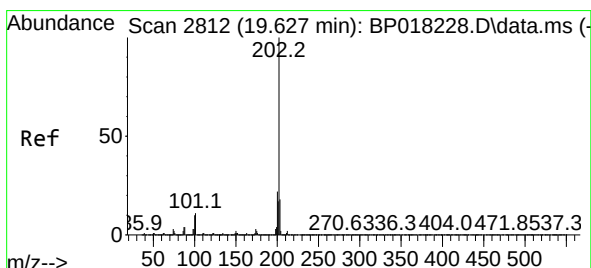
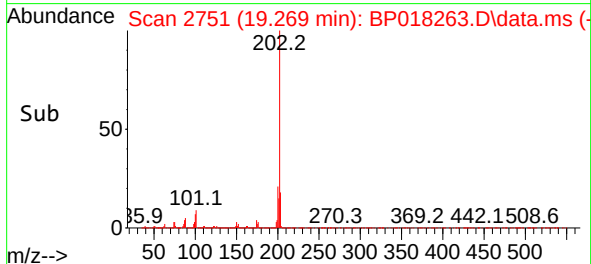
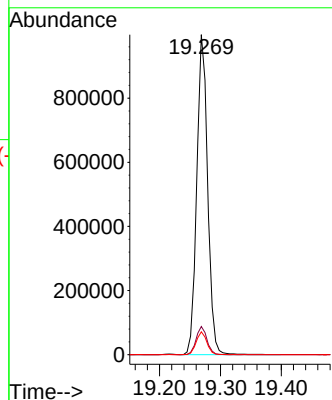
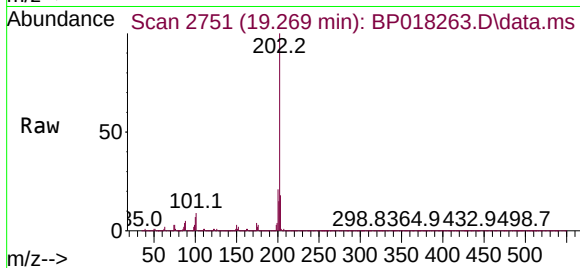
Tgt Ion:202 Resp: 1235287

Ion Ratio Lower Upper

202 100

101 8.8 7.2 10.8

100 7.1 5.8 8.6



#82

Pyrene

Concen: 32.196 ng/u1

RT: 19.633 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

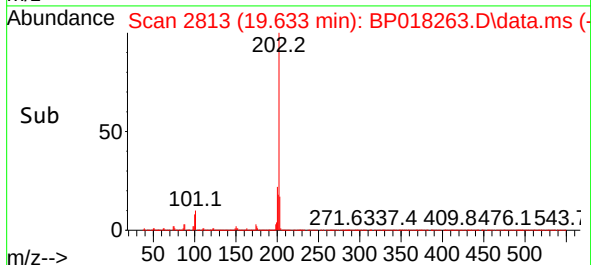
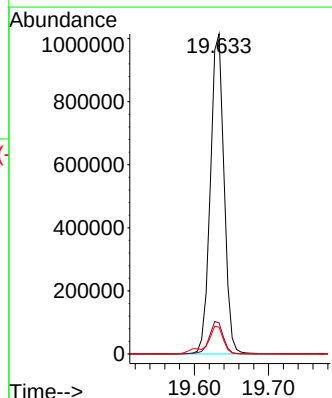
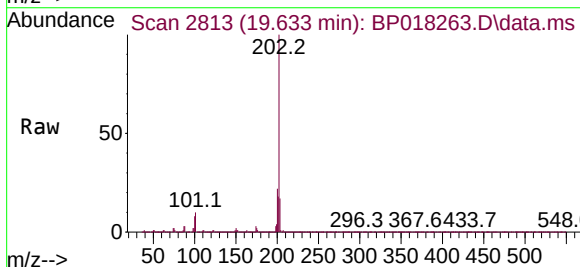
Tgt Ion:202 Resp: 1300135

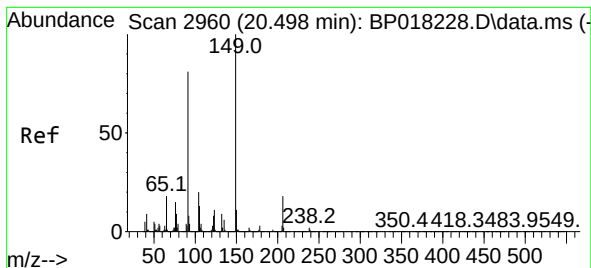
Ion Ratio Lower Upper

202 100

101 9.8 8.3 12.5

100 8.3 7.4 11.2





#83

Butylbenzylphthalate

Concen: 35.412 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Instrument :

BNA_M

ClientSampleId :

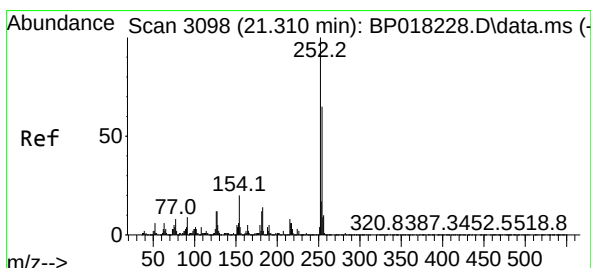
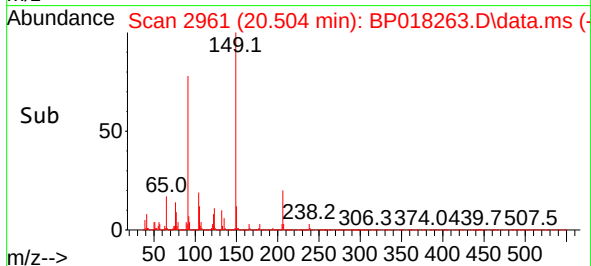
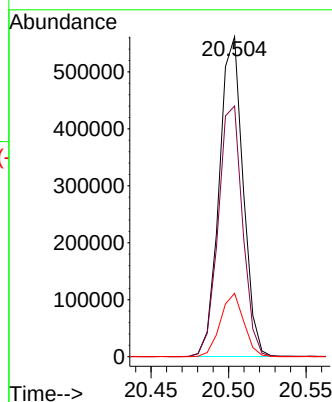
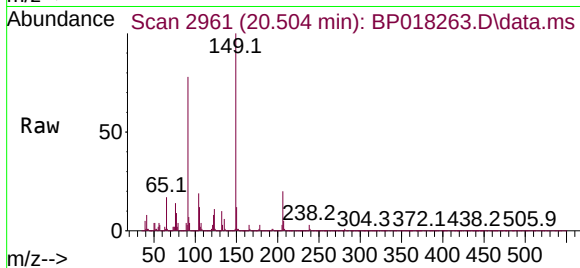
Tgt Ion:149 Resp: 601385

Ion Ratio Lower Upper

149 100

91 78.4 59.6 89.4

206 19.8 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 33.897 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

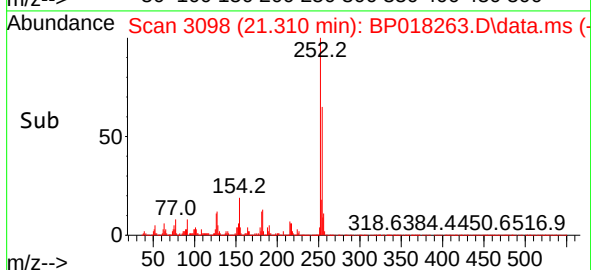
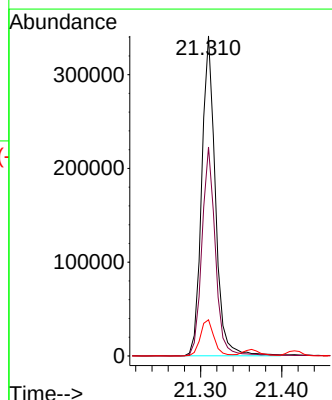
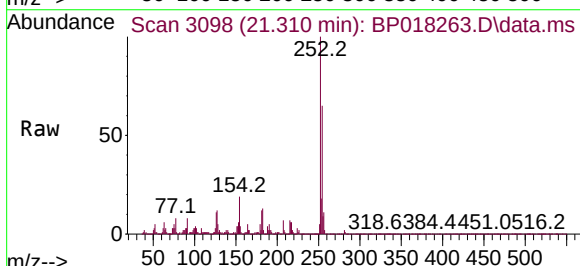
Tgt Ion:252 Resp: 400074

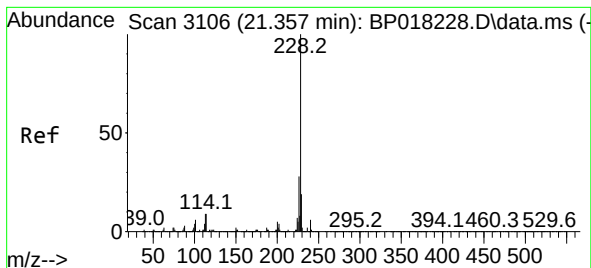
Ion Ratio Lower Upper

252 100

254 65.3 48.9 73.3

126 11.3 9.4 14.0





#85

Benzo(a)anthracene

Concen: 33.180 ng/ul

RT: 21.363 min Scan# 3107

Delta R.T. 0.006 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Instrument :

BNA_M

ClientSampleId :

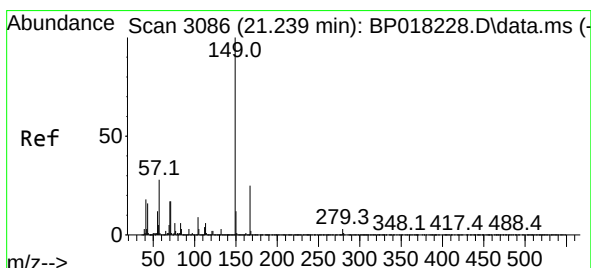
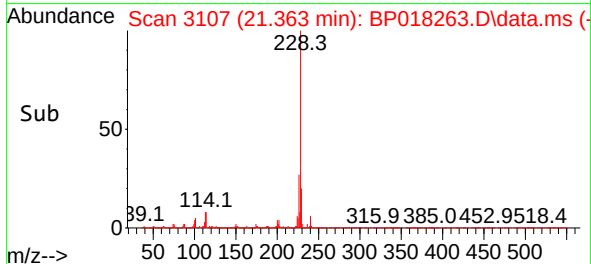
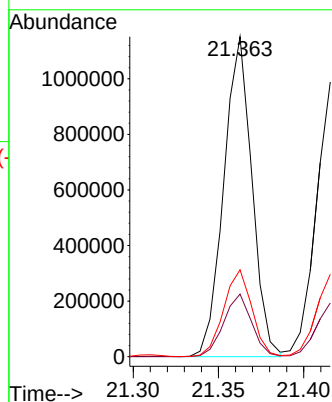
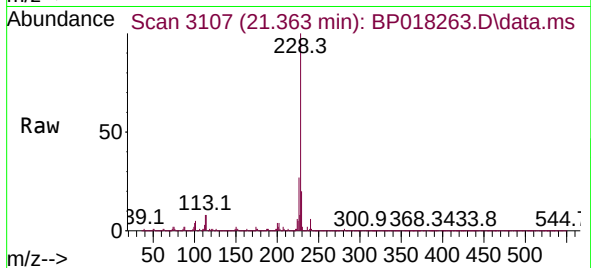
Tgt Ion:228 Resp: 1323547

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.0

226 27.2 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.898 ng/ul

RT: 21.245 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

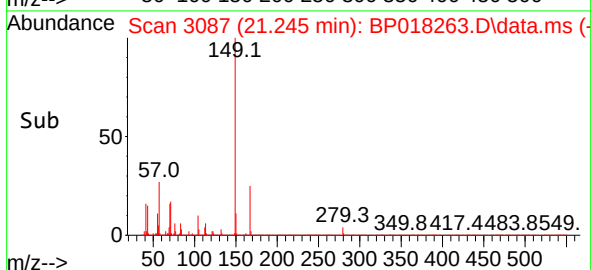
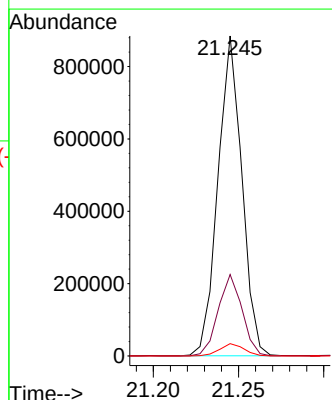
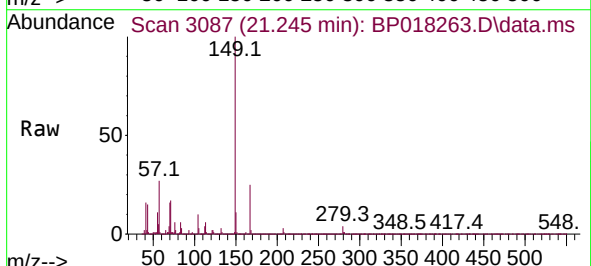
Tgt Ion:149 Resp: 863923

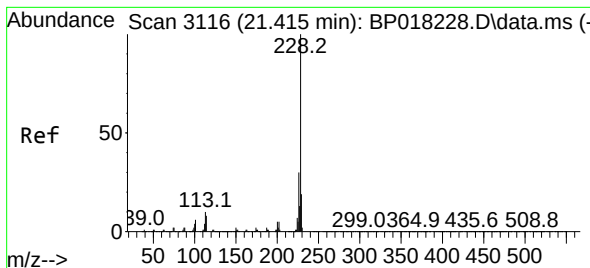
Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.4

279 3.9 3.2 4.8





#87

Chrysene

Concen: 32.487 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Instrument :

BNA_M

ClientSampleId :

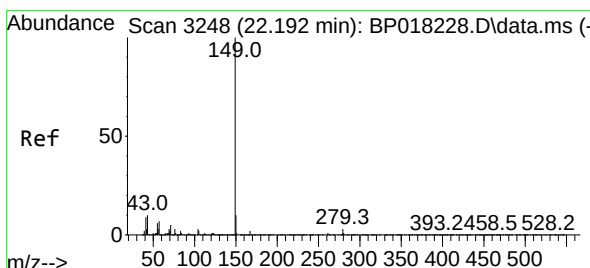
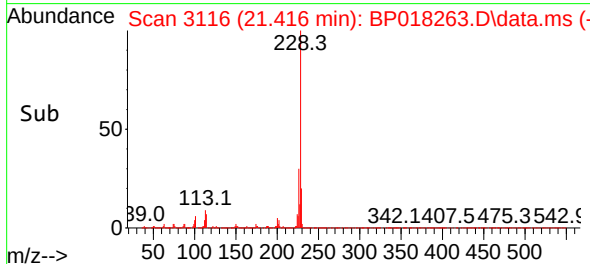
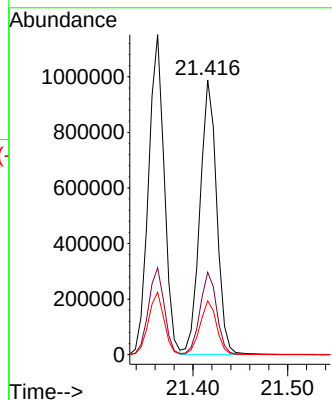
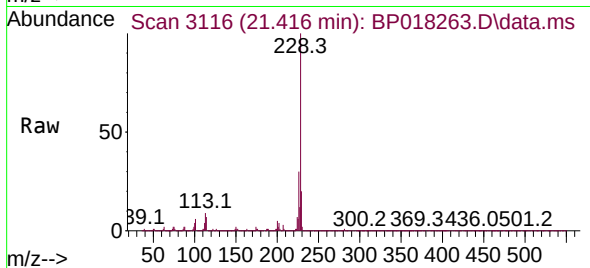
Tgt Ion:228 Resp: 1212368

Ion Ratio Lower Upper

228 100

226 30.0 23.1 34.7

229 19.6 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 38.508 ng/ul

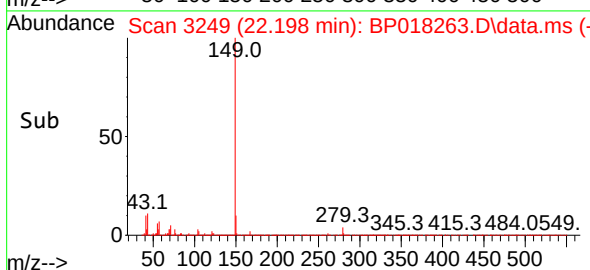
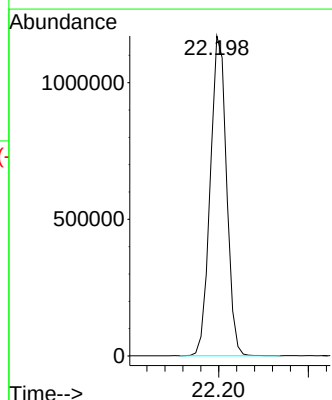
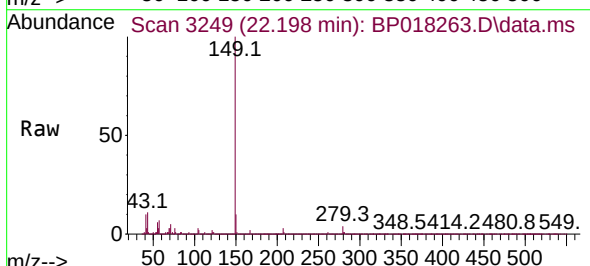
RT: 22.198 min Scan# 3249

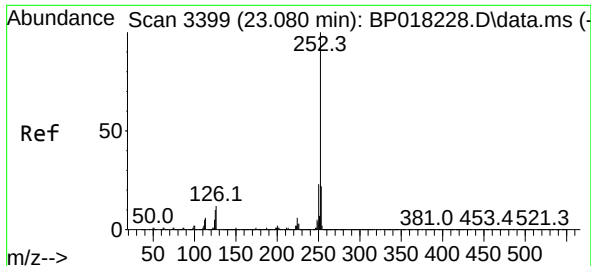
Delta R.T. 0.006 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Tgt Ion:149 Resp: 1473142

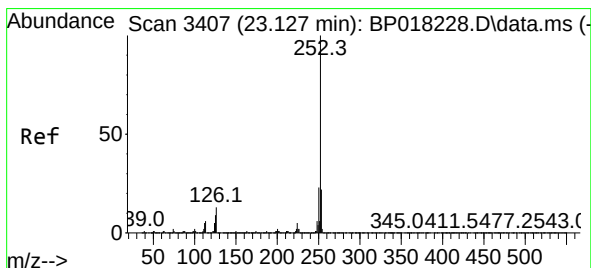
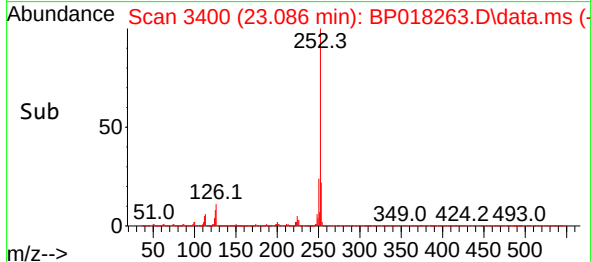
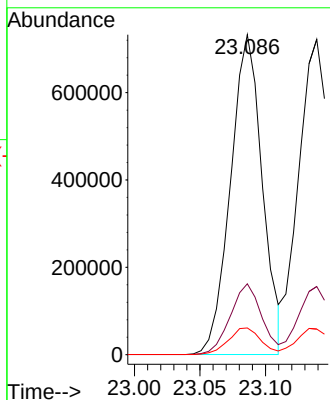
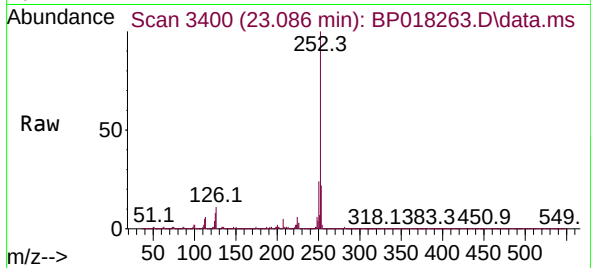




#90
Benzo(b)fluoranthene
Concen: 33.942 ng/ul
RT: 23.086 min Scan# 3400
Delta R.T. 0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

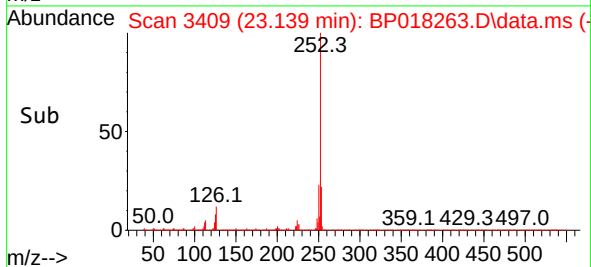
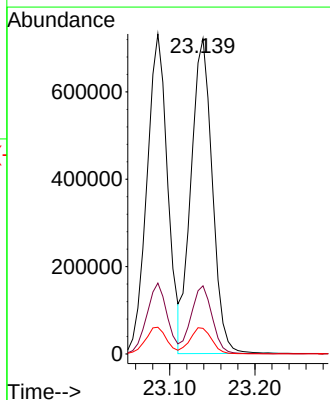
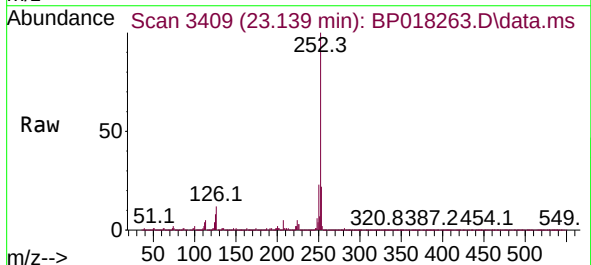
Instrument :
BNA_M
ClientSampleId :

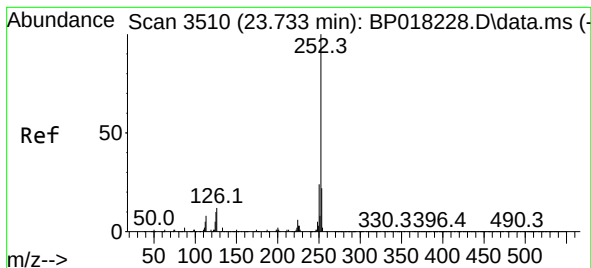
Tgt Ion:252 Resp: 1235617
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 8.4 7.0 10.6



#91
Benzo(k)fluoranthene
Concen: 34.057 ng/ul
RT: 23.139 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BP018263.D
Acq: 18 Nov 2023 16:04

Tgt Ion:252 Resp: 1247378
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.1 6.8 10.2





#93

Benzo(a)pyrene

Concen: 33.847 ng/ul

RT: 23.745 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Instrument :

BNA_M

ClientSampleId :

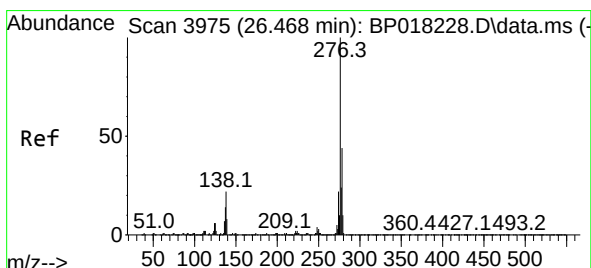
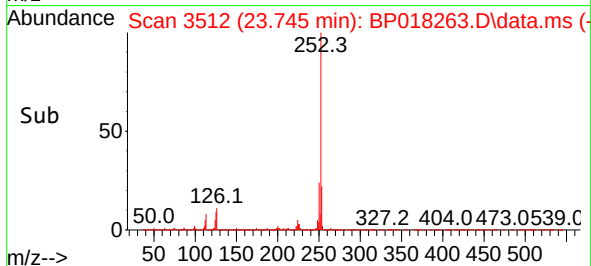
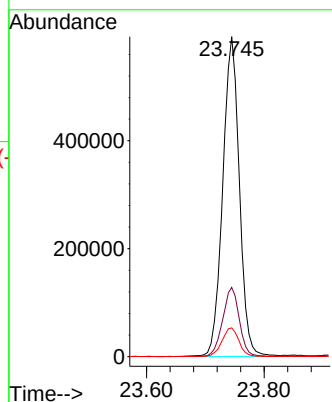
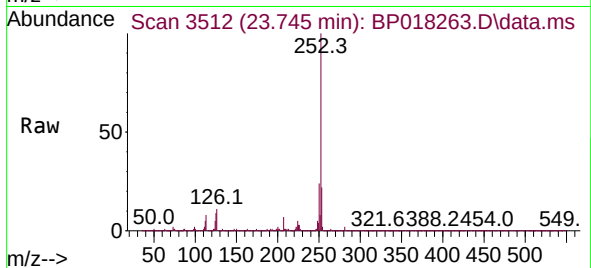
Tgt Ion:252 Resp: 1163617

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.0 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.093 ng/ul

RT: 26.492 min Scan# 3979

Delta R.T. 0.029 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

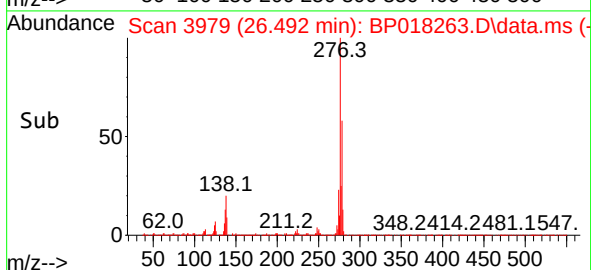
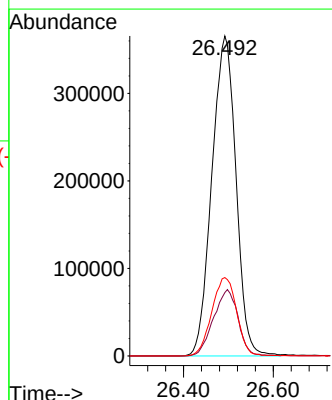
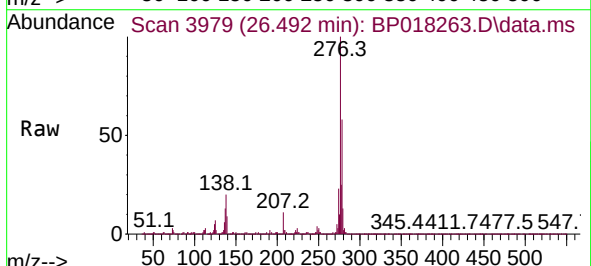
Tgt Ion:276 Resp: 1364540

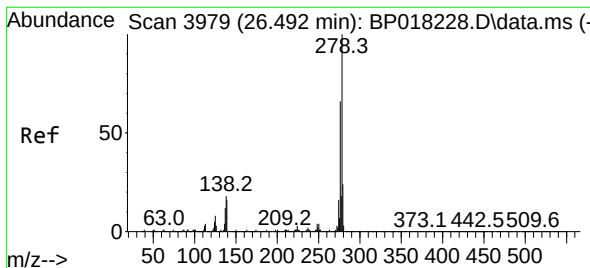
Ion Ratio Lower Upper

276 100

138 19.8 15.6 23.4

277 24.5 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 33.583 ng/ul

RT: 26.515 min Scan# 3983

Delta R.T. 0.024 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Instrument :

BNA_M

ClientSampleId :

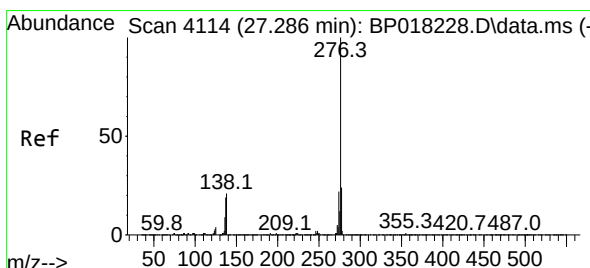
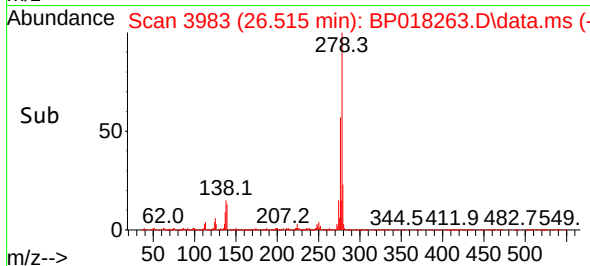
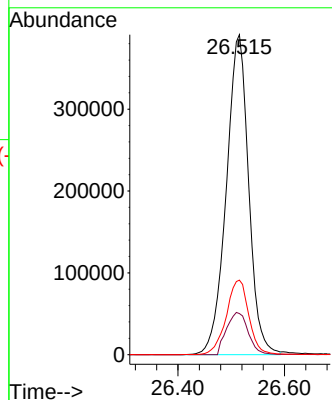
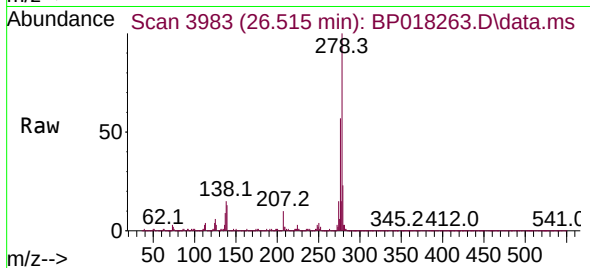
Tgt Ion:278 Resp: 1140186

Ion Ratio Lower Upper

278 100

139 12.8 11.1 16.7

279 23.3 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 32.870 ng/ul

RT: 27.309 min Scan# 4118

Delta R.T. 0.029 min

Lab File: BP018263.D

Acq: 18 Nov 2023 16:04

Tgt Ion:276 Resp: 1084035

Ion Ratio Lower Upper

276 100

138 18.6 13.8 20.6

277 23.4 20.2 30.2

