

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016296.D
 Acq On : 18 Jul 2023 15:55
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 23:28:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	220173	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.763	136	1037669	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.598	164	627730	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.363	188	1633586	20.000	ng/ul	-0.01
79) Chrysene-d12	21.463	240	1595350	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	1665658	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	55487	8.918	ng/uL	0.00
4) Pyridine-d5	3.728	84	364928	23.517	ng/ul	-0.01
7) Phenol-d5	7.134	99	470792	23.673	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.275	67	317596	23.617	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.475	132	364398	25.383	ng/ul	-0.02
15) 4-Methylphenol-d8	8.687	113	324668	20.266	ng/ul	-0.02
21) Nitrobenzene-d5	9.140	128	187050	26.129	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.863	143	209139	25.632	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.422	165	332238	23.514	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.940	131	434530	19.187	ng/ul	-0.02
46) Dimethylphthalate-d6	14.016	166	1070718	22.361	ng/ul	-0.01
49) Acenaphthylene-d8	14.298	160	1067857	20.349	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	81564	8.346	ng/ul	-0.05
60) Fluorene-d10	15.598	176	979686	24.447	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.781	200	153375	16.264	ng/ul	-0.01
73) Anthracene-d10	17.469	188	1543212	21.597	ng/ul	-0.01
81) Pyrene-d10	19.704	212	1867135	22.555	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.786	264	1737732	21.724	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	62522	9.161	ng/uL	94
5) Pyridine	3.746	79	386551	24.320	ng/ul	98
6) Benzaldehyde	7.105	77	317822	25.594	ng/ul	96
8) Phenol	7.158	94	509209	23.886	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.369	93	411468	23.733	ng/ul	98
12) 2-Chlorophenol	7.510	128	376346	25.266	ng/ul	97
13) 2-Methylphenol	8.416	108	340070	21.194	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	563457	20.026	ng/ul	99
16) Acetophenone	8.799	105	613823	23.235	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.763	70	339419	23.965	ng/ul	98
18) 4-Methylphenol	8.757	108	409229	23.323	ng/ul	98
19) Hexachloroethane	9.010	117	161893	23.841	ng/ul	100
22) Nitrobenzene	9.181	77	507636	24.406	ng/ul	99
23) Isophorone	9.699	82	974834	23.644	ng/ul	99
25) 2-Nitrophenol	9.899	139	221979	25.321	ng/ul	97
26) 2,4-Dimethylphenol	9.957	107	466662	24.207	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	583509	24.306	ng/ul	99
29) 2,4-Dichlorophenol	10.446	162	326450	22.470	ng/ul	99
30) Naphthalene	10.810	128	1158408	21.272	ng/ul	98
32) 4-Chloroaniline	10.963	127	434224	19.278	ng/ul	99
33) Hexachlorobutadiene	11.069	225	213414	21.628	ng/ul	99
34) Caprolactam	11.775	113	97109	18.463	ng/ul	85
35) 4-Chloro-3-methylphenol	12.104	107	435626	24.298	ng/ul	97
36) 2-Methylnaphthalene	12.434	142	866875	23.742	ng/ul	100

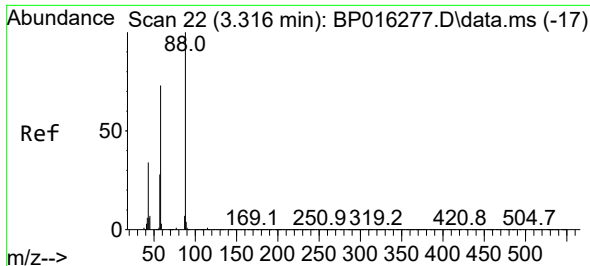
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	881814	23.483	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	457835	25.608	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	160650	22.889	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	302953	26.821	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	325709	27.123	ng/ul	98
43) 1,1'-Biphenyl	13.434	154	1145539	25.017	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	920326	25.582	ng/ul	100
45) 2-Nitroaniline	13.728	65	305911	26.092	ng/ul	96
47) Dimethylphthalate	14.063	163	1060848	21.935	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	188122	20.633	ng/ul	97
50) Acenaphthylene	14.328	152	1209924	20.075	ng/ul	100
51) 3-Nitroaniline	14.569	138	199111	21.505	ng/ul	96
52) Acenaphthene	14.663	153	843818	20.700	ng/ul	100
53) 2,4-Dinitrophenol	14.810	184	130632	20.470	ng/ul	95
55) 4-Nitrophenol	14.910	109	68729	9.242	ng/ul	97
56) Dibenzofuran	15.010	168	1239528	22.324	ng/ul	98
57) 2,4-Dinitrotoluene	15.028	165	317816	23.630	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.251	232	277989	25.507	ng/ul	99
59) Diethylphthalate	15.422	149	1180595	23.474	ng/ul	100
61) Fluorene	15.657	166	1126782	24.292	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	546041	24.340	ng/ul	99
63) 4-Nitroaniline	15.739	138	209046	24.584	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.798	198	167924	17.037	ng/ul	98
67) N-Nitrosodiphenylamine	15.869	169	948277	21.900	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	341054	21.969	ng/ul	99
69) Hexachlorobenzene	16.663	284	401234	21.461	ng/ul	99
70) Atrazine	16.828	200	353882	20.610	ng/ul	98
71) Pentachlorophenol	17.034	266	203149	21.669	ng/ul	99
72) Phenanthrene	17.410	178	1813558	21.307	ng/ul	100
74) Anthracene	17.510	178	1858180	21.726	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	489731	22.836	ng/ul	99
76) Pentachlorobenzene	14.928	250	407767	20.144	ng/ul	98
77) Carbazole	17.798	167	1666721	21.373	ng/ul	99
78) Di-n-butylphthalate	18.304	149	2091147	21.407	ng/ul	99
80) Fluoranthene	19.380	202	2193604	22.660	ng/ul	99
82) Pyrene	19.739	202	2292673	22.183	ng/ul	98
83) Butylbenzylphthalate	20.580	149	1016812	22.812	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.380	252	661862	17.756	ng/ul	97
85) Benzo(a)anthracene	21.445	228	2267735	21.829	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.327	149	1508773	22.659	ng/ul	99
87) Chrysene	21.504	228	2177707	20.692	ng/ul	100
89) Di-n-octyl phthalate	22.263	149	2475714	23.729	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	1933918	20.326	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	2040819	21.078	ng/ul	99
93) Benzo(a)pyrene	23.839	252	1995220	21.169	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.580	276	2152287	18.441	ng/ul	99
95) Dibenzo(a,h)anthracene	26.580	278	1794096	18.845	ng/ul	100
96) Benzo(g,h,i)perylene	27.404	276	1522041	16.338	ng/ul	99

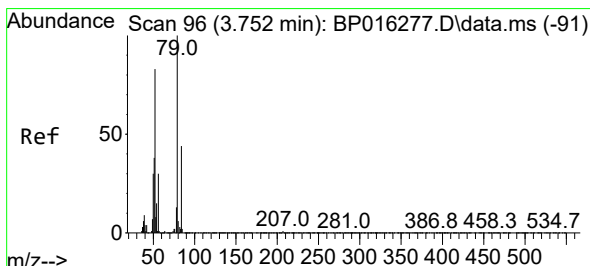
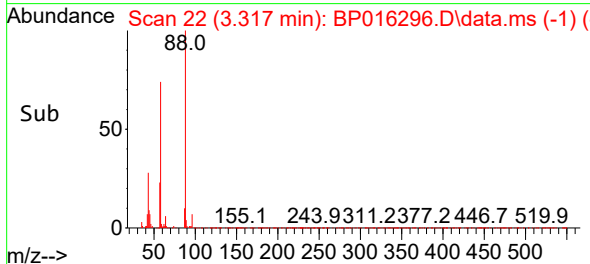
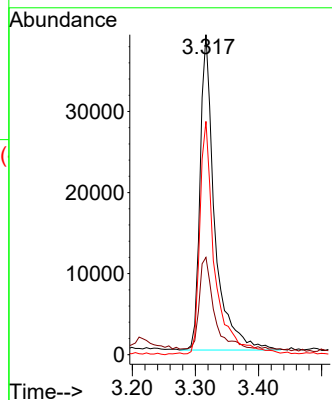
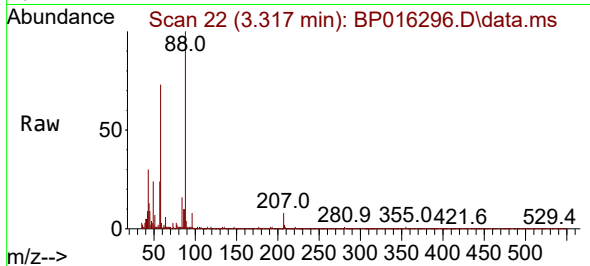
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#2
 1,4-Dioxane
 Concen: 9.161 ng/uL
 RT: 3.317 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP016296.D
 Acq: 18 Jul 2023 15:55

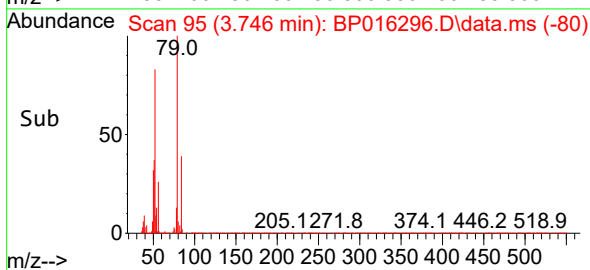
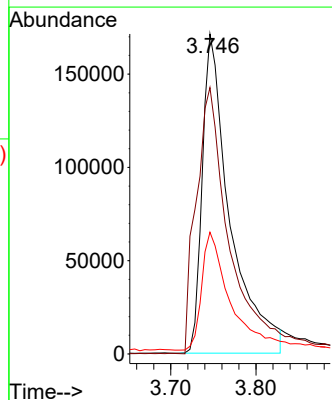
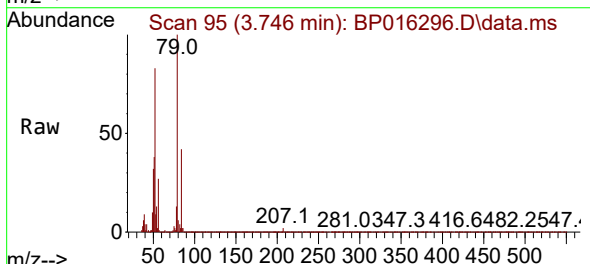
Instrument :
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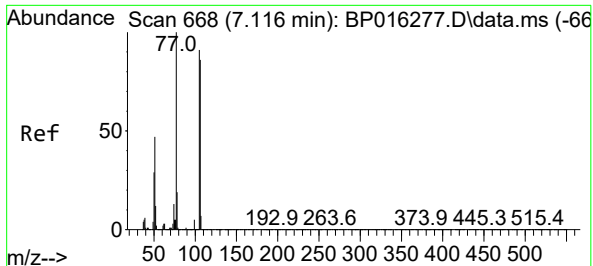
Tgt Ion: 88 Resp: 62522
 Ion Ratio Lower Upper
 88 100
 43 30.4 22.3 33.5
 58 72.9 63.1 94.7



#5
 Pyridine
 Concen: 24.320 ng/uL
 RT: 3.746 min Scan# 95
 Delta R.T. -0.012 min
 Lab File: BP016296.D
 Acq: 18 Jul 2023 15:55

Tgt Ion: 79 Resp: 386551
 Ion Ratio Lower Upper
 79 100
 52 83.2 67.7 101.5
 51 38.1 31.7 47.5

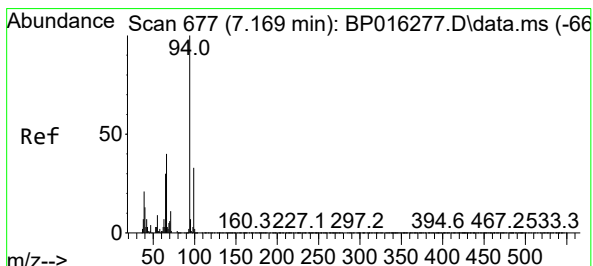
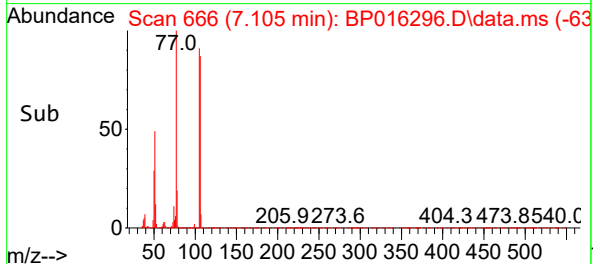
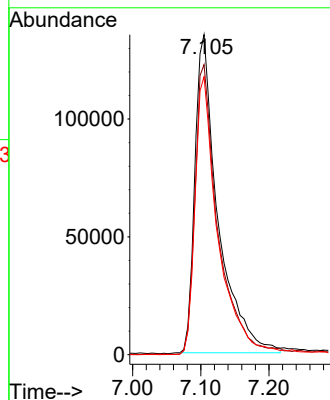
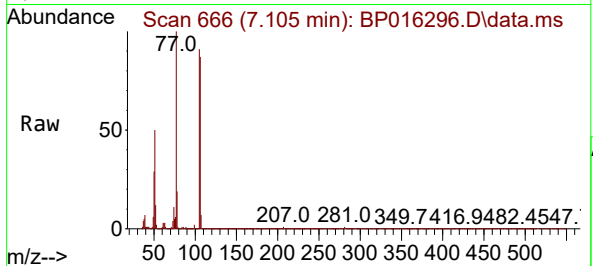




#6
Benzaldehyde
Concen: 25.594 ng/ul
RT: 7.105 min Scan# 610
Delta R.T. -0.018 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

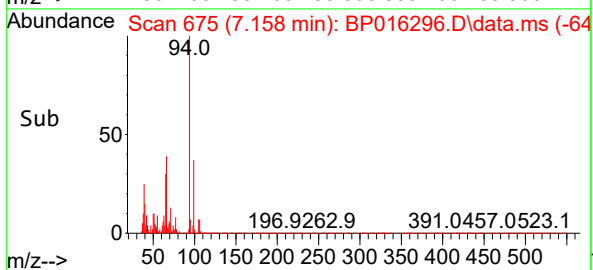
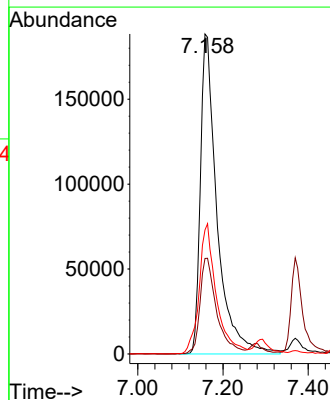
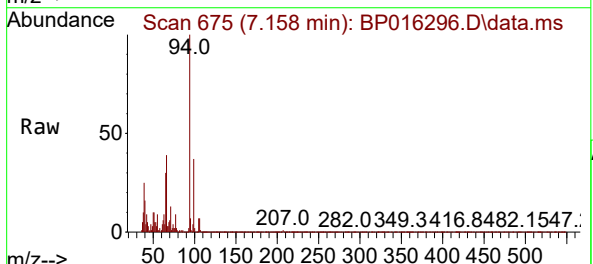
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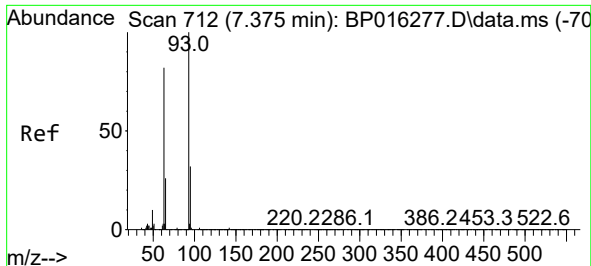
Tgt Ion: 77 Resp: 317822
Ion Ratio Lower Upper
77 100
105 90.7 69.4 104.2
106 86.9 66.2 99.4



#8
Phenol
Concen: 23.886 ng/ul
RT: 7.158 min Scan# 675
Delta R.T. -0.023 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion: 94 Resp: 509209
Ion Ratio Lower Upper
94 100
65 29.8 25.5 38.3
66 38.8 32.7 49.1

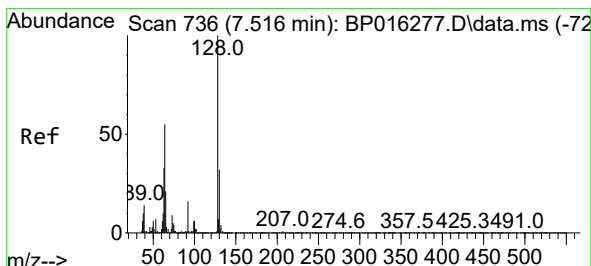
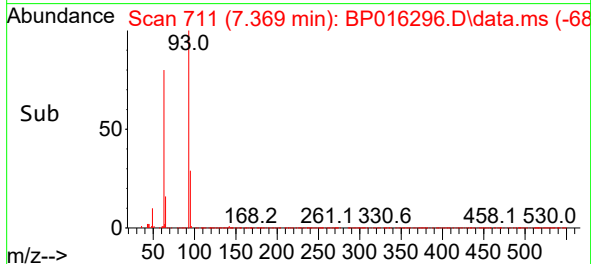
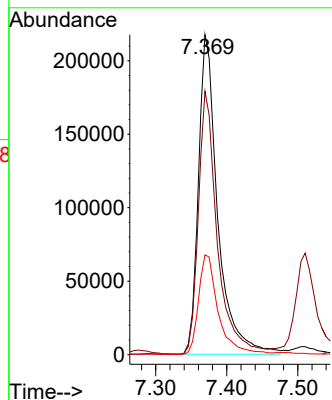
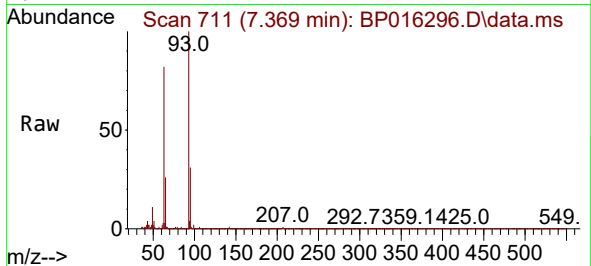




#10
Bis(2-Chloroethyl)ether
Concen: 23.733 ng/ul
RT: 7.369 min Scan# 711
Delta R.T. -0.018 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

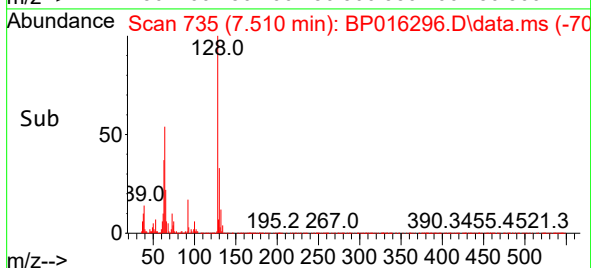
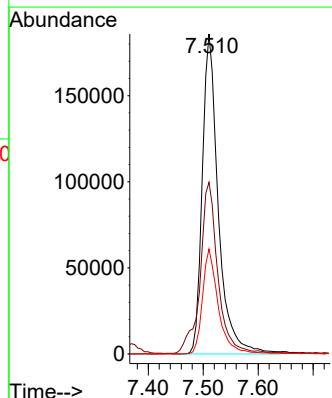
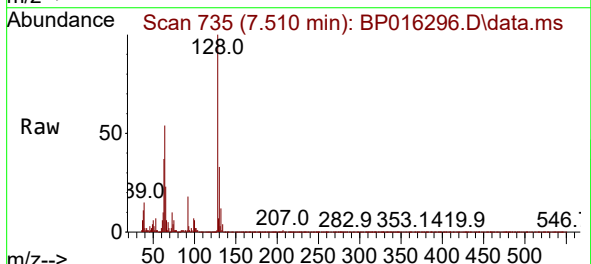
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ClientSampleId :

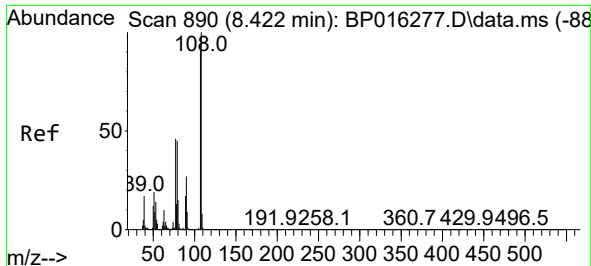
Tgt Ion: 93 Resp: 411468
Ion Ratio Lower Upper
93 100
63 82.3 63.5 95.3
95 31.2 25.1 37.7



#12
2-Chlorophenol
Concen: 25.266 ng/ul
RT: 7.510 min Scan# 735
Delta R.T. -0.018 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:128 Resp: 376346
Ion Ratio Lower Upper
128 100
64 53.7 44.1 66.1
130 32.8 24.3 36.5





#13

2-Methylphenol

Concen: 21.194 ng/ul

RT: 8.416 min Scan# 890

Delta R.T. -0.018 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

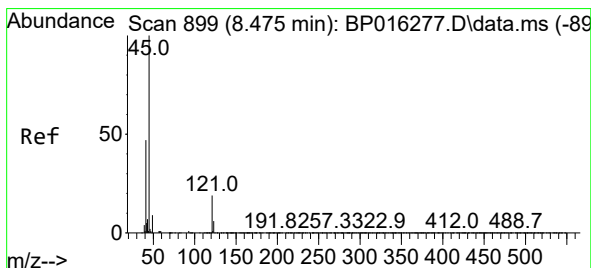
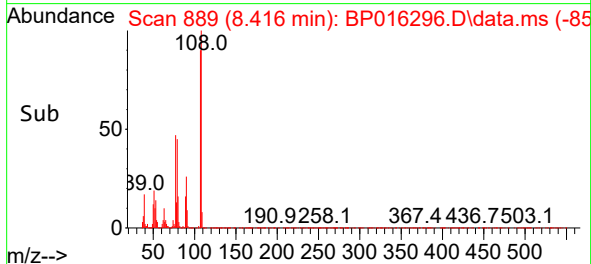
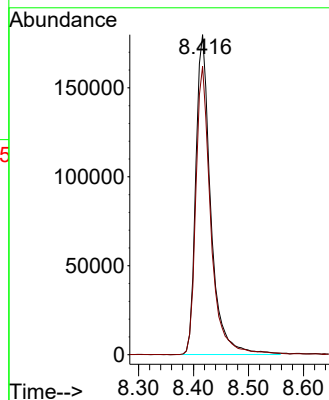
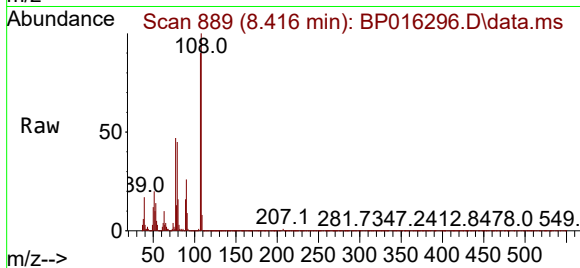
ClientSampleId :

Tgt Ion:108 Resp: 340070

Ion Ratio Lower Upper

108 100

107 90.1 70.5 105.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.026 ng/ul

RT: 8.469 min Scan# 898

Delta R.T. -0.023 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

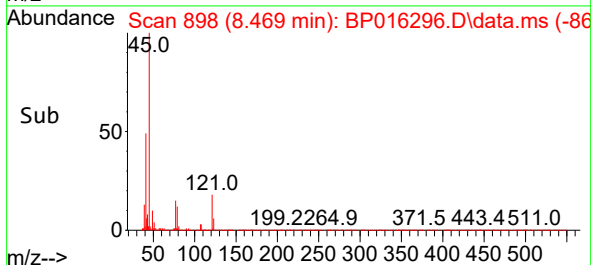
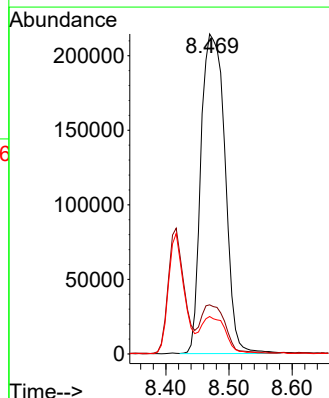
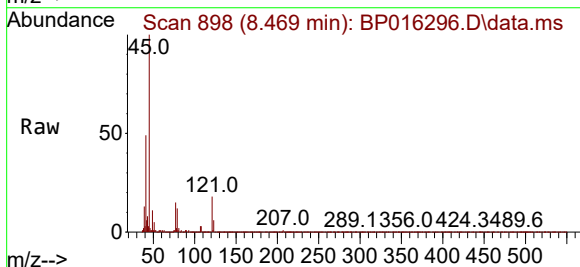
Tgt Ion: 45 Resp: 563457

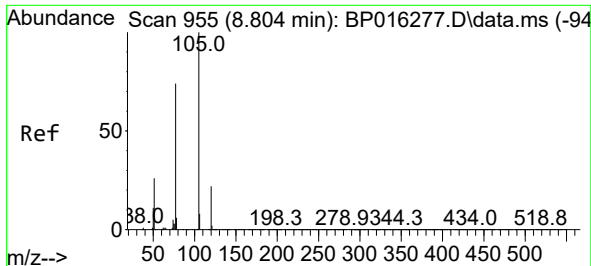
Ion Ratio Lower Upper

45 100

77 15.3 12.5 18.7

79 11.7 8.7 13.1

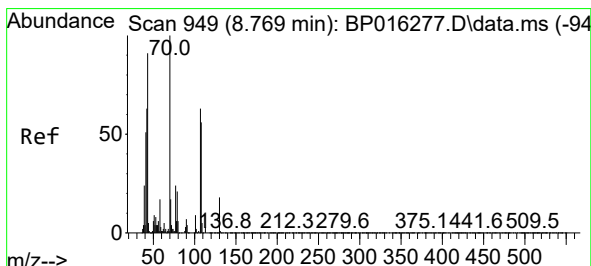
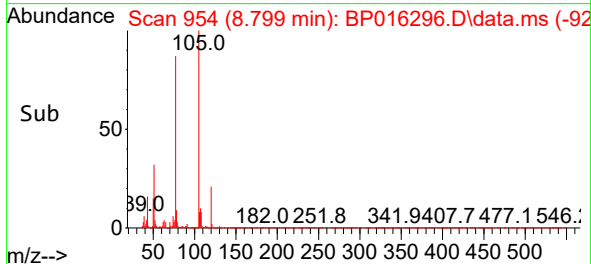
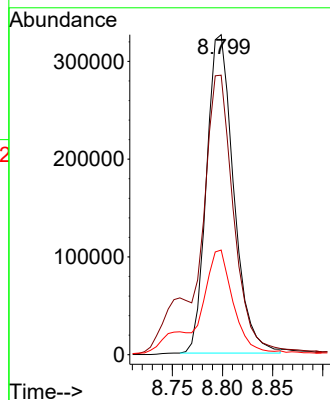
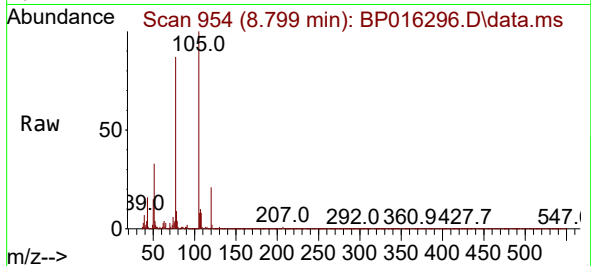




#16
Acetophenone
Concen: 23.235 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

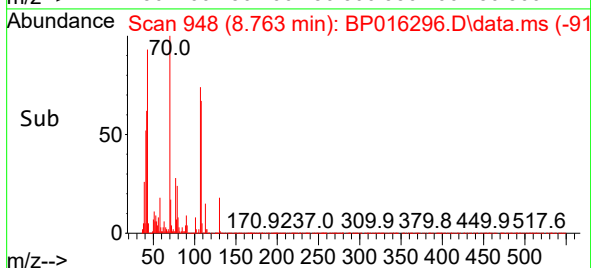
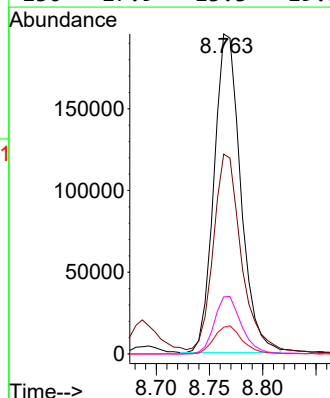
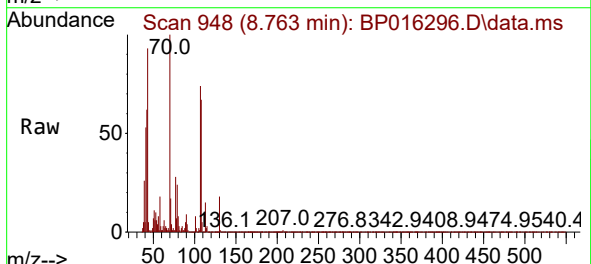
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BNA_M
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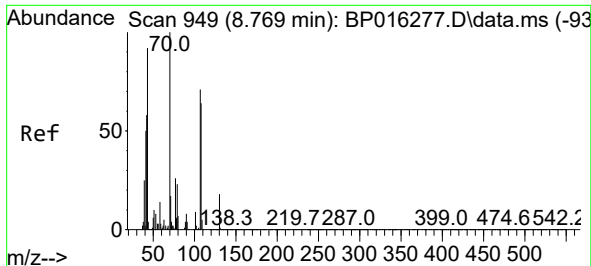
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Ion Ratio Lower Upper
105 100
77 87.3 70.2 105.2
51 32.7 26.3 39.5



#17
N-Nitroso-di-n-propylamine
Concen: 23.965 ng/ul
RT: 8.763 min Scan# 948
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion: 70 Resp: 339419
Ion Ratio Lower Upper
70 100
42 62.5 50.8 76.2
101 8.4 7.0 10.6
130 17.9 13.3 19.9





#18

4-Methylphenol

Concen: 23.323 ng/ul

RT: 8.757 min Scan# 949

Delta R.T. -0.018 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

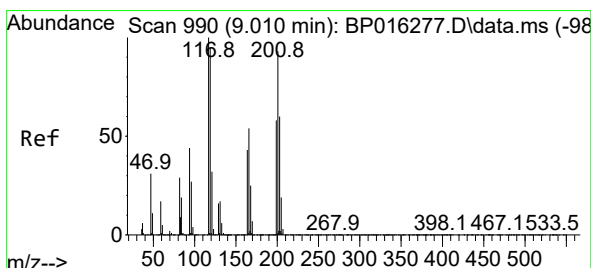
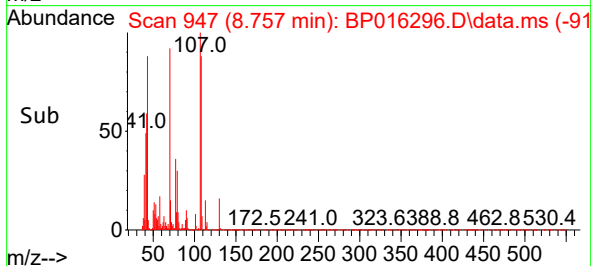
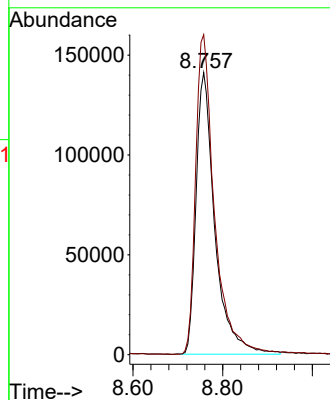
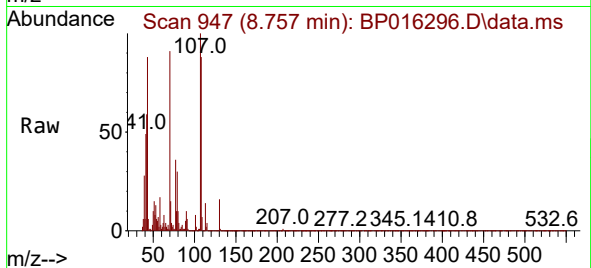
ClientSampleId :

Tgt Ion:108 Resp: 409229

Ion Ratio Lower Upper

108 100

107 113.5 89.3 133.9



#19

Hexachloroethane

Concen: 23.841 ng/ul

RT: 9.010 min Scan# 990

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

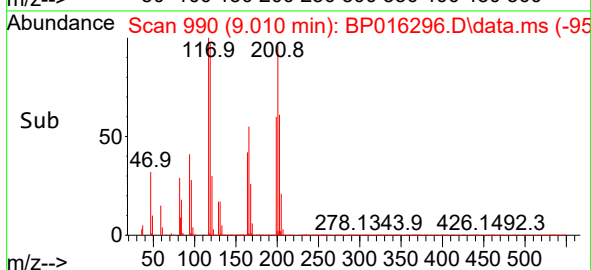
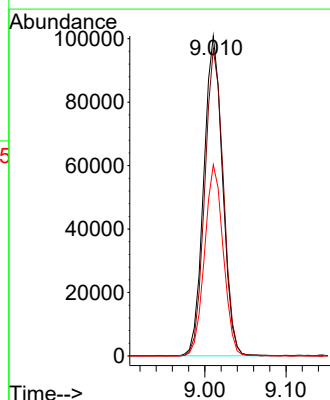
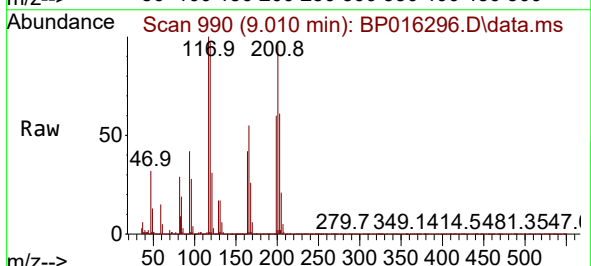
Tgt Ion:117 Resp: 161893

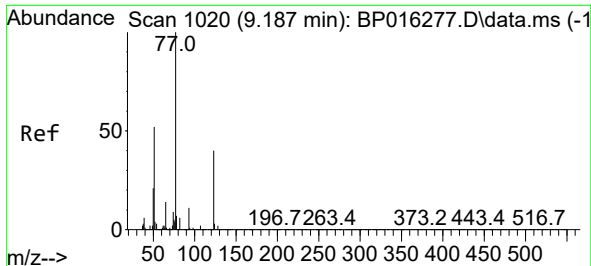
Ion Ratio Lower Upper

117 100

201 96.1 76.5 114.7

199 59.7 47.9 71.9

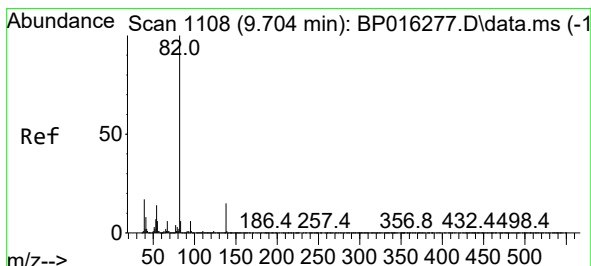
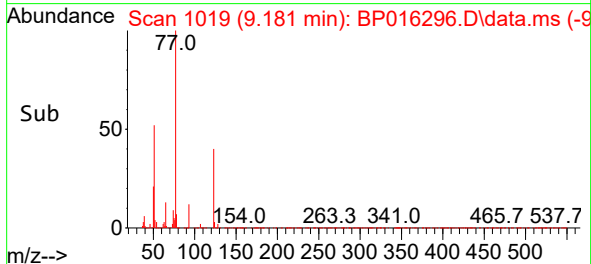
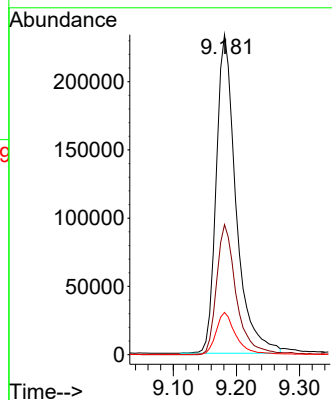
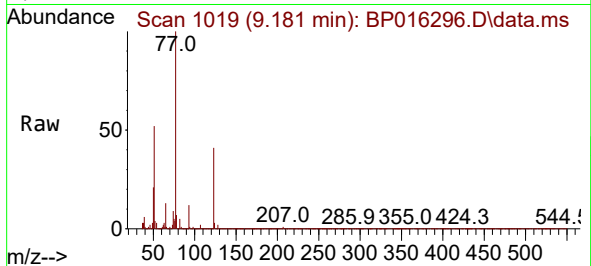




#22
Nitrobenzene
Concen: 24.406 ng/ul
RT: 9.181 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

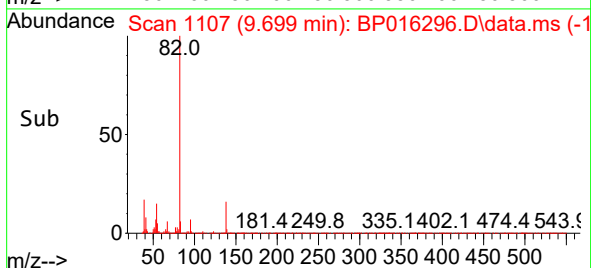
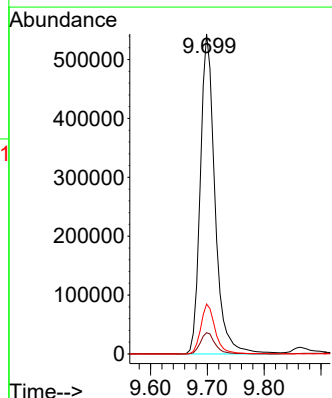
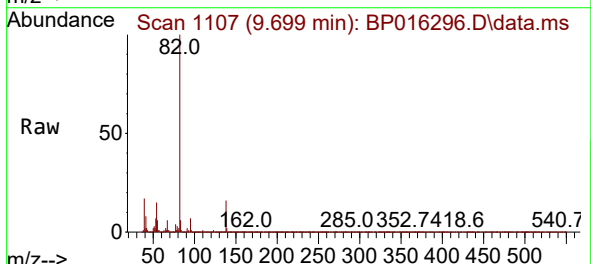
Instrument :
BNA_M
ClientSampleId :

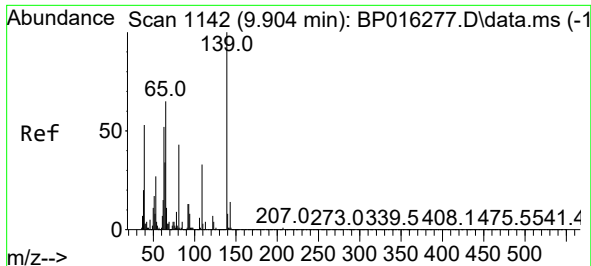
Tgt Ion: 77 Resp: 507636
Ion Ratio Lower Upper
77 100
123 40.7 31.8 47.8
65 13.2 10.4 15.6



#23
Isophorone
Concen: 23.644 ng/ul
RT: 9.699 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion: 82 Resp: 974834
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 15.6 12.3 18.5

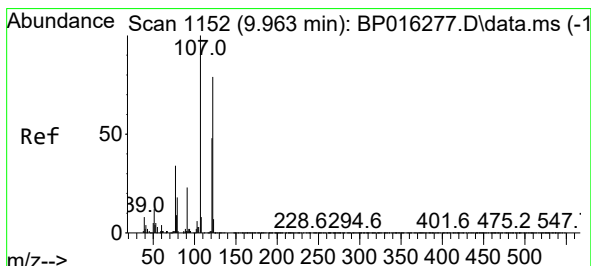
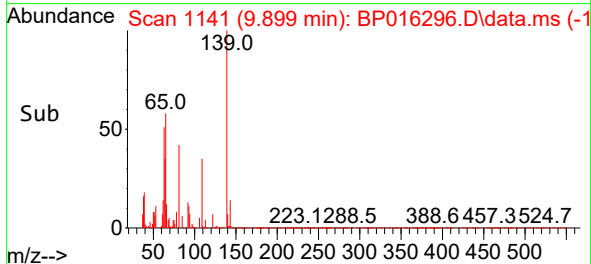
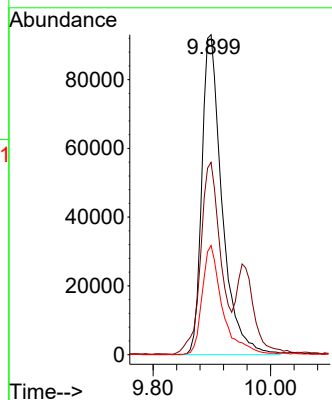
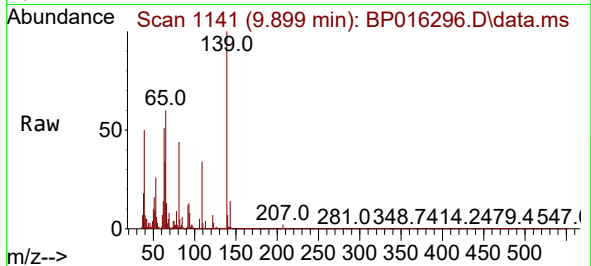




#25
2-Nitrophenol
Concen: 25.321 ng/ul
RT: 9.899 min Scan# 1141
Delta R.T. -0.018 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

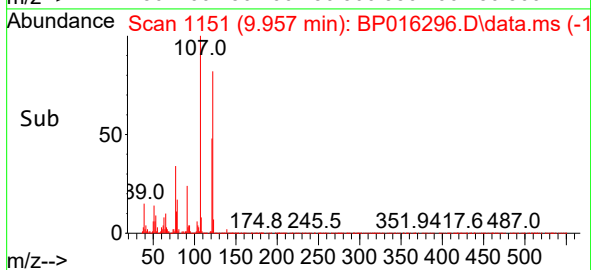
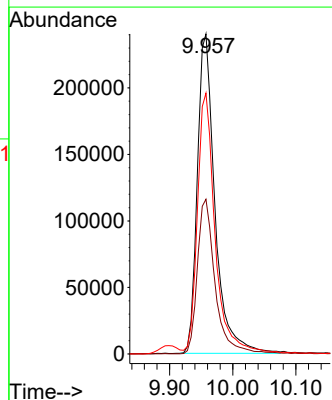
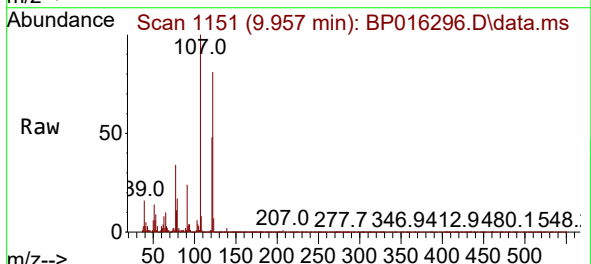
Instrument :
BNA_M
ClientSampleId :

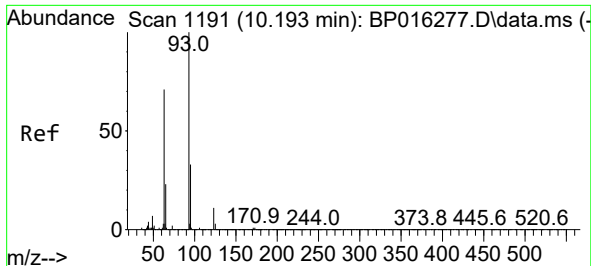
Tgt Ion:139 Resp: 221979
Ion Ratio Lower Upper
139 100
65 60.1 50.0 75.0
109 34.1 28.2 42.2



#26
2,4-Dimethylphenol
Concen: 24.207 ng/ul
RT: 9.957 min Scan# 1151
Delta R.T. -0.018 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:107 Resp: 466662
Ion Ratio Lower Upper
107 100
121 48.4 37.2 55.8
122 81.5 64.7 97.1





#27

Bis(2-Chloroethoxy)methane

Concen: 24.306 ng/ul

RT: 10.181 min Scan# 1189

Delta R.T. -0.018 min

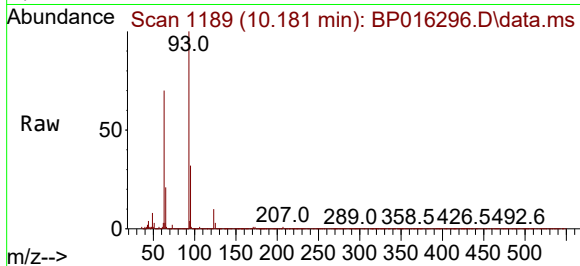
Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :



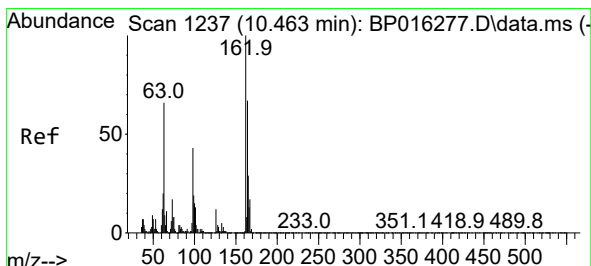
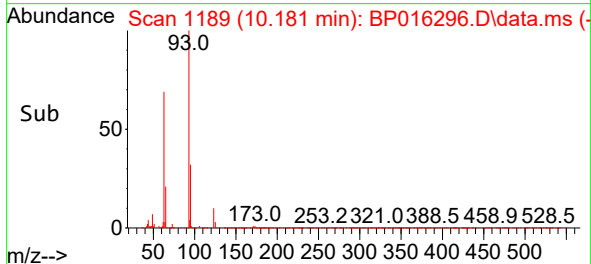
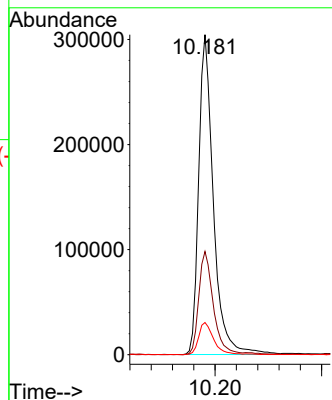
Tgt Ion: 93 Resp: 583509

Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 10.1 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 22.470 ng/ul

RT: 10.446 min Scan# 1234

Delta R.T. -0.029 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

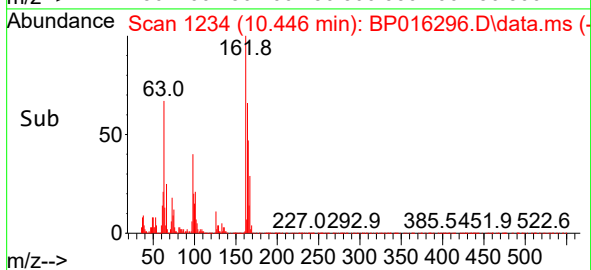
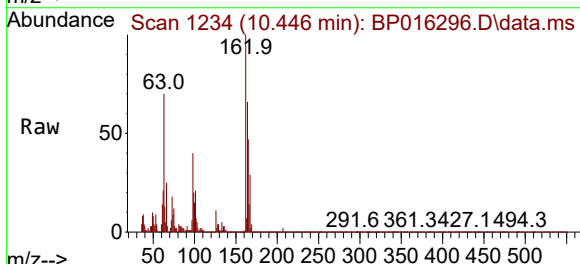
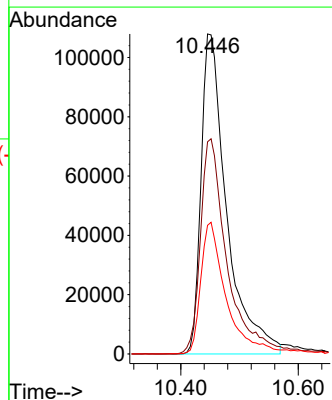
Tgt Ion:162 Resp: 326450

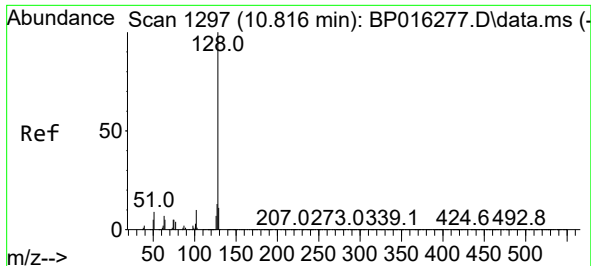
Ion Ratio Lower Upper

162 100

164 66.3 54.3 81.5

98 40.2 31.8 47.8

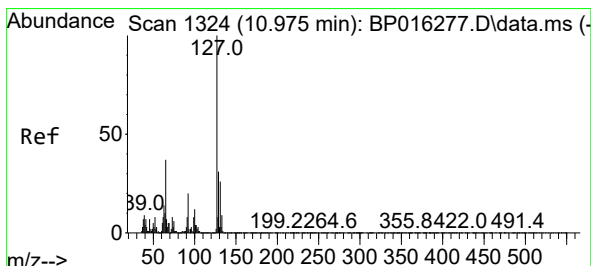
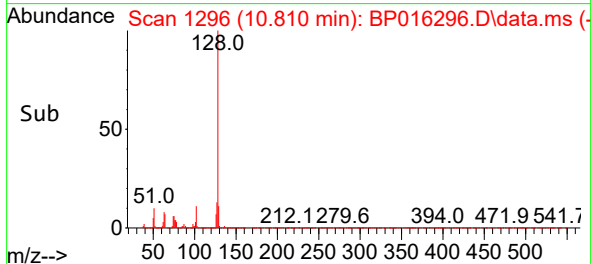
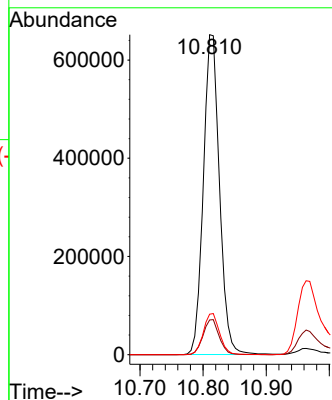
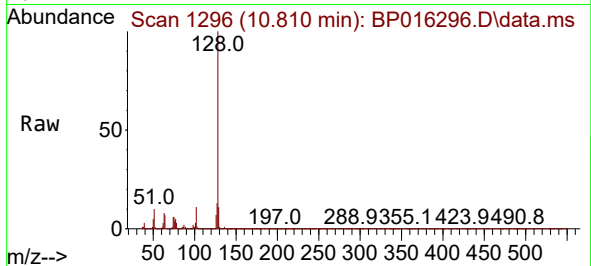




#30
Naphthalene
Concen: 21.272 ng/ul
RT: 10.810 min Scan# 1297
Delta R.T. -0.018 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

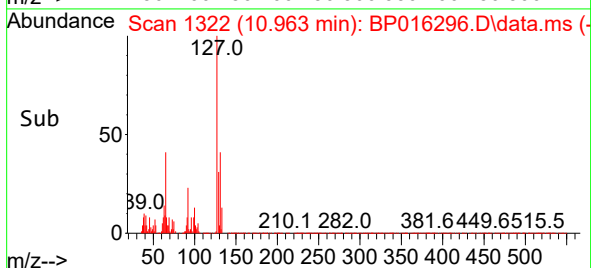
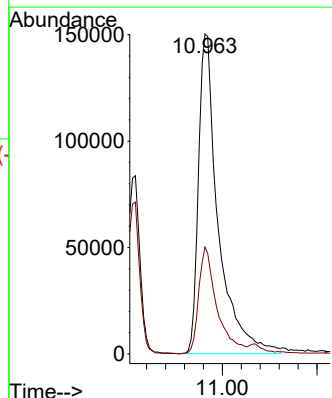
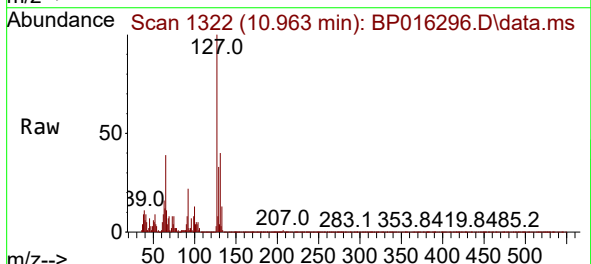
Instrument :
BNA_M
ClientSampleId :

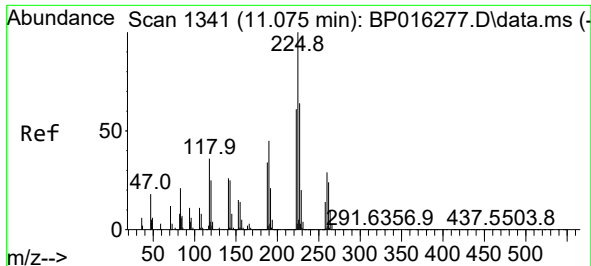
Tgt Ion:128 Resp: 1158408
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.7 10.9 16.3



#32
4-Chloroaniline
Concen: 19.278 ng/ul
RT: 10.963 min Scan# 1322
Delta R.T. -0.023 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:127 Resp: 434224
Ion Ratio Lower Upper
127 100
129 33.4 26.1 39.1

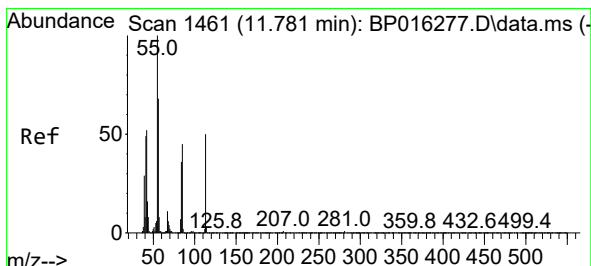
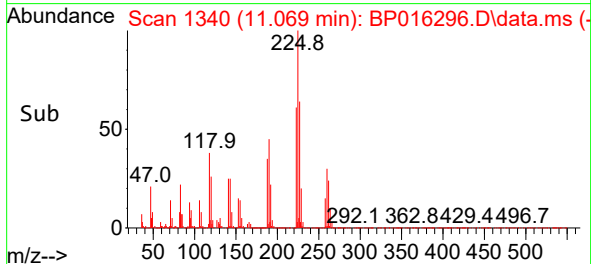
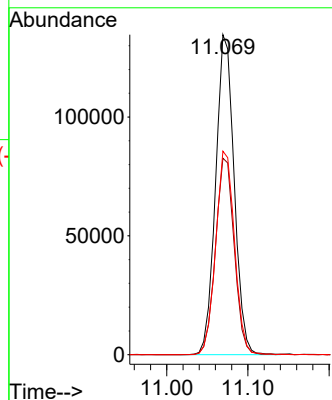
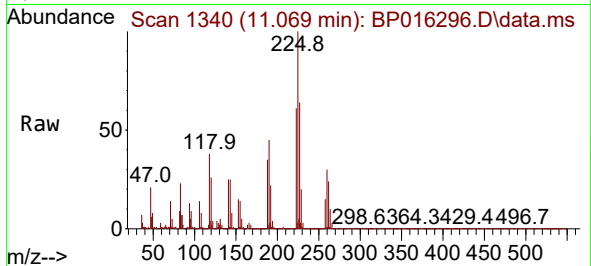




#33
Hexachlorobutadiene
Concen: 21.628 ng/ul
RT: 11.069 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

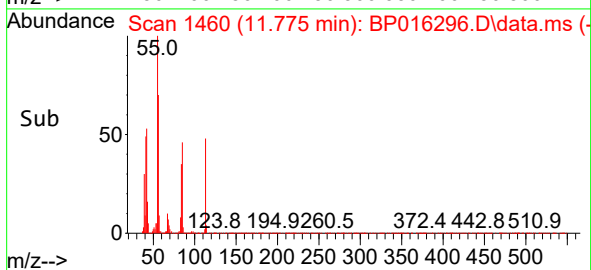
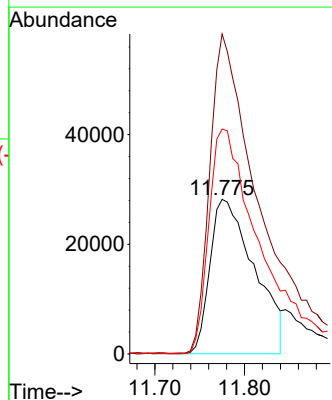
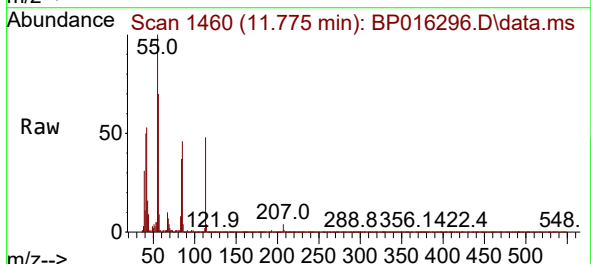
Instrument :
BNA_M
ClientSampleId :

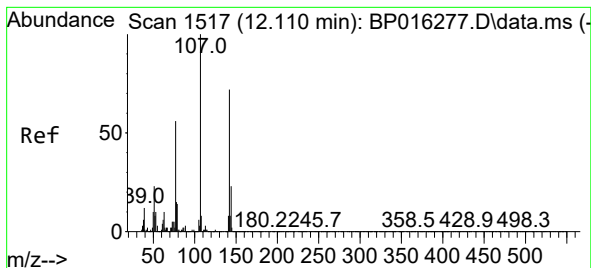
Tgt Ion:225 Resp: 213414
Ion Ratio Lower Upper
225 100
223 61.4 49.8 74.6
227 63.6 51.7 77.5



#34
Caprolactam
Concen: 18.463 ng/ul
RT: 11.775 min Scan# 1460
Delta R.T. -0.018 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:113 Resp: 97109
Ion Ratio Lower Upper
113 100
55 207.1 147.8 221.8
56 145.6 103.8 155.6

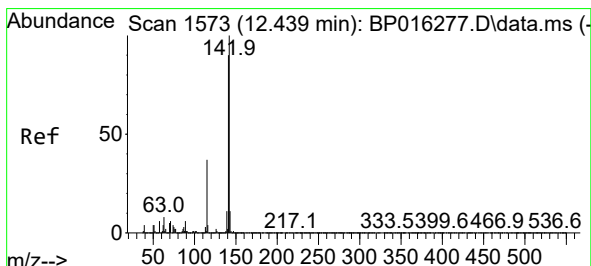
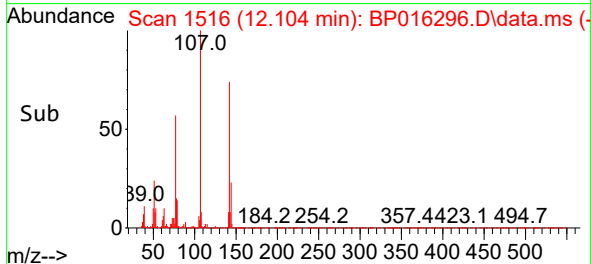
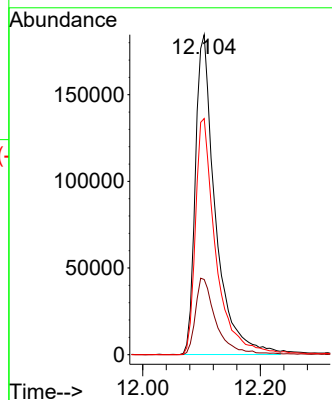
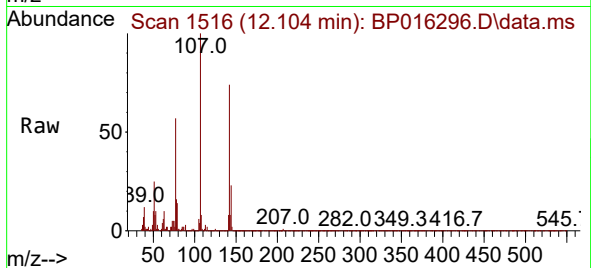




#35
4-Chloro-3-methylphenol
Concen: 24.298 ng/ul
RT: 12.104 min Scan# 1516
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

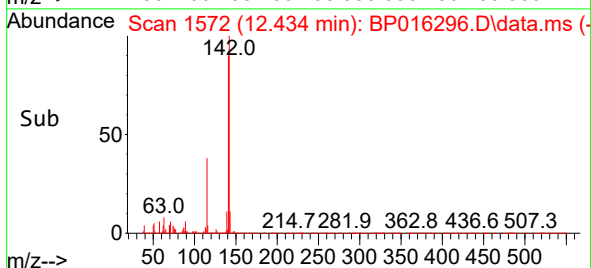
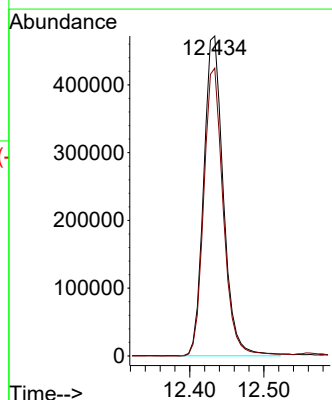
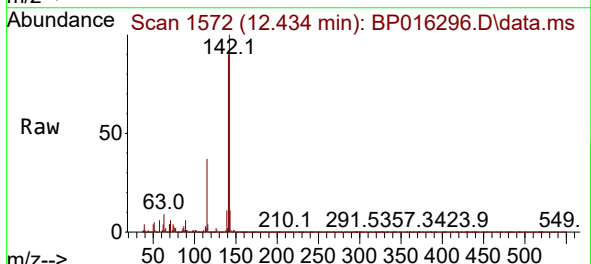
Instrument :
BNA_M
ClientSampleId :

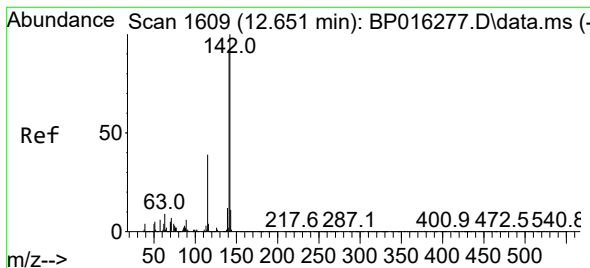
Tgt Ion:107 Resp: 435626
Ion Ratio Lower Upper
107 100
144 23.5 20.3 30.5
142 73.8 60.8 91.2



#36
2-Methylnaphthalene
Concen: 23.742 ng/ul
RT: 12.434 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:142 Resp: 866875
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#37

1-Methylnaphthalene

Concen: 23.483 ng/ul

RT: 12.646 min Scan# 1608

Delta R.T. -0.018 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

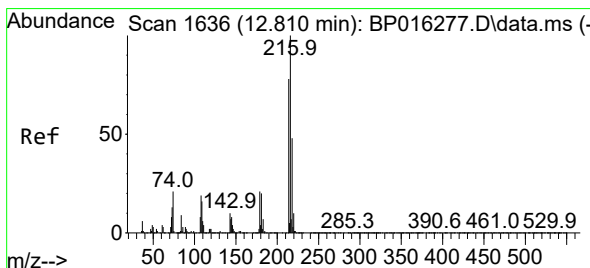
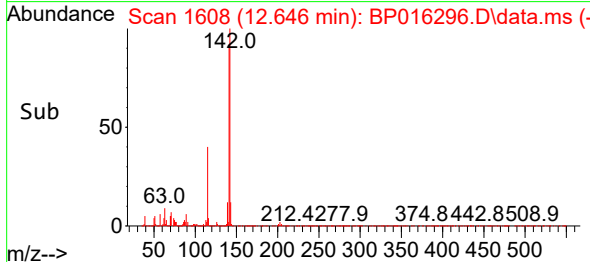
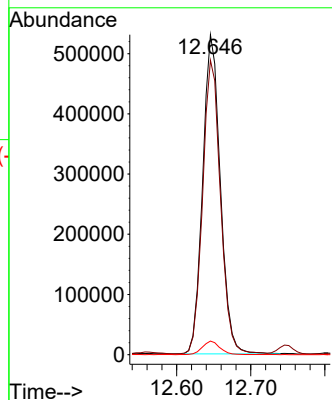
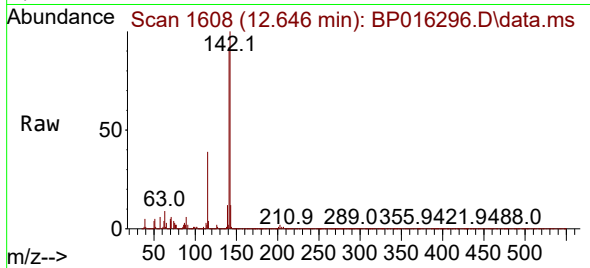
Tgt Ion:142 Resp: 881814

Ion Ratio Lower Upper

142 100

141 92.0 73.9 110.9

116 4.3 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.608 ng/ul

RT: 12.804 min Scan# 1635

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Tgt Ion:216 Resp: 457835

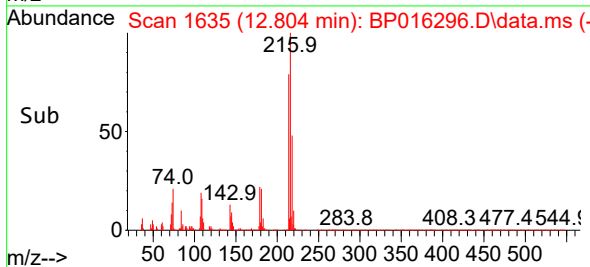
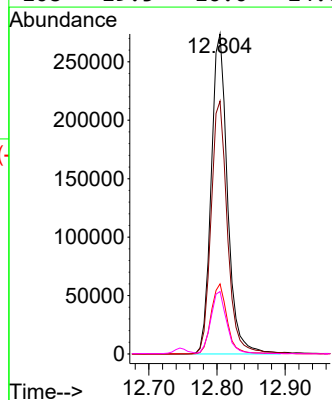
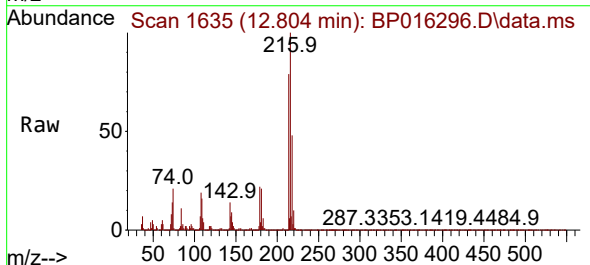
Ion Ratio Lower Upper

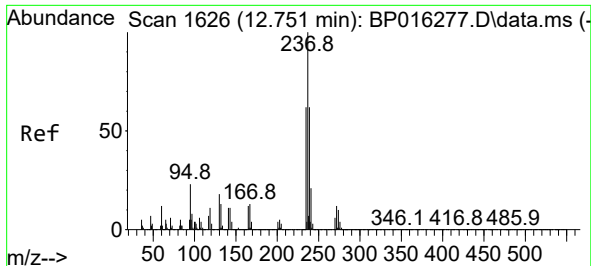
216 100

214 79.0 62.9 94.3

179 21.9 17.8 26.6

108 19.5 16.0 24.0

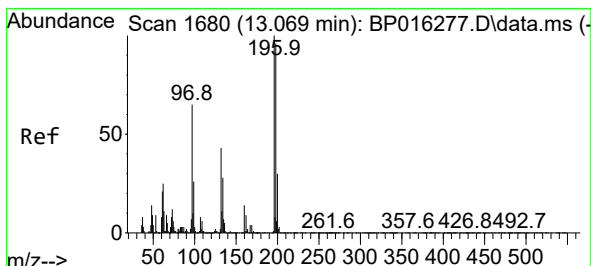
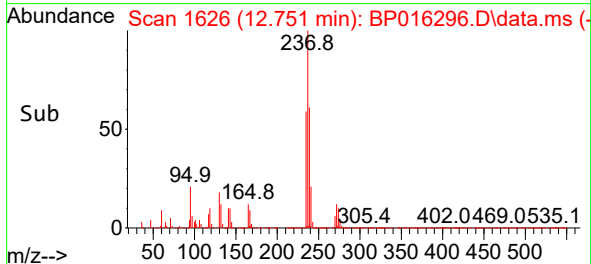
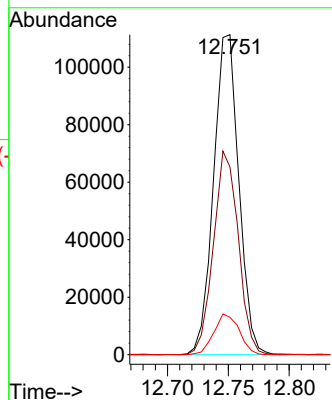
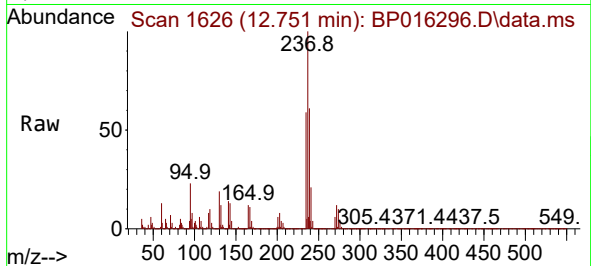




#40
Hexachlorocyclopentadiene
Concen: 22.889 ng/ul
RT: 12.751 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

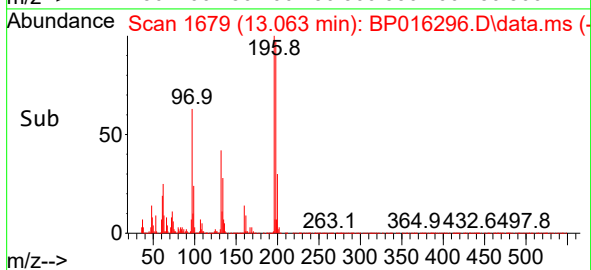
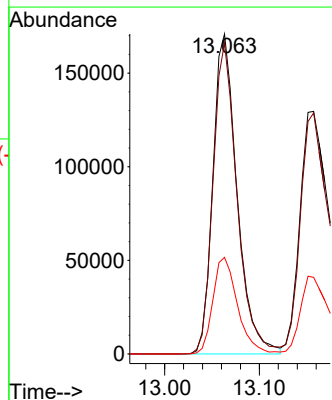
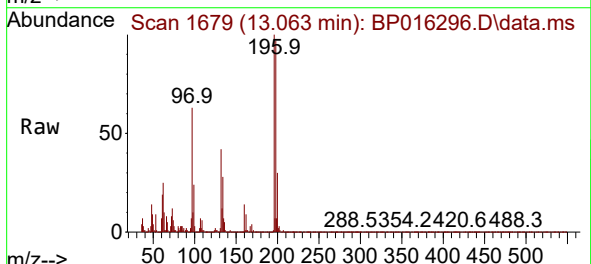
Instrument :
BNA_M
ClientSampleId :

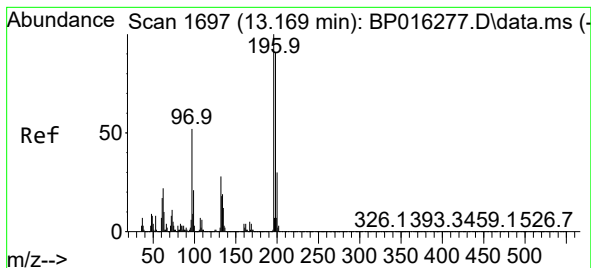
Tgt Ion:237 Resp: 160650
Ion Ratio Lower Upper
237 100
235 58.7 48.2 72.2
272 12.4 9.5 14.3



#41
2,4,6-Trichlorophenol
Concen: 26.821 ng/ul
RT: 13.063 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:196 Resp: 302953
Ion Ratio Lower Upper
196 100
198 97.2 79.2 118.8
200 30.2 24.2 36.4





#42

2,4,5-Trichlorophenol

Concen: 27.123 ng/ul

RT: 13.157 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

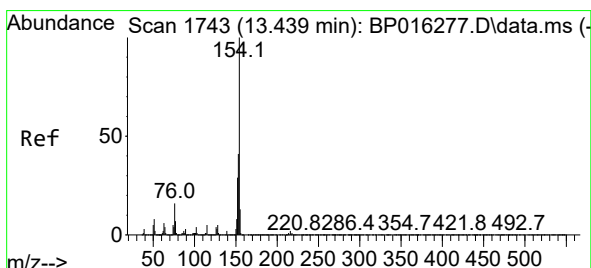
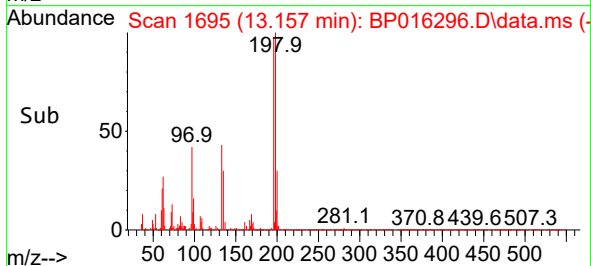
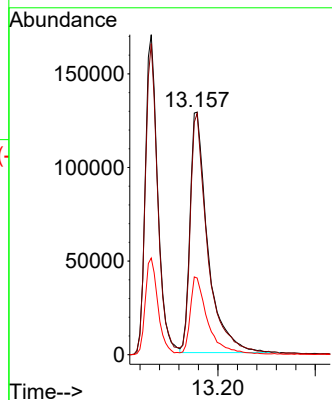
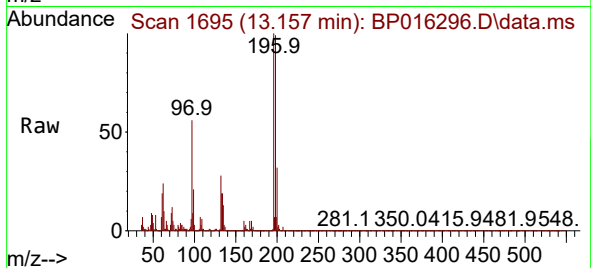
Tgt Ion:196 Resp: 325709

Ion Ratio Lower Upper

196 100

198 99.4 77.4 116.2

200 31.6 25.3 37.9



#43

1,1'-Biphenyl

Concen: 25.017 ng/ul

RT: 13.434 min Scan# 1742

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

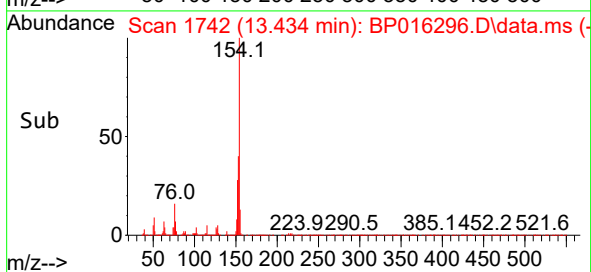
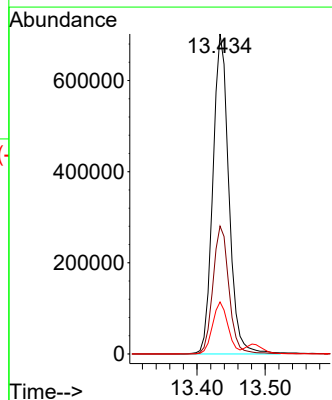
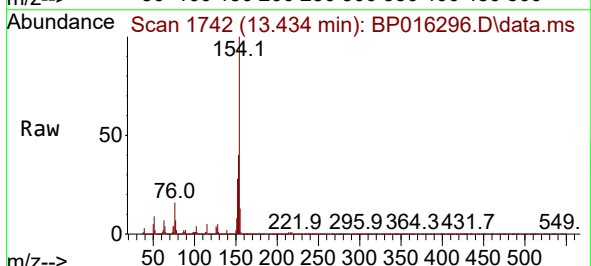
Tgt Ion:154 Resp: 1145539

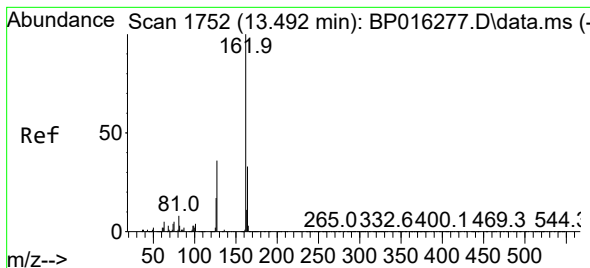
Ion Ratio Lower Upper

154 100

153 40.0 31.1 46.7

76 16.2 12.9 19.3





#44

2-Chloronaphthalene

Concen: 25.582 ng/ul

RT: 13.487 min Scan# 1751

Delta R.T. -0.012 min

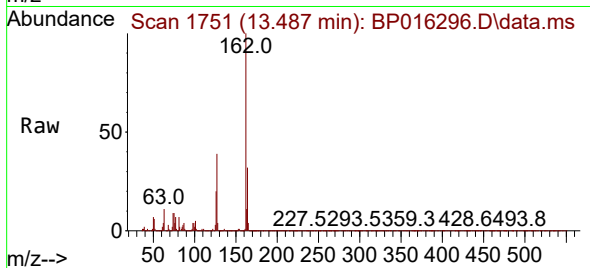
Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :



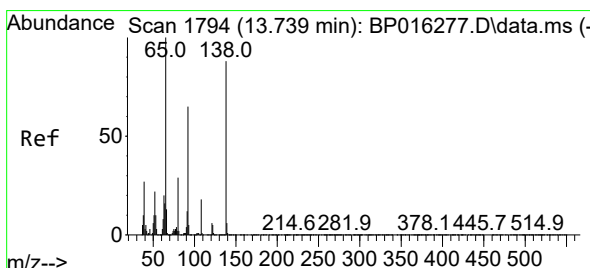
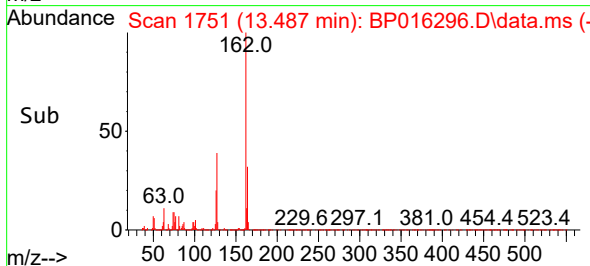
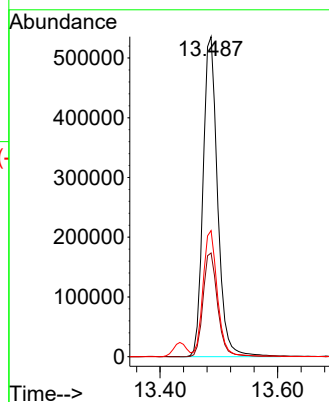
Tgt Ion:162 Resp: 920326

Ion Ratio Lower Upper

162 100

164 32.4 26.0 39.0

127 39.4 31.2 46.8



#45

2-Nitroaniline

Concen: 26.092 ng/ul

RT: 13.728 min Scan# 1792

Delta R.T. -0.023 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

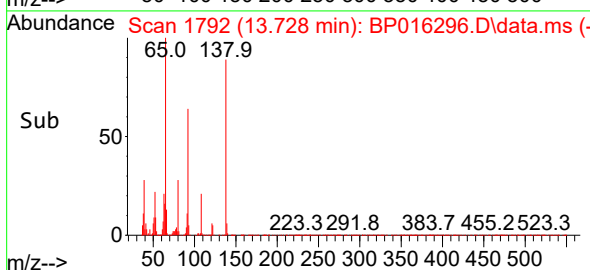
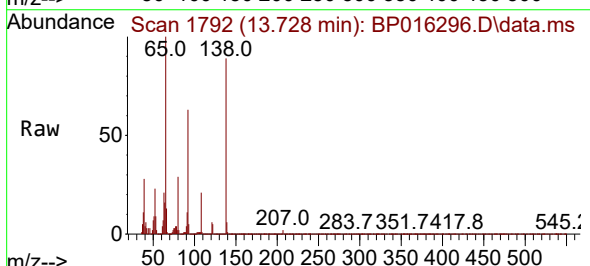
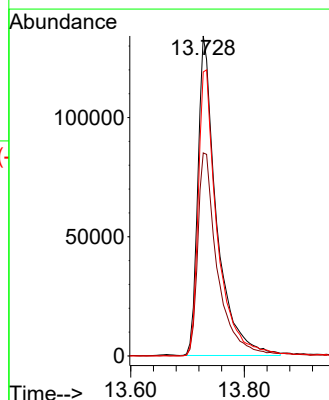
Tgt Ion: 65 Resp: 305911

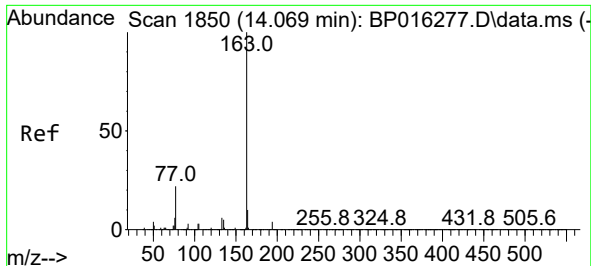
Ion Ratio Lower Upper

65 100

92 63.5 54.1 81.1

138 88.8 73.4 110.0

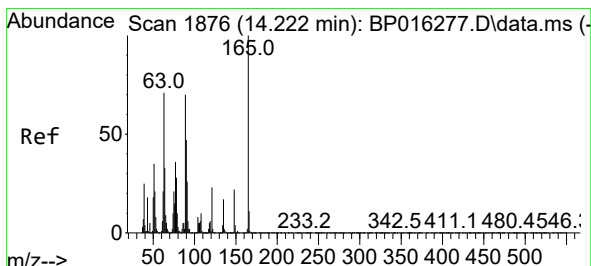
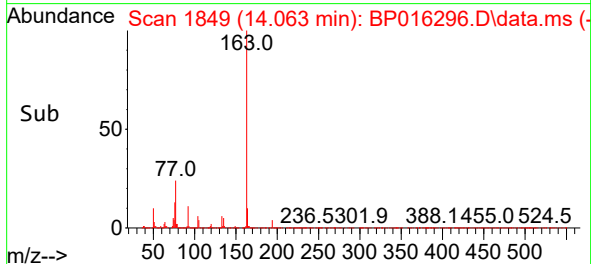
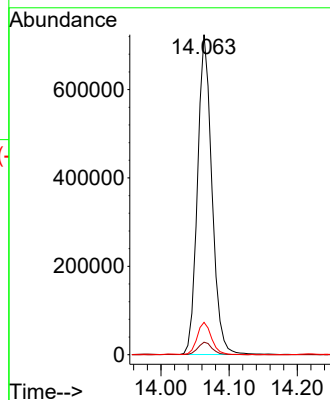
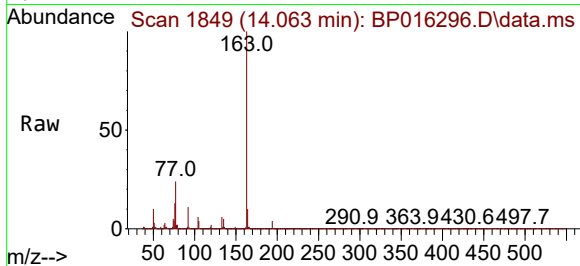




#47
Dimethylphthalate
Concen: 21.935 ng/ul
RT: 14.063 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

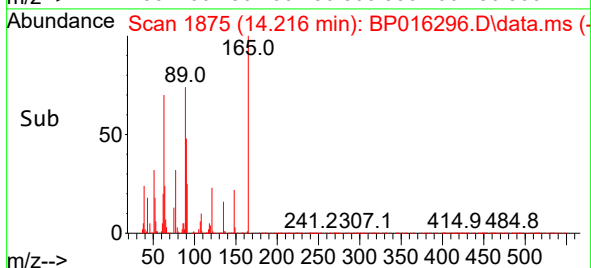
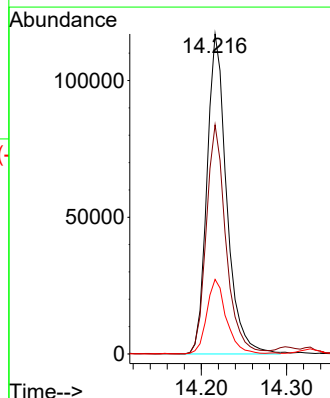
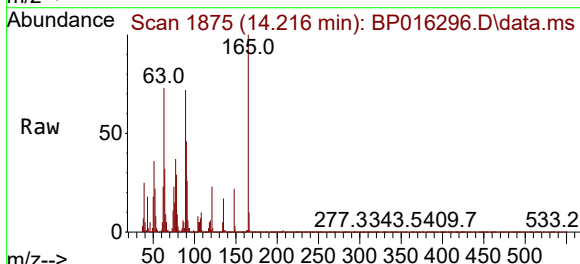
Instrument :
BNA_M
ClientSampleId :

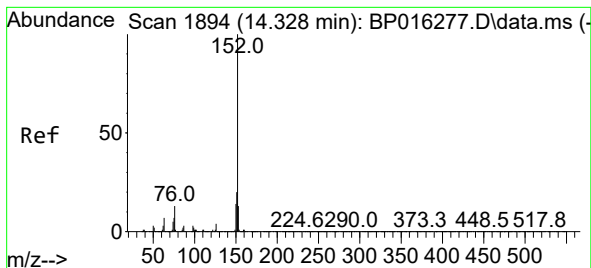
Tgt Ion:163 Resp: 1060848
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 20.633 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:165 Resp: 188122
Ion Ratio Lower Upper
165 100
89 71.6 54.8 82.2
121 23.3 19.4 29.0





#50

Acenaphthylene

Concen: 20.075 ng/ul

RT: 14.328 min Scan# 1894

Delta R.T. -0.006 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

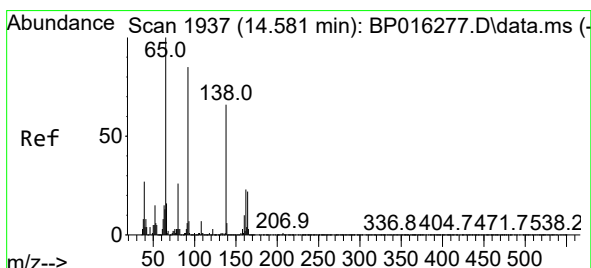
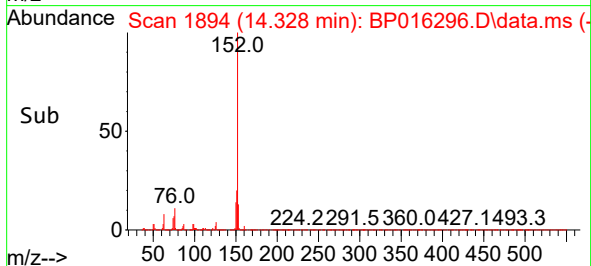
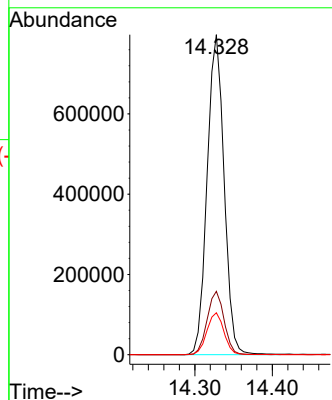
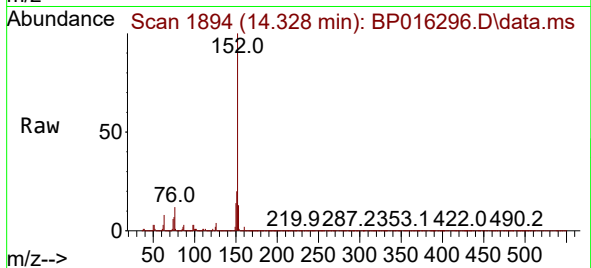
Tgt Ion:152 Resp: 1209924

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.1 10.2 15.4



#51

3-Nitroaniline

Concen: 21.505 ng/ul

RT: 14.569 min Scan# 1935

Delta R.T. -0.018 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

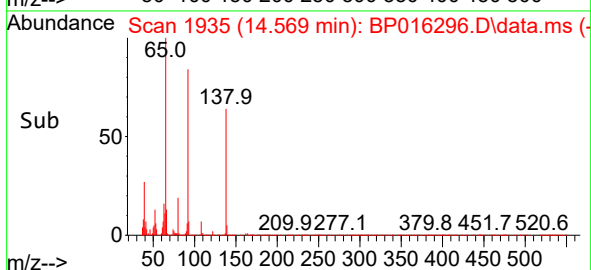
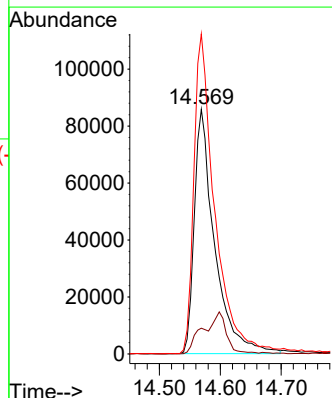
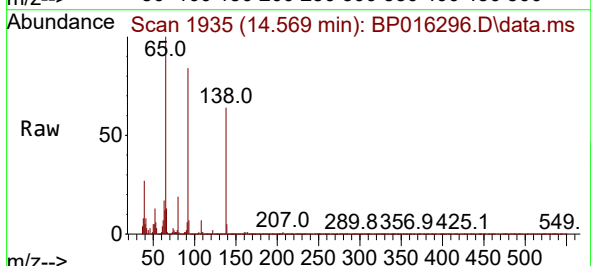
Tgt Ion:138 Resp: 199111

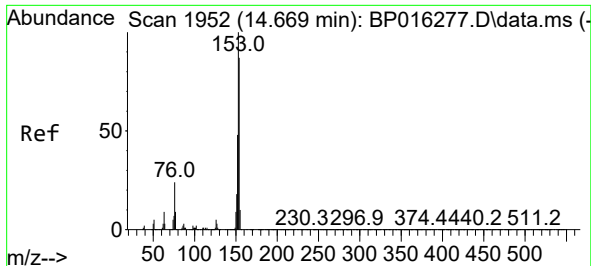
Ion Ratio Lower Upper

138 100

108 10.5 9.6 14.4

92 130.8 109.0 163.4

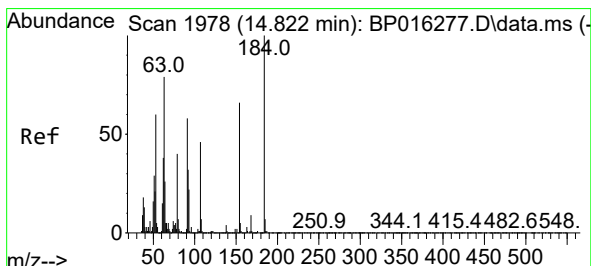
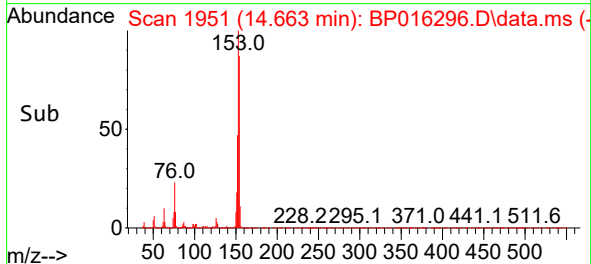
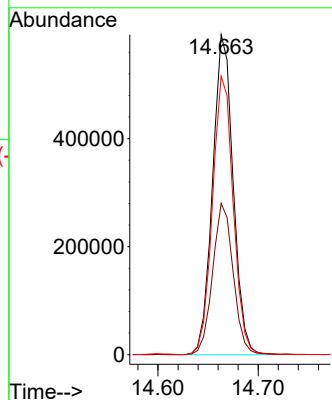
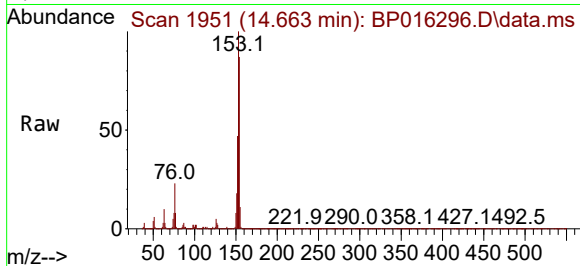




#52
Acenaphthene
Concen: 20.700 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

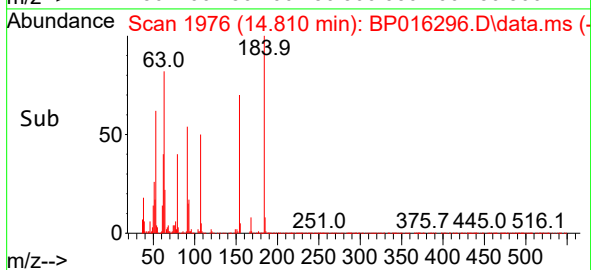
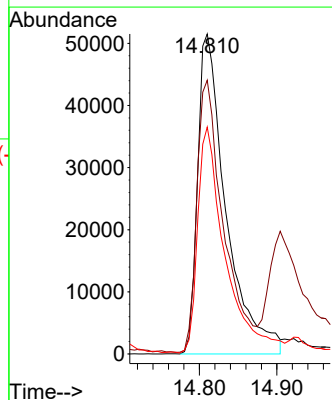
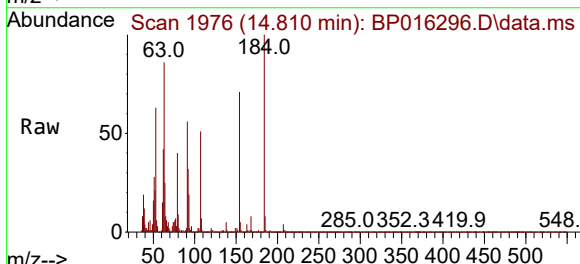
Instrument :
BNA_M
ClientSampleId :

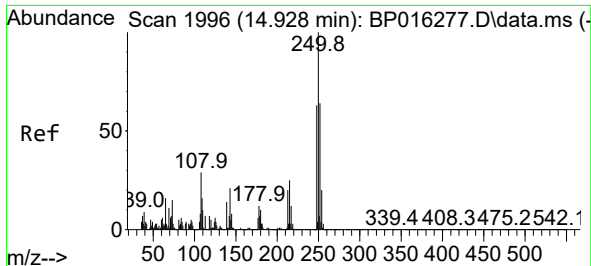
Tgt Ion:153 Resp: 843818
Ion Ratio Lower Upper
153 100
152 47.2 37.9 56.9
154 87.0 69.3 103.9



#53
2,4-Dinitrophenol
Concen: 20.470 ng/ul
RT: 14.810 min Scan# 1976
Delta R.T. -0.018 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:184 Resp: 130632
Ion Ratio Lower Upper
184 100
63 85.5 67.0 100.6
154 70.9 51.5 77.3

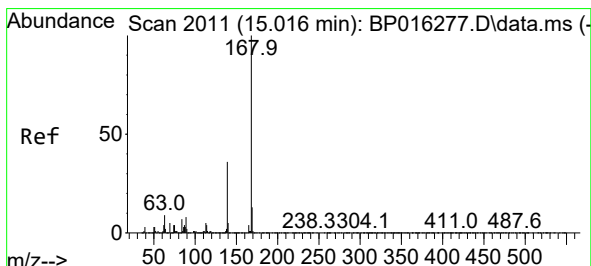
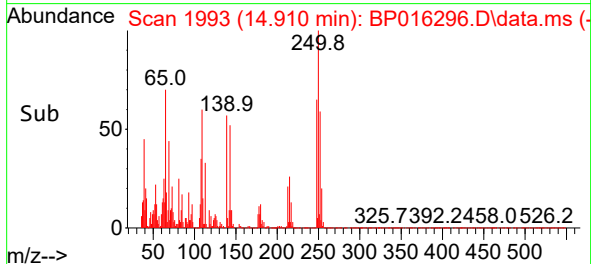
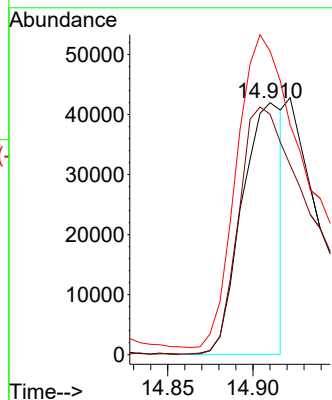
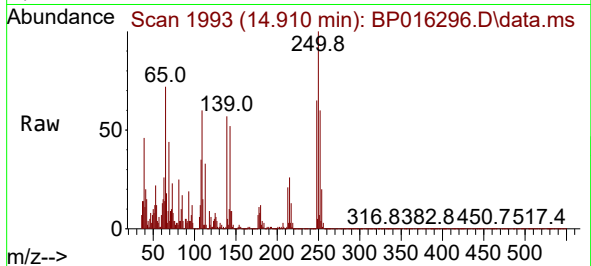




#55
4-Nitrophenol
Concen: 9.242 ng/ul
RT: 14.910 min Scan# 1996
Delta R.T. -0.023 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

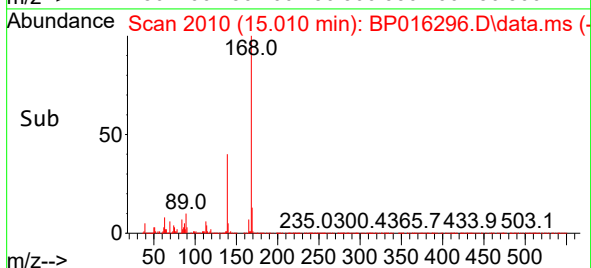
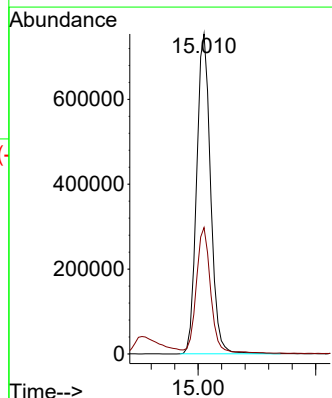
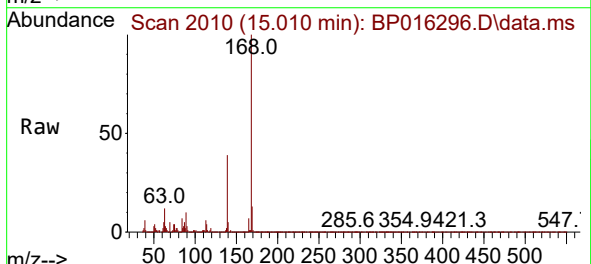
Instrument :
BNA_M
ClientSampleId :

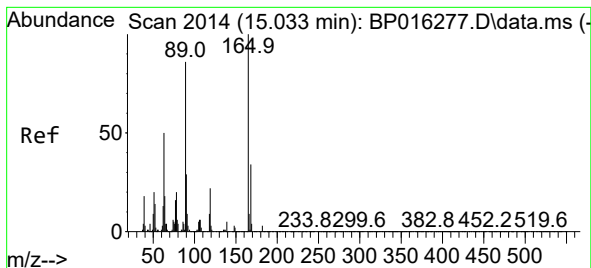
Tgt Ion:109 Resp: 68729
Ion Ratio Lower Upper
109 100
139 95.4 76.8 115.2
65 120.4 92.2 138.4



#56
Dibenzofuran
Concen: 22.324 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:168 Resp: 1239528
Ion Ratio Lower Upper
168 100
139 39.5 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 23.630 ng/ul

RT: 15.028 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

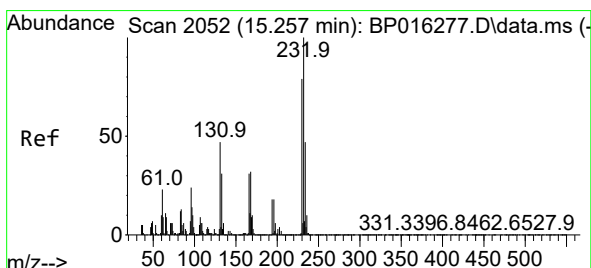
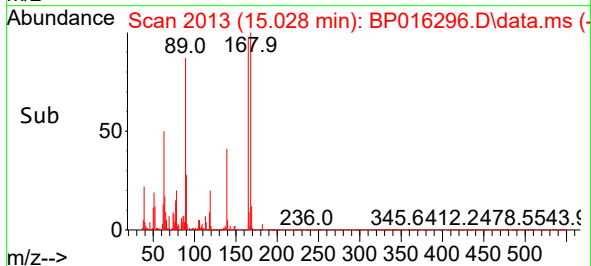
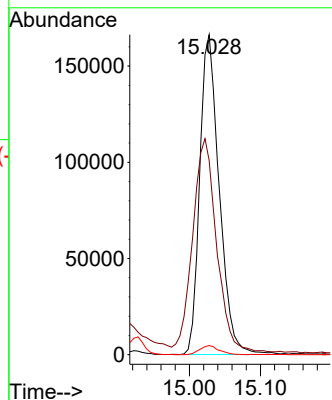
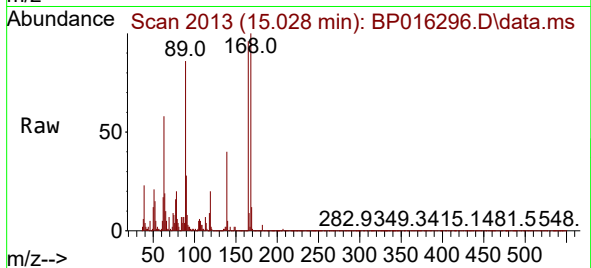
Tgt Ion:165 Resp: 317816

Ion Ratio Lower Upper

165 100

63 60.7 56.9 85.3

182 2.8 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.507 ng/ul

RT: 15.251 min Scan# 2051

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Tgt Ion:232 Resp: 277989

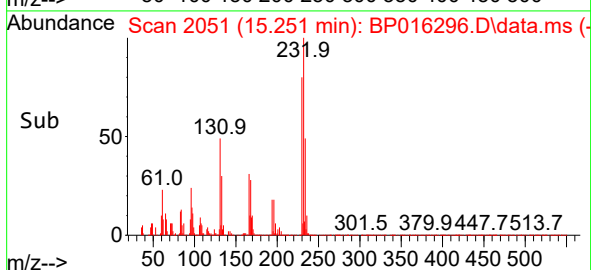
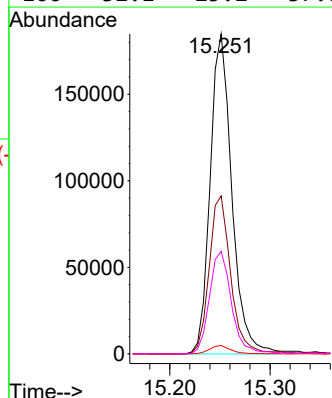
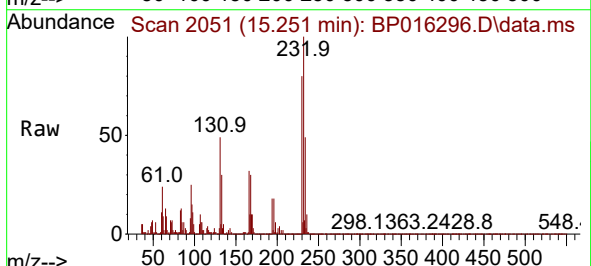
Ion Ratio Lower Upper

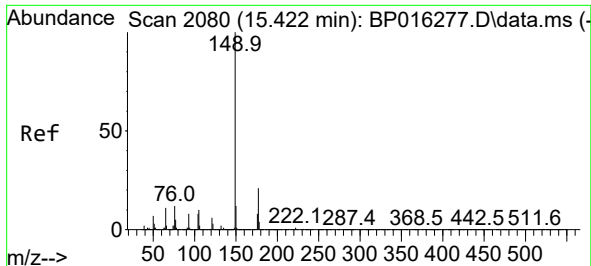
232 100

131 49.4 38.6 57.8

130 2.6 2.2 3.4

166 32.1 25.2 37.8

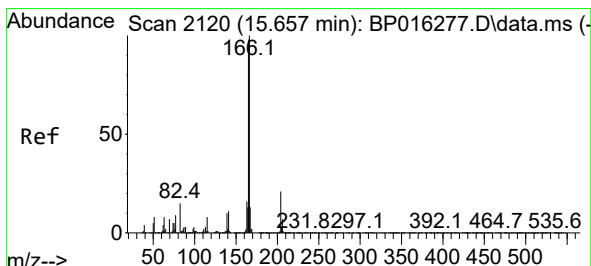
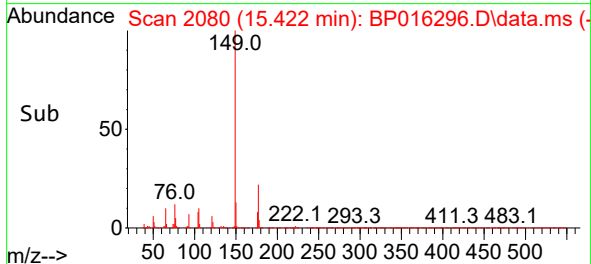
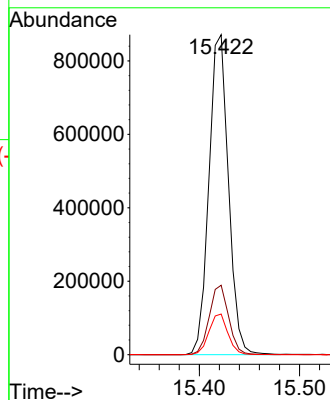
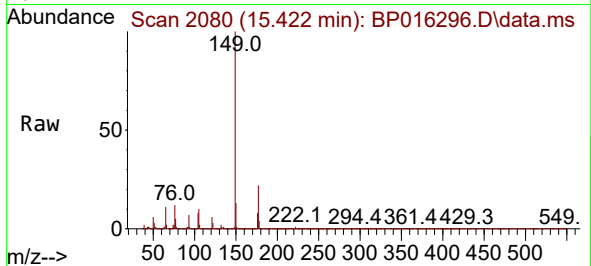




#59
Diethylphthalate
Concen: 23.474 ng/ul
RT: 15.422 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

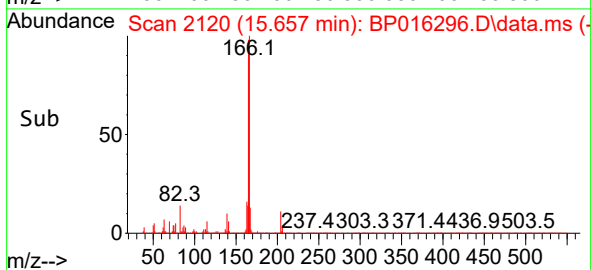
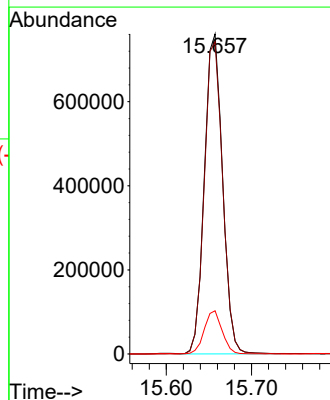
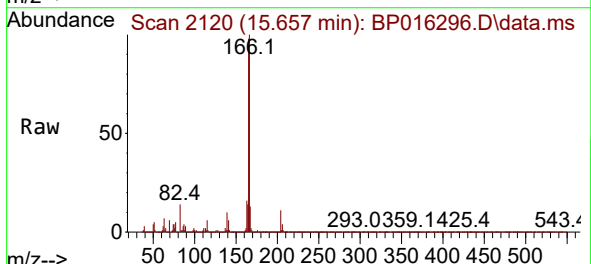
Instrument :
BNA_M
ClientSampleId :

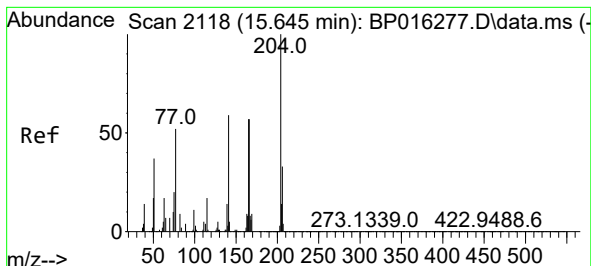
Tgt Ion:149 Resp: 1180595
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.7 10.2 15.2



#61
Fluorene
Concen: 24.292 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:166 Resp: 1126782
Ion Ratio Lower Upper
166 100
165 97.6 78.6 117.8
167 13.5 11.0 16.4

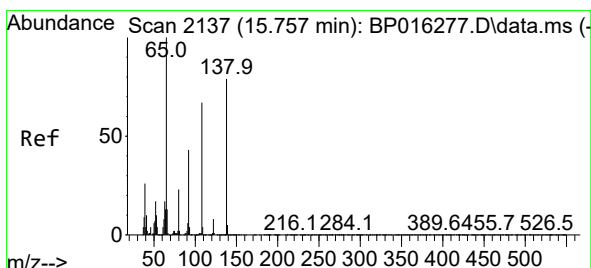
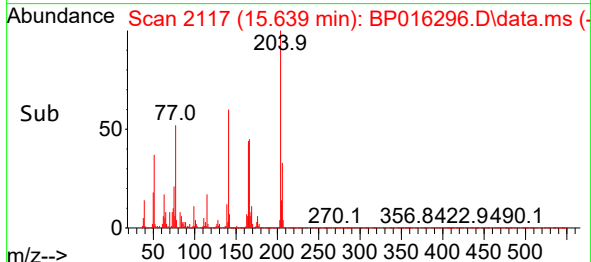
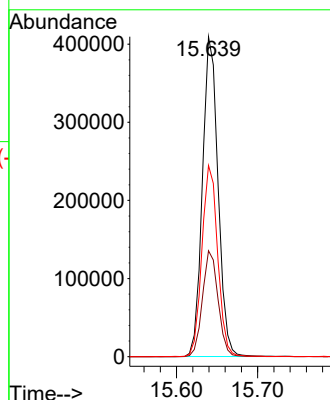
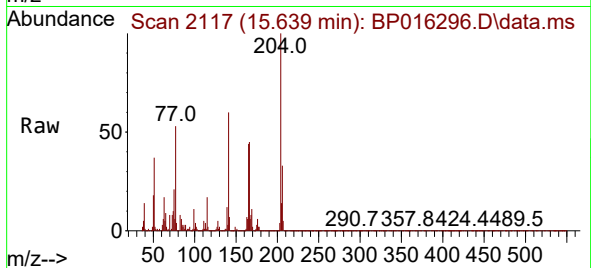




#62
4-Chlorophenyl-phenylether
Concen: 24.340 ng/ul
RT: 15.639 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

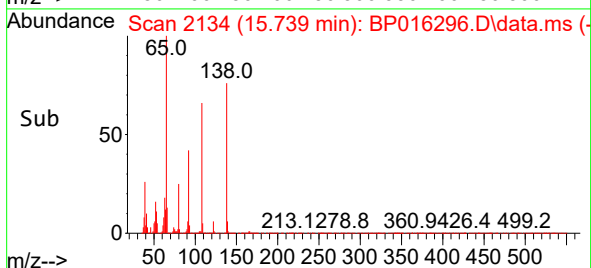
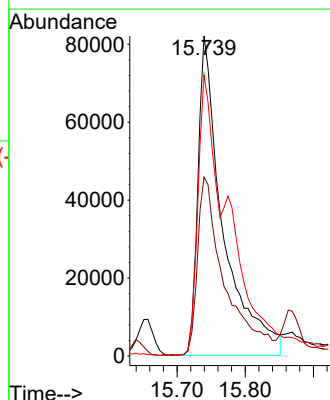
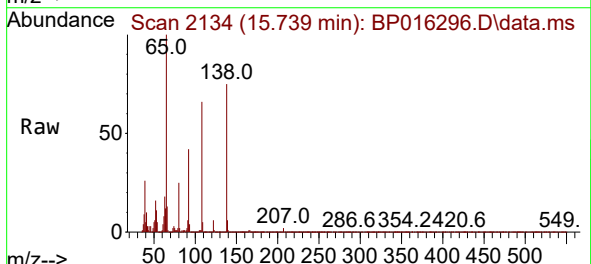
Instrument :
BNA_M
ClientSampleId :

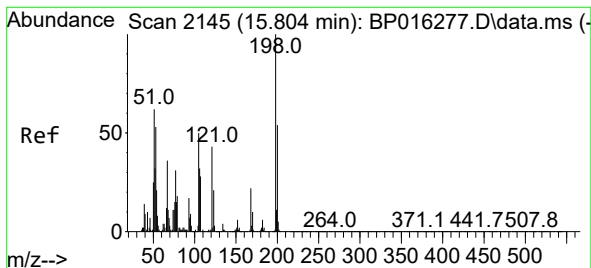
Tgt Ion:204 Resp: 546041
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.2
141 59.7 48.2 72.2



#63
4-Nitroaniline
Concen: 24.584 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. -0.023 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:138 Resp: 209046
Ion Ratio Lower Upper
138 100
92 55.9 46.6 70.0
108 87.8 68.3 102.5

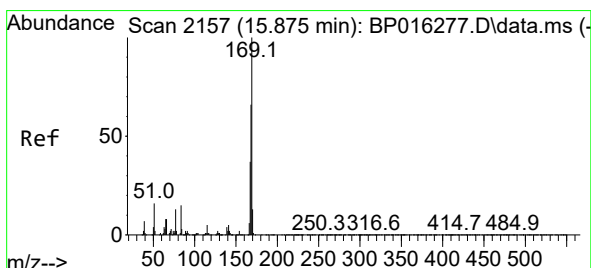
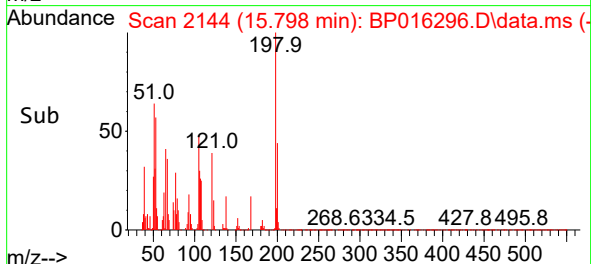
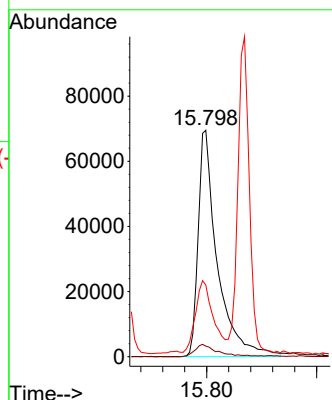
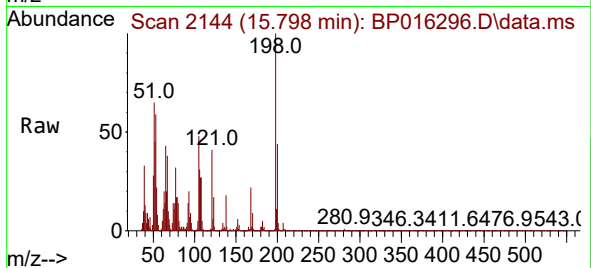




#66
4,6-Dinitro-2-methylphenol
Concen: 17.037 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

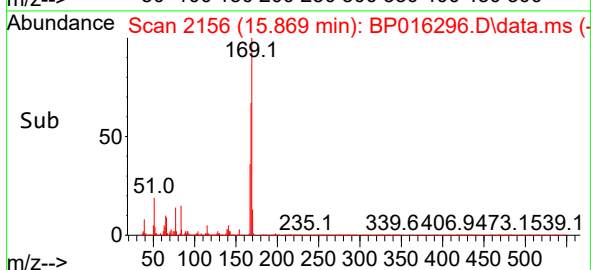
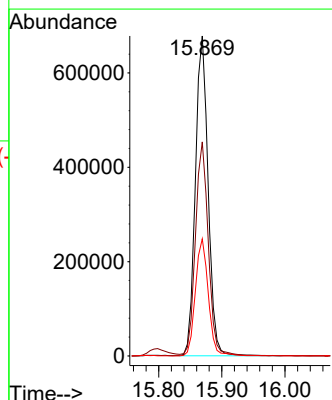
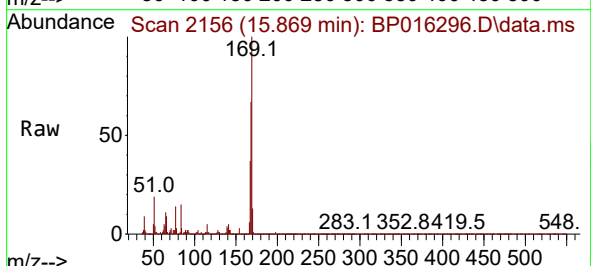
Instrument :
BNA_M
ClientSampleId :

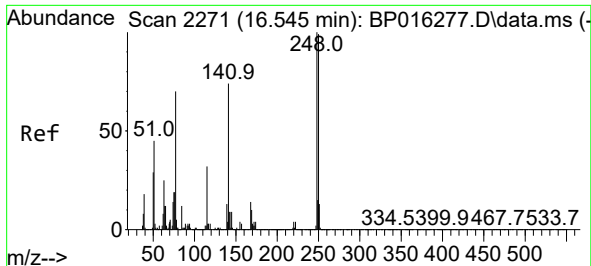
Tgt Ion:198 Resp: 167924
Ion Ratio Lower Upper
198 100
182 4.7 4.3 6.5
77 31.6 26.3 39.5



#67
N-Nitrosodiphenylamine
Concen: 21.900 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:169 Resp: 948277
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.4
167 36.6 30.2 45.4

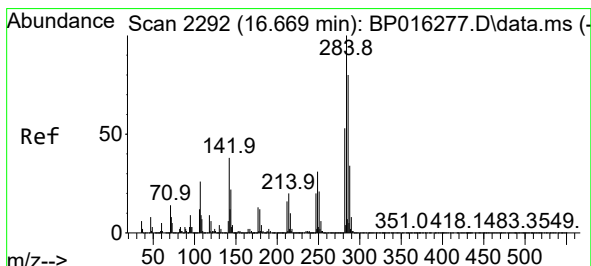
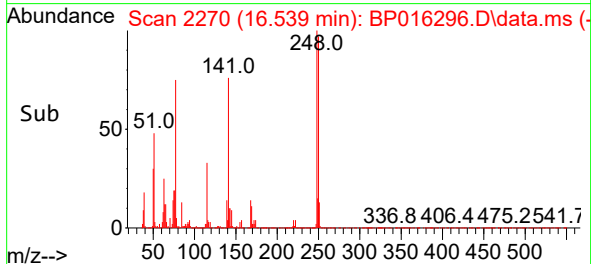
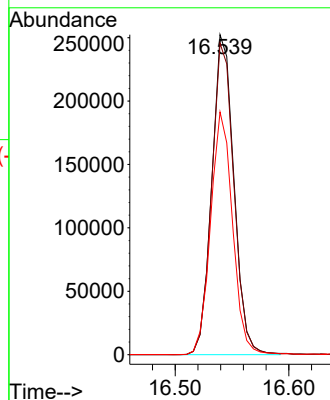
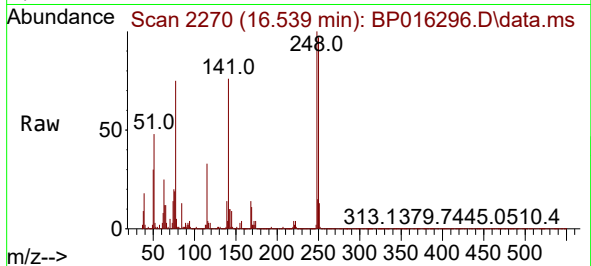




#68
4-Bromophenyl-phenylether
Concen: 21.969 ng/ul
RT: 16.539 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

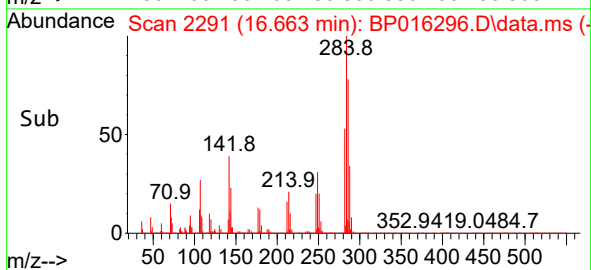
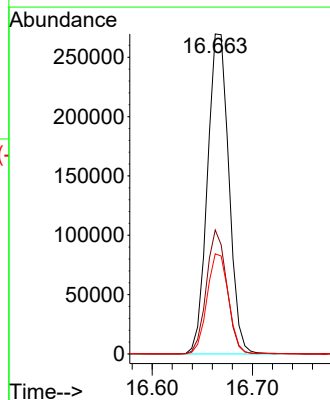
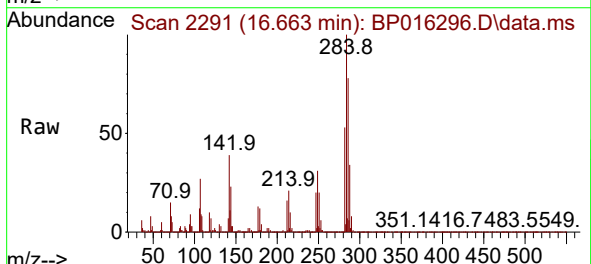
Instrument :
BNA_M
ClientSampleId :

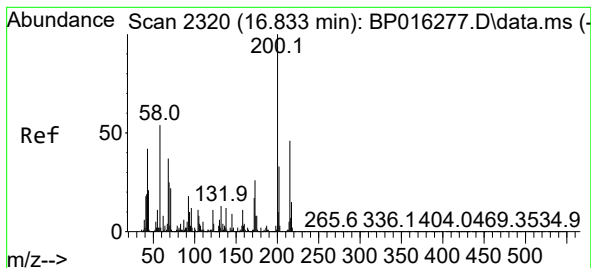
Tgt Ion:248 Resp: 341054
Ion Ratio Lower Upper
248 100
250 97.3 78.4 117.6
141 75.8 61.4 92.2



#69
Hexachlorobenzene
Concen: 21.461 ng/ul
RT: 16.663 min Scan# 2291
Delta R.T. -0.012 min
Lab File: BP016296.D
Acq: 18 Jul 2023 15:55

Tgt Ion:284 Resp: 401234
Ion Ratio Lower Upper
284 100
142 38.7 30.2 45.4
249 31.3 25.0 37.4





#70

Atrazine

Concen: 20.610 ng/ul

RT: 16.828 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

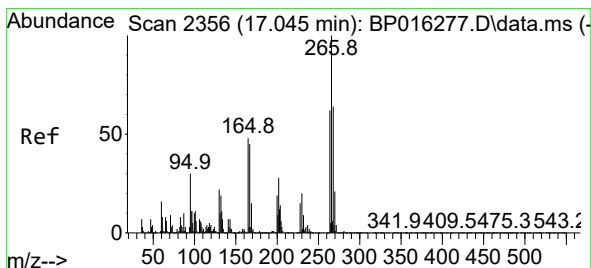
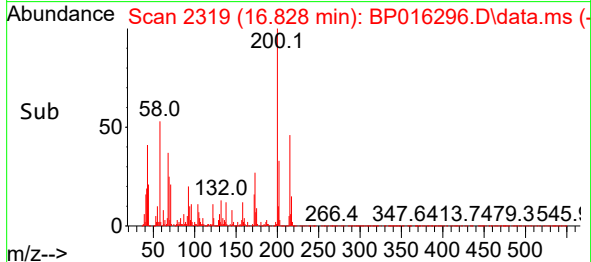
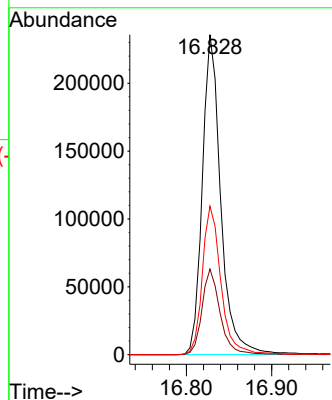
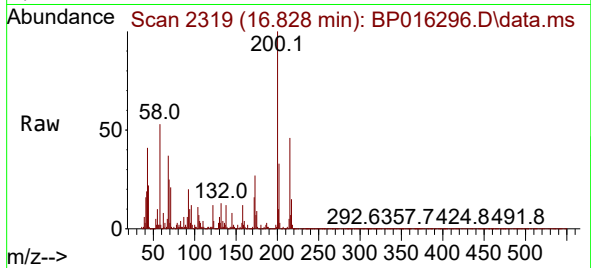
Tgt Ion:200 Resp: 353882

Ion Ratio Lower Upper

200 100

173 26.7 21.8 32.8

215 46.4 38.7 58.1



#71

Pentachlorophenol

Concen: 21.669 ng/ul

RT: 17.034 min Scan# 2354

Delta R.T. -0.018 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

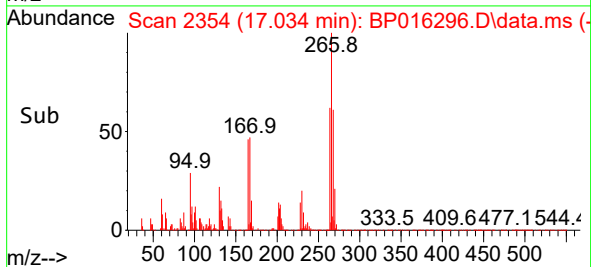
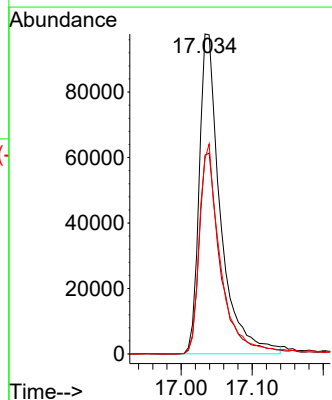
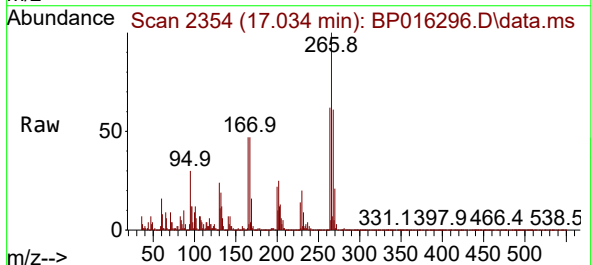
Tgt Ion:266 Resp: 203149

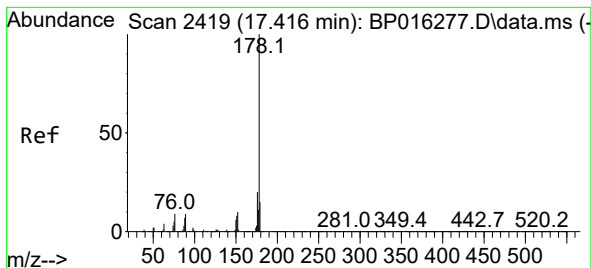
Ion Ratio Lower Upper

266 100

264 62.2 49.8 74.8

268 61.0 49.5 74.3





#72

Phenanthrene

Concen: 21.307 ng/ul

RT: 17.410 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

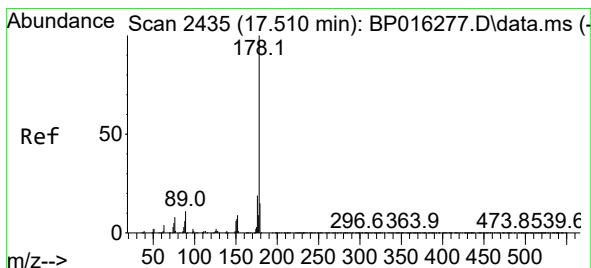
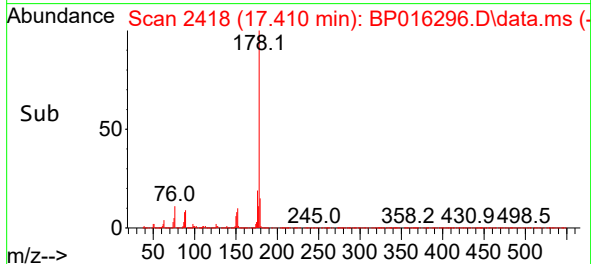
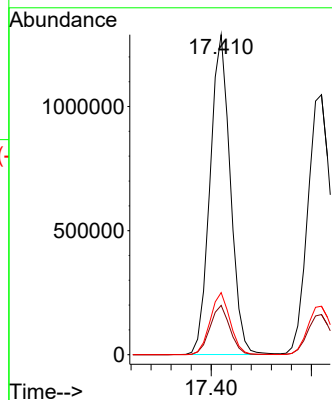
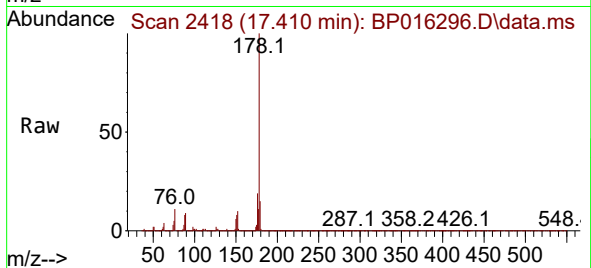
Tgt Ion:178 Resp: 1813558

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 19.4 15.6 23.4



#74

Anthracene

Concen: 21.726 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

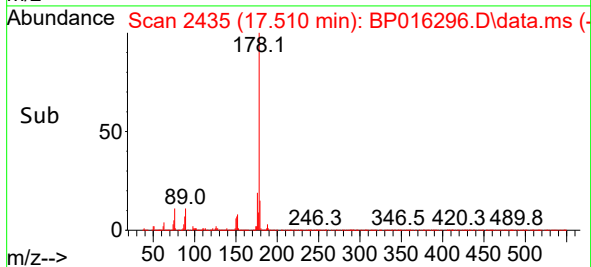
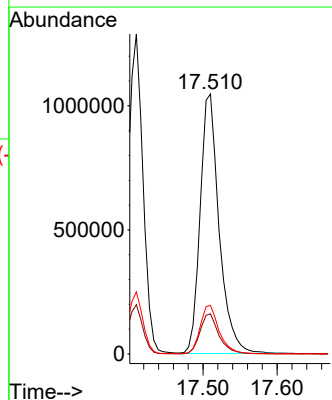
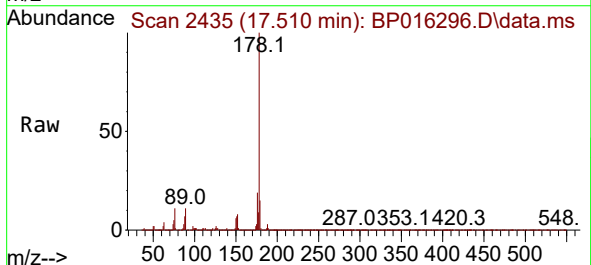
Tgt Ion:178 Resp: 1858180

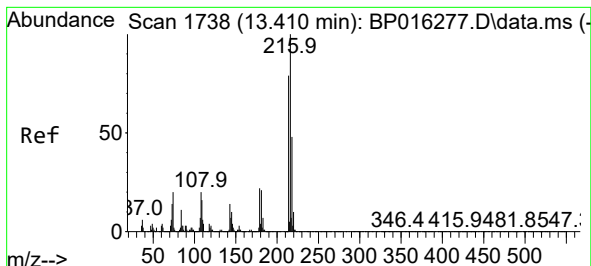
Ion Ratio Lower Upper

178 100

179 15.5 11.9 17.9

176 18.7 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 22.836 ng/uL

RT: 13.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

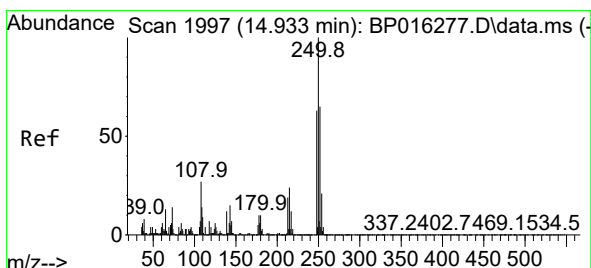
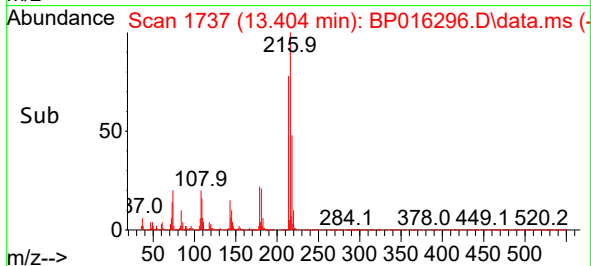
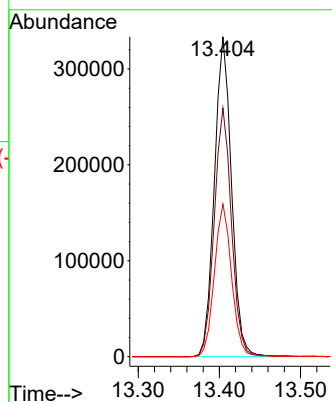
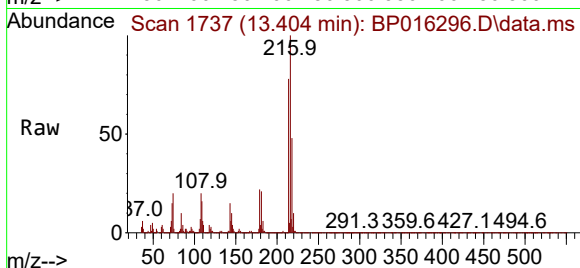
Tgt Ion:216 Resp: 489731

Ion Ratio Lower Upper

216 100

214 77.7 62.6 94.0

218 47.7 38.5 57.7



#76

Pentachlorobenzene

Concen: 20.144 ng/uL

RT: 14.928 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

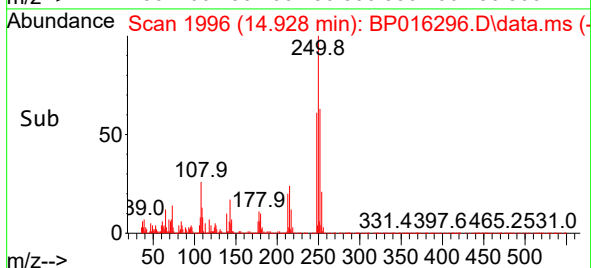
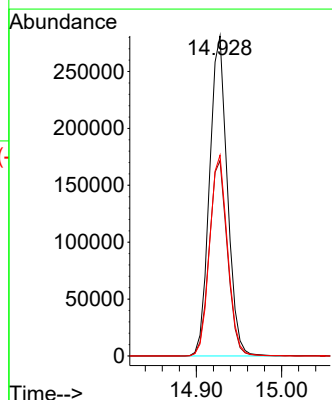
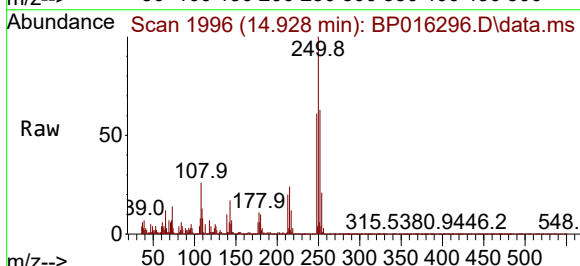
Tgt Ion:250 Resp: 407767

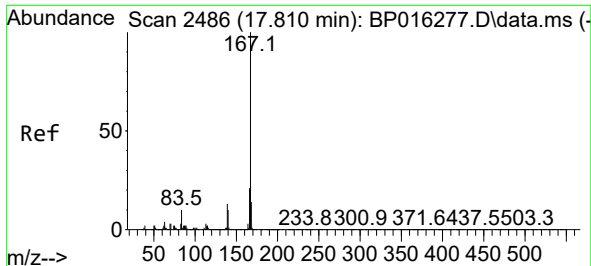
Ion Ratio Lower Upper

250 100

248 61.1 50.5 75.7

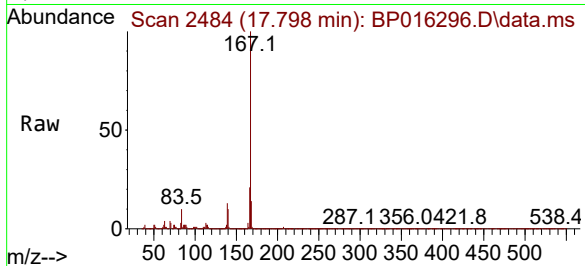
252 62.8 51.7 77.5



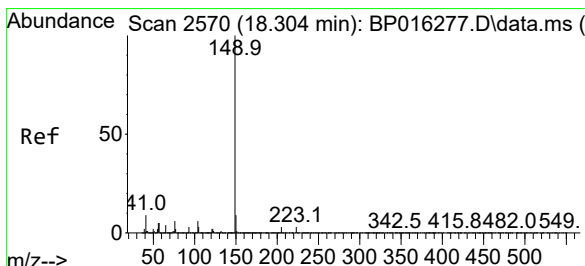
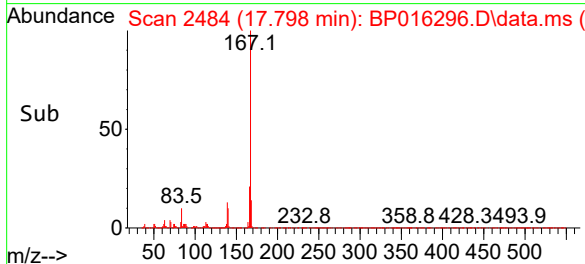
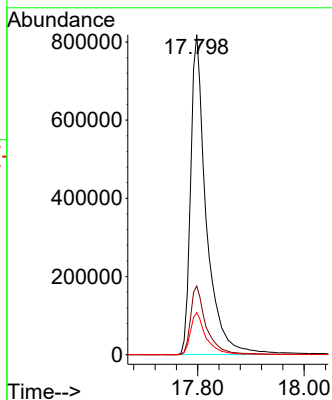


#77
 Carbazole
 Concen: 21.373 ng/ul
 RT: 17.798 min Scan# 2484
 Delta R.T. -0.012 min
 Lab File: BP016296.D
 Acq: 18 Jul 2023 15:55

Instrument :
 BNA_M
 ClientSampleId :

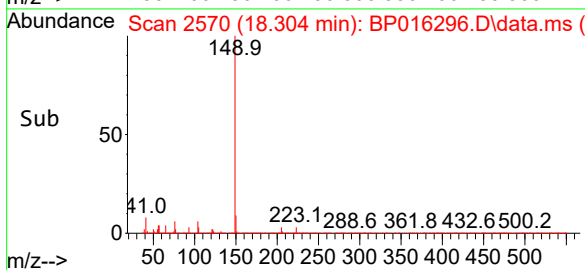
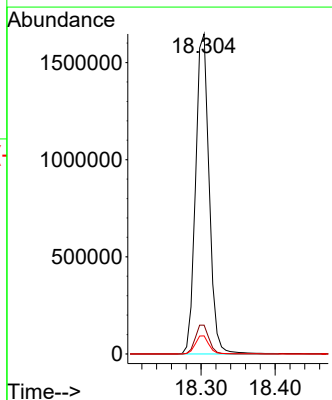
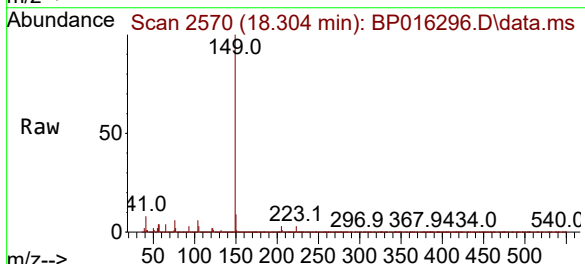


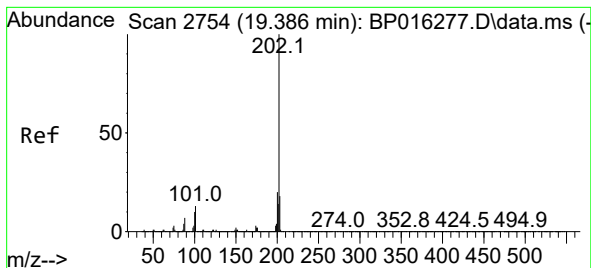
Tgt Ion:167 Resp: 1666721
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.8 25.2
 139 13.2 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 21.407 ng/ul
 RT: 18.304 min Scan# 2570
 Delta R.T. -0.006 min
 Lab File: BP016296.D
 Acq: 18 Jul 2023 15:55

Tgt Ion:149 Resp: 2091147
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.6 4.6 7.0





#80

Fluoranthene

Concen: 22.660 ng/ul

RT: 19.380 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

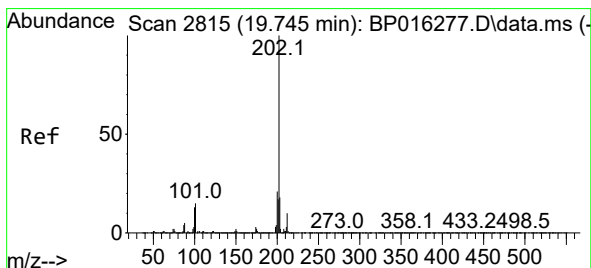
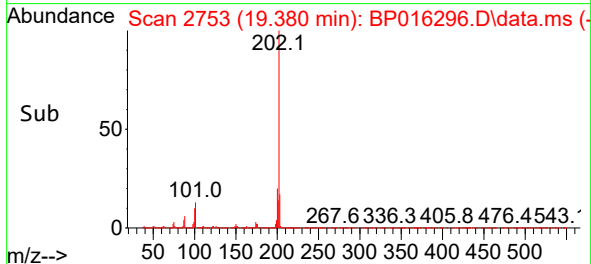
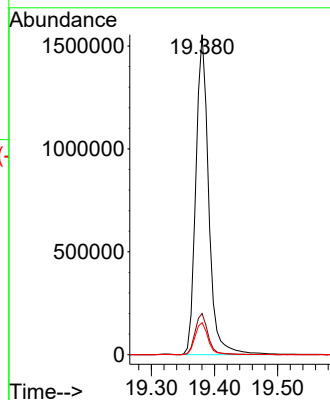
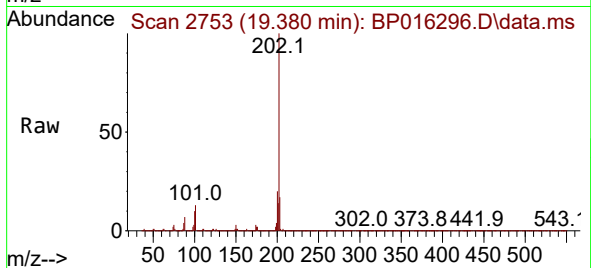
Tgt Ion:202 Resp: 2193604

Ion Ratio Lower Upper

202 100

101 12.8 10.4 15.6

100 10.0 8.2 12.4



#82

Pyrene

Concen: 22.183 ng/ul

RT: 19.739 min Scan# 2814

Delta R.T. -0.006 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

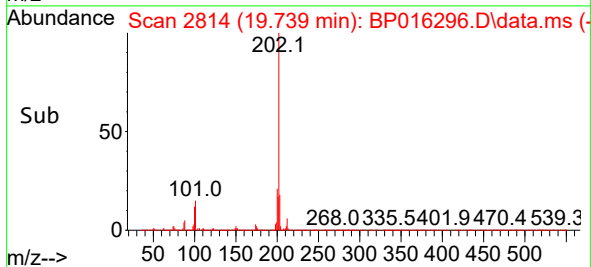
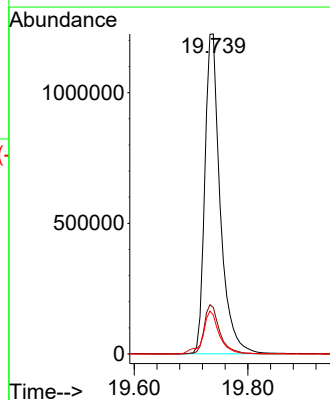
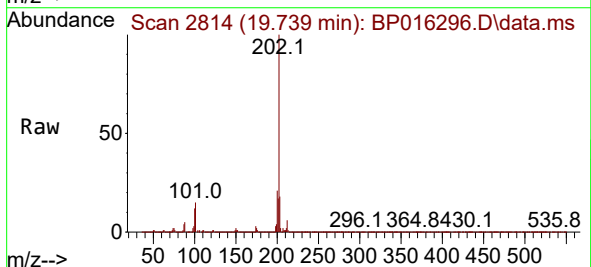
Tgt Ion:202 Resp: 2292673

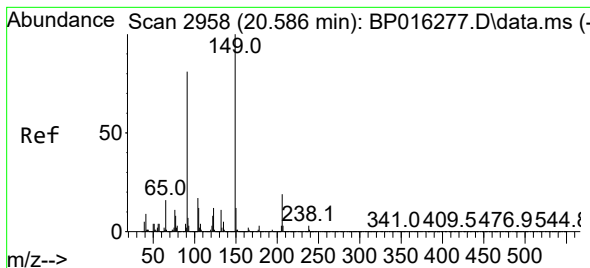
Ion Ratio Lower Upper

202 100

101 14.6 12.4 18.6

100 12.2 10.5 15.7





#83

Butylbenzylphthalate

Concen: 22.812 ng/ul

RT: 20.580 min Scan# 2958

Delta R.T. -0.006 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

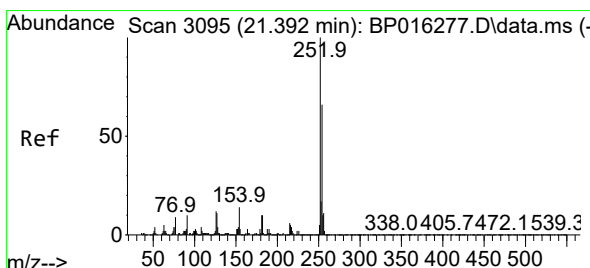
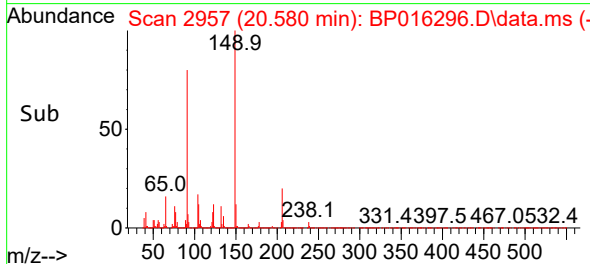
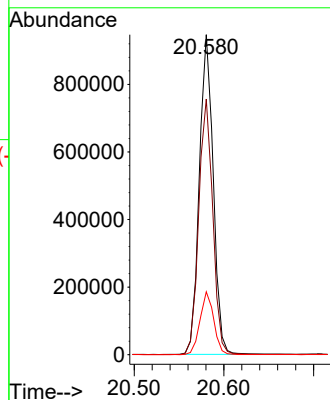
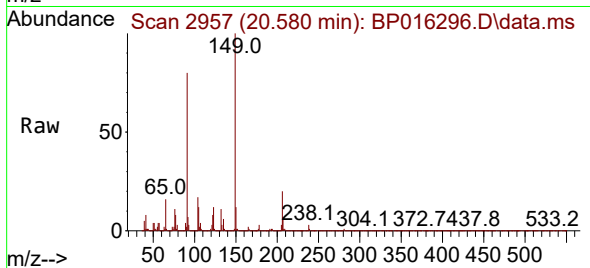
Tgt Ion:149 Resp: 1016812

Ion Ratio Lower Upper

149 100

91 79.9 67.1 100.7

206 19.6 15.0 22.4



#84

3,3'-Dichlorobenzidine

Concen: 17.756 ng/ul

RT: 21.380 min Scan# 3093

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

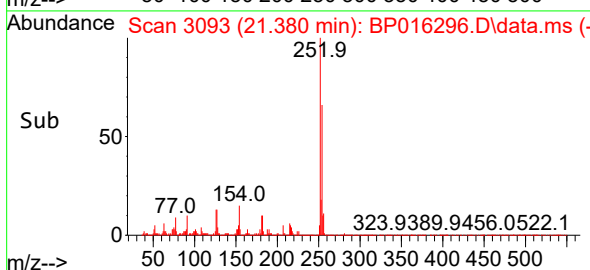
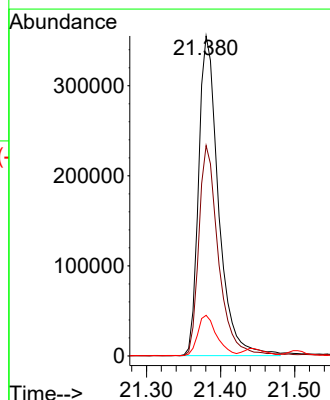
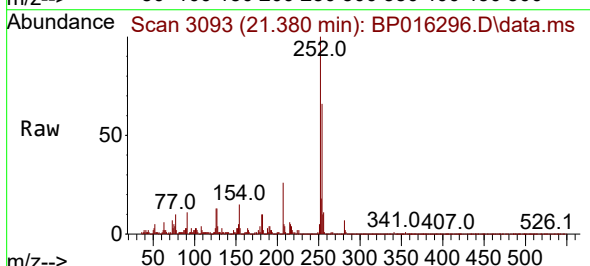
Tgt Ion:252 Resp: 661862

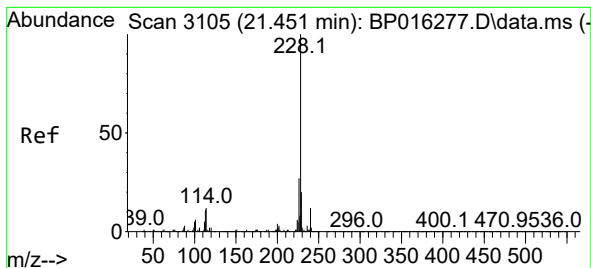
Ion Ratio Lower Upper

252 100

254 65.8 50.6 76.0

126 12.7 9.4 14.0





#85

Benzo(a)anthracene

Concen: 21.829 ng/ul

RT: 21.445 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

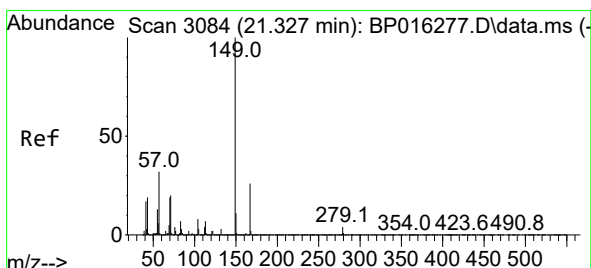
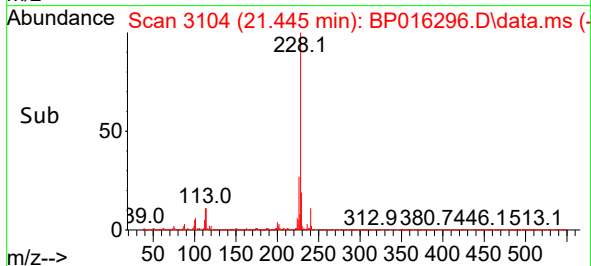
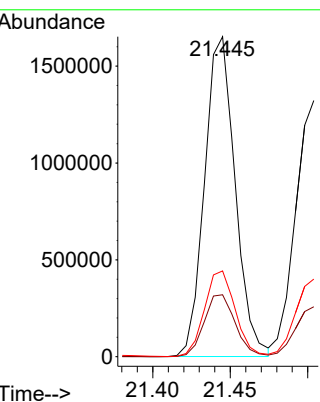
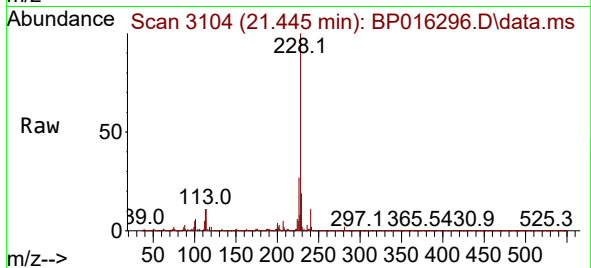
Tgt Ion:228 Resp: 2267735

Ion Ratio Lower Upper

228 100

229 19.3 15.5 23.3

226 26.8 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.659 ng/ul

RT: 21.327 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

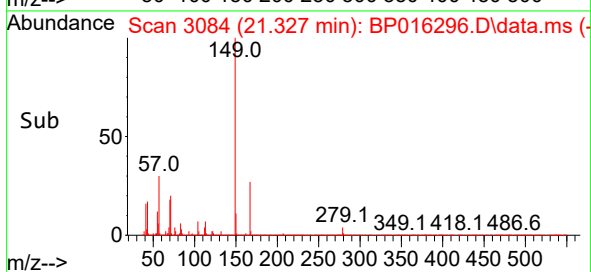
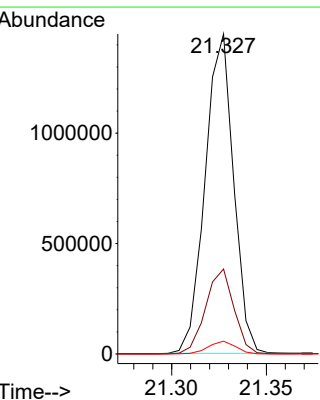
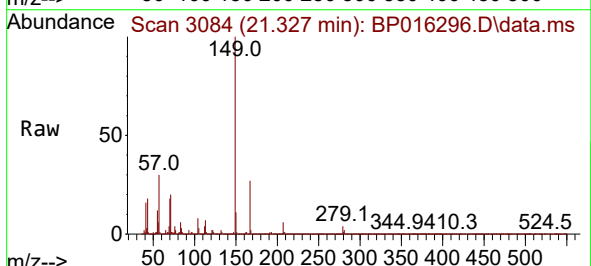
Tgt Ion:149 Resp: 1508773

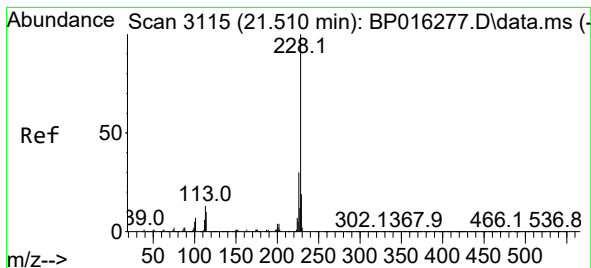
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

279 4.0 3.0 4.6





#87

Chrysene

Concen: 20.692 ng/ul

RT: 21.504 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

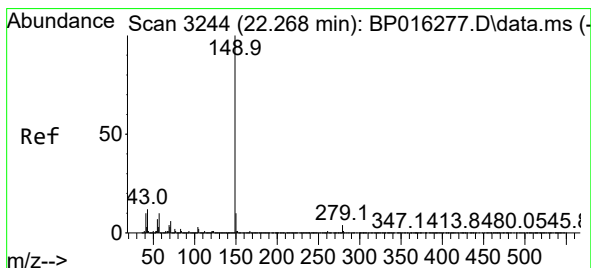
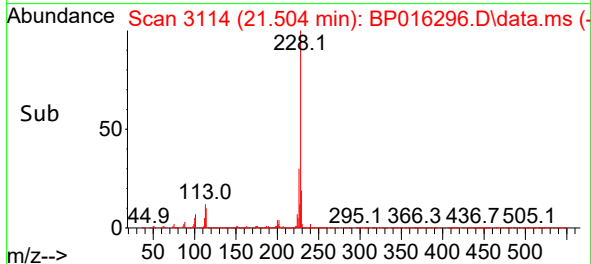
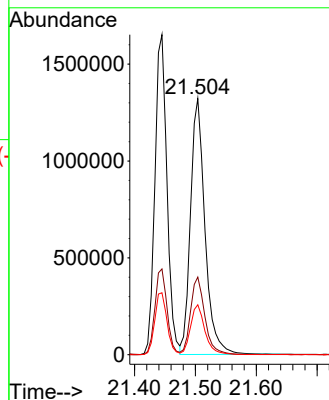
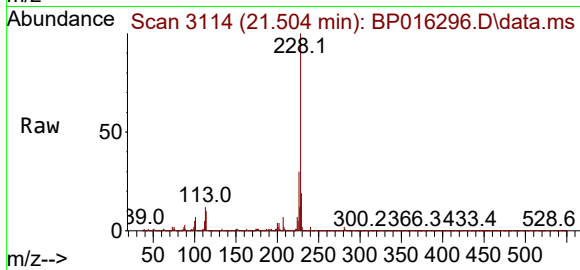
Tgt Ion:228 Resp: 2177707

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.5 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 23.729 ng/ul

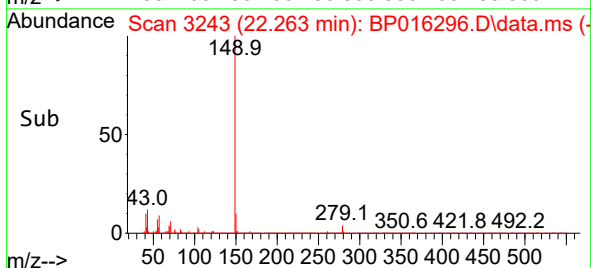
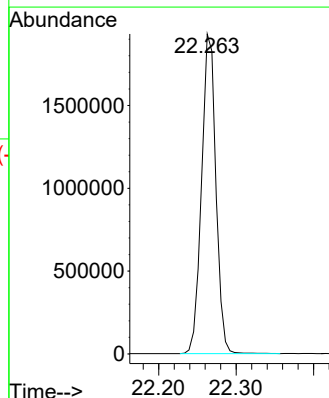
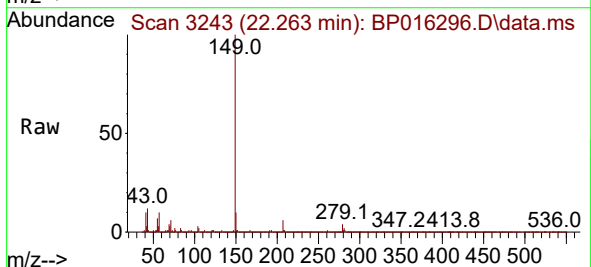
RT: 22.263 min Scan# 3243

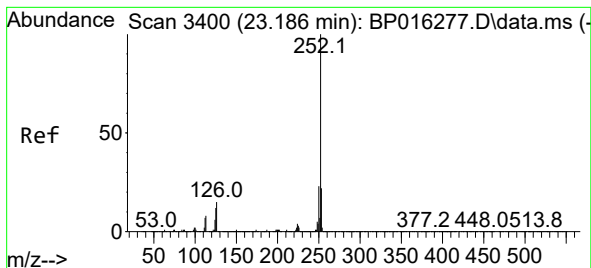
Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Tgt Ion:149 Resp: 2475714





#90

Benzo(b)fluoranthene

Concen: 20.326 ng/ul

RT: 23.180 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

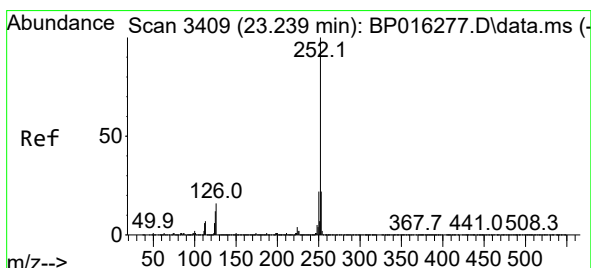
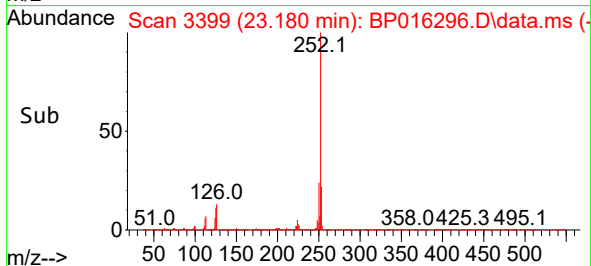
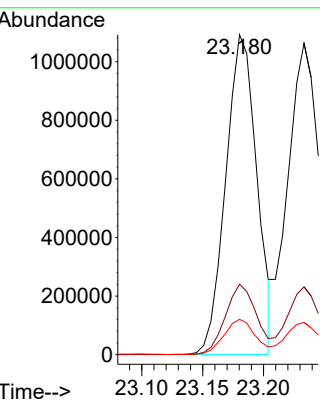
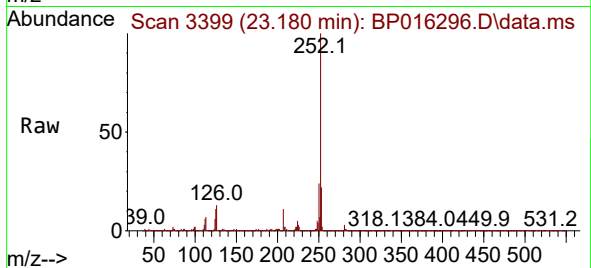
Tgt Ion:252 Resp: 1933918

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.0 9.4 14.0



#91

Benzo(k)fluoranthene

Concen: 21.078 ng/ul

RT: 23.233 min Scan# 3408

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

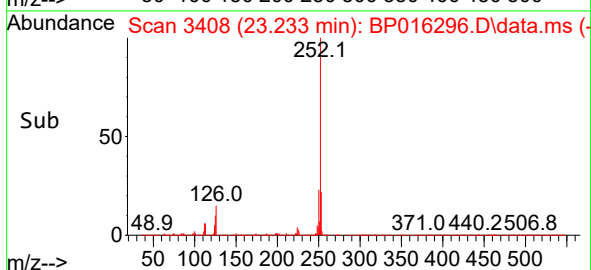
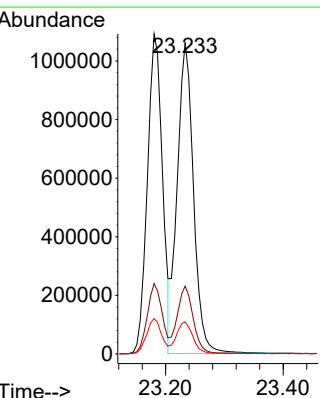
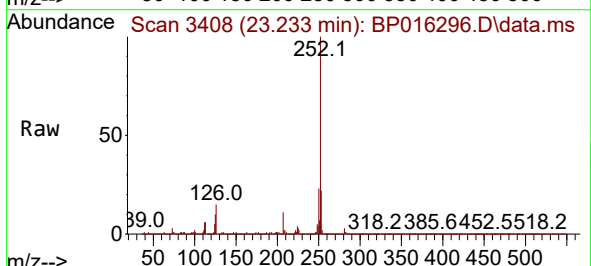
Tgt Ion:252 Resp: 2040819

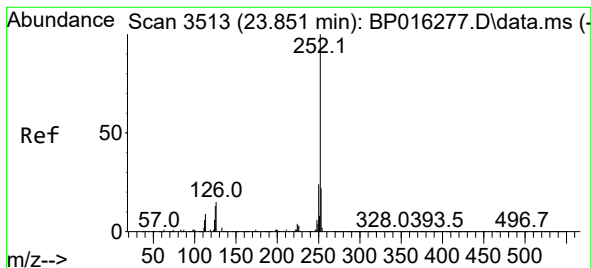
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.3 9.3 13.9





#93

Benzo(a)pyrene

Concen: 21.169 ng/ul

RT: 23.839 min Scan# 3511

Delta R.T. -0.012 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

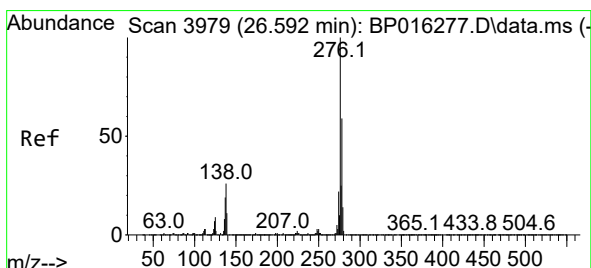
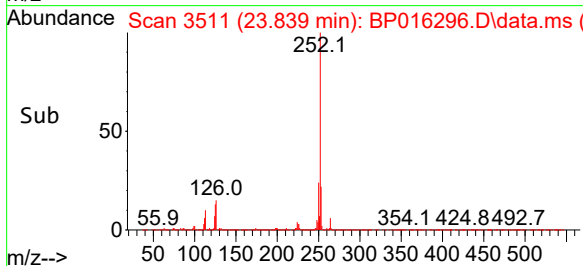
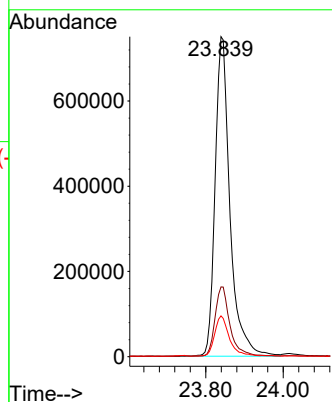
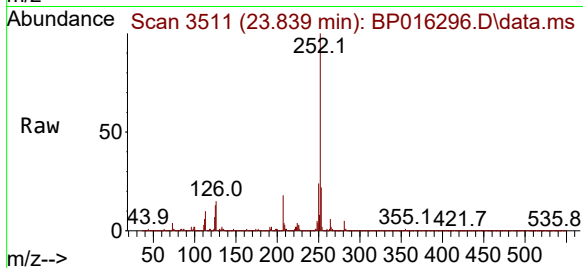
Tgt Ion:252 Resp: 1995220

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 12.8 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.441 ng/ul

RT: 26.580 min Scan# 3977

Delta R.T. -0.018 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

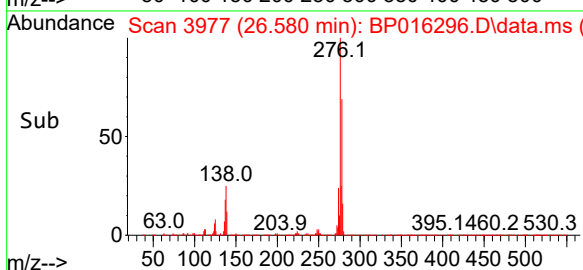
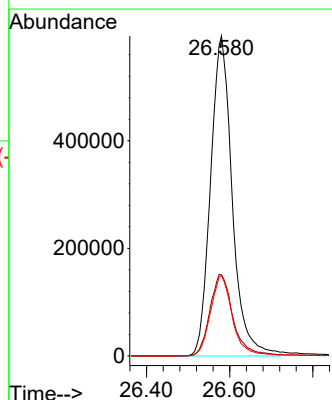
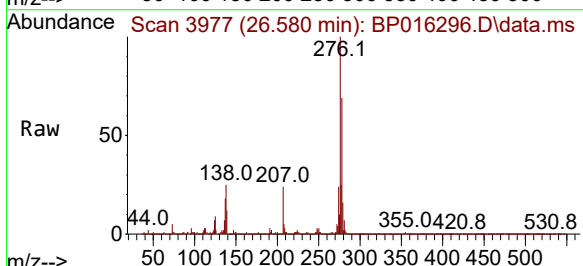
Tgt Ion:276 Resp: 2152287

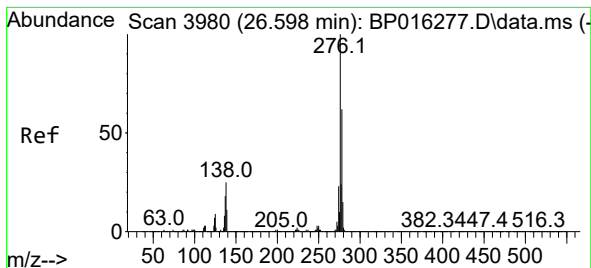
Ion Ratio Lower Upper

276 100

138 25.4 20.8 31.2

277 25.1 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 18.845 ng/ul

RT: 26.580 min Scan# 3980

Delta R.T. -0.018 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Instrument :

BNA_M

ClientSampleId :

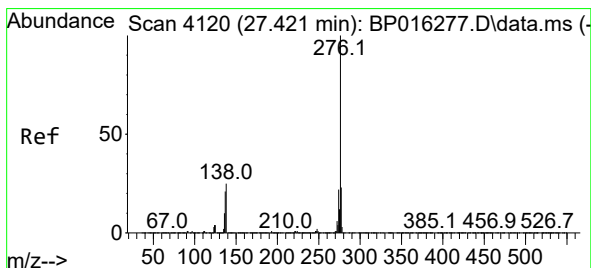
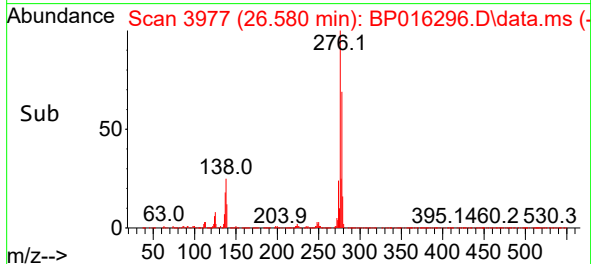
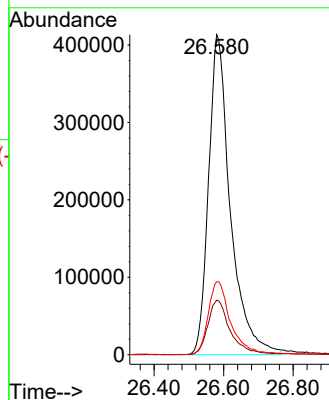
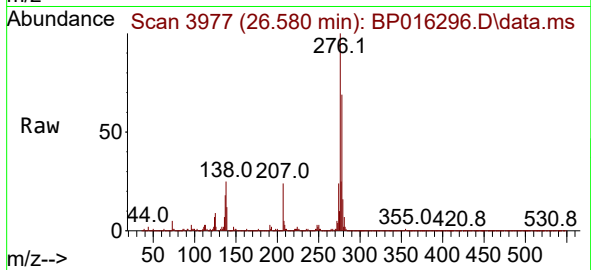
Tgt Ion:278 Resp: 1794096

Ion Ratio Lower Upper

278 100

139 17.1 13.9 20.9

279 22.8 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 16.338 ng/ul

RT: 27.404 min Scan# 4117

Delta R.T. -0.023 min

Lab File: BP016296.D

Acq: 18 Jul 2023 15:55

Tgt Ion:276 Resp: 1522041

Ion Ratio Lower Upper

276 100

138 22.4 19.0 28.4

277 23.8 19.0 28.4

