

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017898.D
 Acq On : 02 Nov 2023 21:44
 Operator : MA/JU
 Sample : 05060-17
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKH3MSD

Quant Time: Nov 02 23:40:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	140873	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.704	136	529650	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.575	164	299197	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	595555	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	474428	20.000	ng/u1	0.00
88) Perylene-d12	24.074	264	518478	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	7708	2.035	ng/uL	0.01
4) Pyridine-d5	3.687	84	673	0.068	ng/u1	0.00
7) Phenol-d5	7.046	99	150450	12.834	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	97970	13.532	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.399	132	126424	13.223	ng/u1	-0.01
15) 4-Methylphenol-d8	8.605	113	99136	10.769	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	61158	14.250	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.799	143	70028	14.768	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.328	165	124971	13.435	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.887	131	95296	7.828	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	357548	14.235	ng/u1	-0.01
49) Acenaphthylene-d8	14.275	160	392819	14.024	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	39381	11.004	ng/u1	0.00
60) Fluorene-d10	15.581	176	304302	14.016	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.734	200	31272	7.972	ng/u1	0.00
73) Anthracene-d10	17.469	188	453148	14.889	ng/u1	0.00
81) Pyrene-d10	19.733	212	497202	16.716	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.910	264	431389	14.938	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	23026	5.733	ng/uL#	93
6) Benzaldehyde	7.046	77	131405	20.837	ng/u1	92
8) Phenol	7.069	94	209824	18.153	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.322	93	164706	17.080	ng/u1	97
12) 2-Chlorophenol	7.434	128	166031	17.289	ng/u1	99
13) 2-Methylphenol	8.334	108	122558	14.050	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.387	45	127263	10.722	ng/u1	99
16) Acetophenone	8.734	105	328144	22.673	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.699	70	119689	17.435	ng/u1	96
18) 4-Methylphenol	8.669	108	140711	15.190	ng/u1	99
19) Hexachloroethane	8.934	117	79128	17.933	ng/u1	84
22) Nitrobenzene	9.128	77	207518	19.419	ng/u1	98
23) Isophorone	9.640	82	370228	19.374	ng/u1	97
25) 2-Nitrophenol	9.834	139	91261	18.030	ng/u1#	84
26) 2,4-Dimethylphenol	9.875	107	46807	4.712	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.128	93	208121	17.609	ng/u1	97
29) 2,4-Dichlorophenol	10.357	162	155988	17.537	ng/u1	96
30) Naphthalene	10.757	128	529863	17.384	ng/u1	99
32) 4-Chloroaniline	10.910	127	139181	11.940	ng/u1	98
33) Hexachlorobutadiene	10.975	225	119221	16.507	ng/u1	100
34) Caprolactam	11.740	113	44293	19.339	ng/u1	98
35) 4-Chloro-3-methylphenol	12.022	107	160360	19.149	ng/u1	87
36) 2-Methylnaphthalene	12.375	142	357365	17.357	ng/u1	99
37) 1-Methylnaphthalene	12.598	142	352684	16.750	ng/u1	97

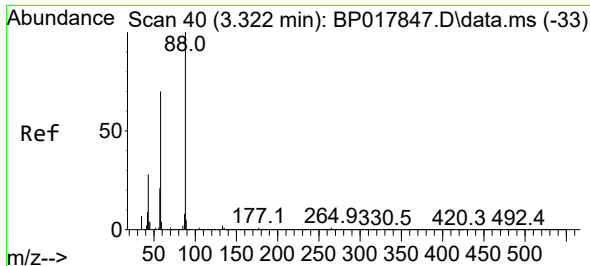
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.728	216	198052	17.889	ng/ul#	97
40) Hexachlorocyclopentadiene	12.669	237	24203	3.805	ng/ul	94
41) 2,4,6-Trichlorophenol	12.998	196	122320	18.410	ng/ul	96
42) 2,4,5-Trichlorophenol	13.075	196	131782	19.184	ng/ul	96
43) 1,1'-Biphenyl	13.398	154	458922	18.618	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	369859	18.561	ng/ul	96
45) 2-Nitroaniline	13.698	65	111664	24.660	ng/ul	96
47) Dimethylphthalate	14.040	163	459849	18.577	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	93443	20.509	ng/ul#	89
50) Acenaphthylene	14.304	152	586970	18.708	ng/ul	99
51) 3-Nitroaniline	14.540	138	75482	17.419	ng/ul	95
52) Acenaphthene	14.640	153	395820	18.662	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	20837	8.147	ng/ul	86
55) 4-Nitrophenol	14.845	109	73097	19.295	ng/ul	89
56) Dibenzofuran	14.981	168	536999	18.033	ng/ul	89
57) 2,4-Dinitrotoluene	14.987	165	136844	20.350	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.204	232	108408	17.784	ng/ul#	86
59) Diethylphthalate	15.404	149	481688	20.154	ng/ul	97
61) Fluorene	15.639	166	449083	18.359	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.628	204	227820	17.522	ng/ul	91
63) 4-Nitroaniline	15.716	138	74757	19.127	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.751	198	46645	11.101	ng/ul	92
67) N-Nitrosodiphenylamine	15.863	169	367631	20.376	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	133236	19.120	ng/ul#	89
69) Hexachlorobenzene	16.622	284	144643	18.081	ng/ul	92
70) Atrazine	16.828	200	138582	20.898	ng/ul	100
71) Pentachlorophenol	16.998	266	75132	15.621	ng/ul	99
72) Phenanthrene	17.410	178	686176	19.668	ng/ul	99
74) Anthracene	17.504	178	710204	20.099	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	197164	19.731	ng/uL	100
76) Pentachlorobenzene	14.869	250	182967	18.892	ng/uL	99
77) Carbazole	17.798	167	606565	20.311	ng/ul	98
78) Di-n-butylphthalate	18.310	149	805192	23.224	ng/ul	99
80) Fluoranthene	19.398	202	786954	23.028	ng/ul	100
82) Pyrene	19.757	202	798088	22.043	ng/ul	98
83) Butylbenzylphthalate	20.633	149	348603	27.994	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	114377	10.671	ng/ul#	99
85) Benzo(a)anthracene	21.498	228	746981	20.711	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	496458	28.559	ng/ul	99
87) Chrysene	21.557	228	703062	20.614	ng/ul	98
89) Di-n-octyl phthalate	22.357	149	832655	25.354	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	729188	20.665	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	713424	19.949	ng/ul	97
93) Benzo(a)pyrene	23.963	252	660511	19.939	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.804	276	801702	20.306	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	649448	19.715	ng/ul	98
96) Benzo(g,h,i)perylene	27.656	276	633655	19.920	ng/ul	99

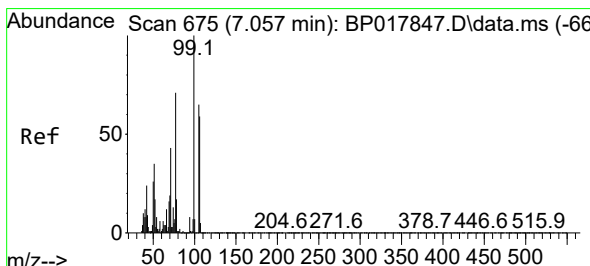
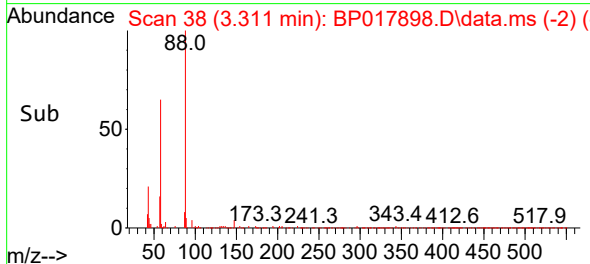
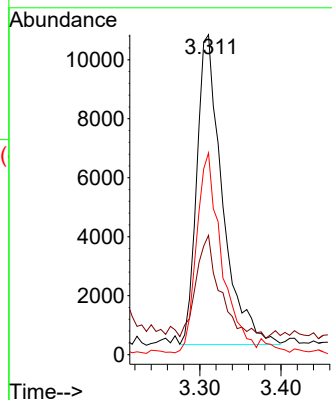
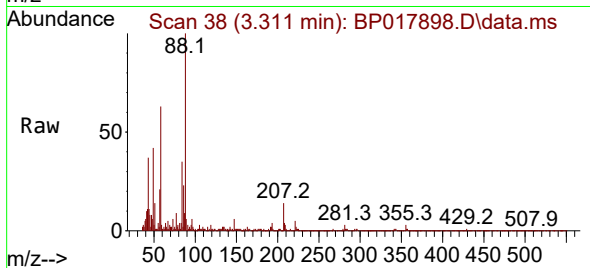
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#2
1,4-Dioxane
Concen: 5.733 ng/uL
RT: 3.311 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP017898.D
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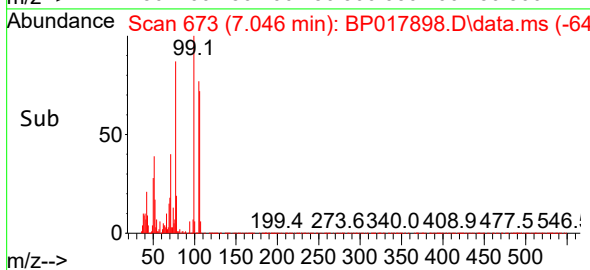
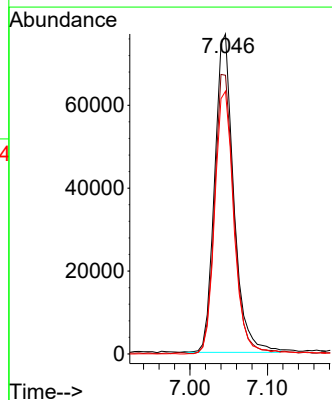
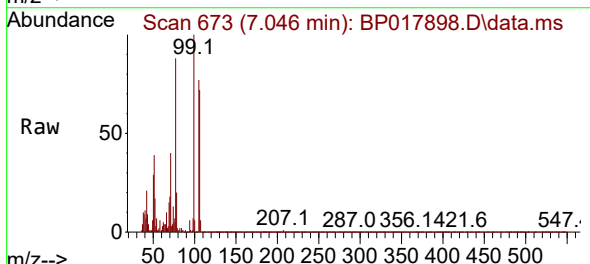
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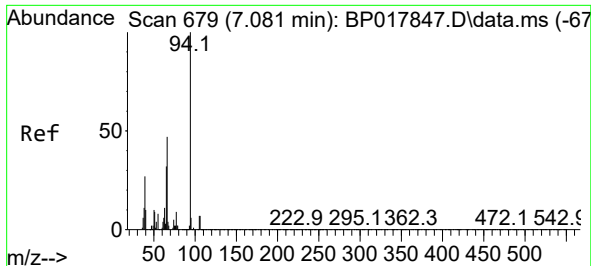
Tgt Ion: 88 Resp: 23026
Ion Ratio Lower Upper
88 100
43 37.3 24.4 36.6#
58 63.0 53.0 79.6



#6
Benzaldehyde
Concen: 20.837 ng/uL
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion: 77 Resp: 131405
Ion Ratio Lower Upper
77 100
105 87.1 75.4 113.2
106 82.1 72.3 108.5

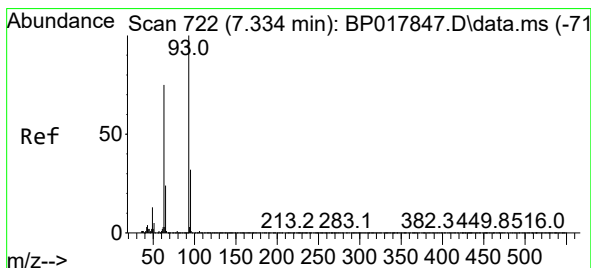
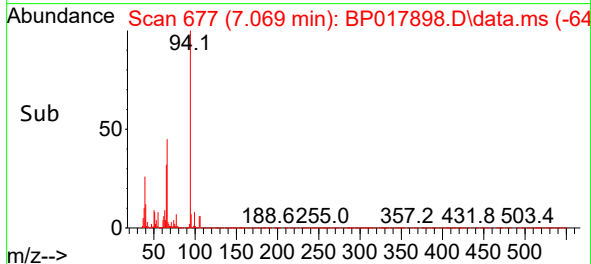
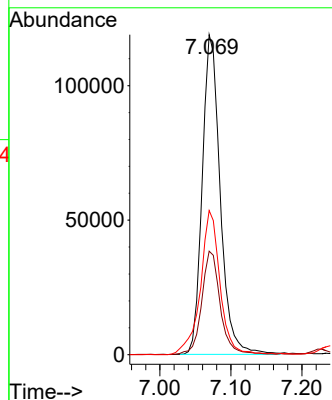
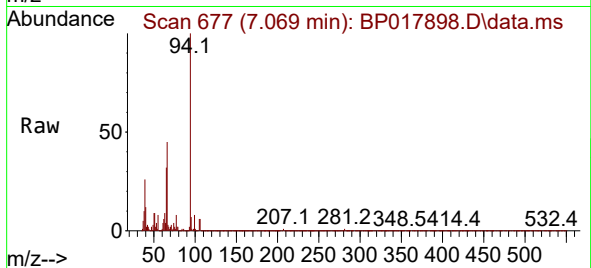




#8
Phenol
Concen: 18.153 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

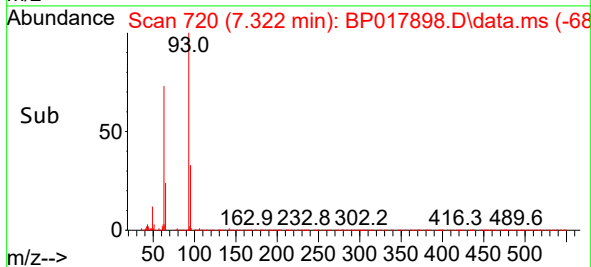
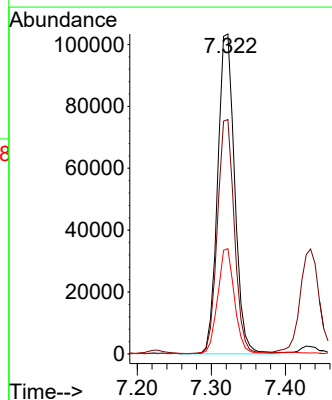
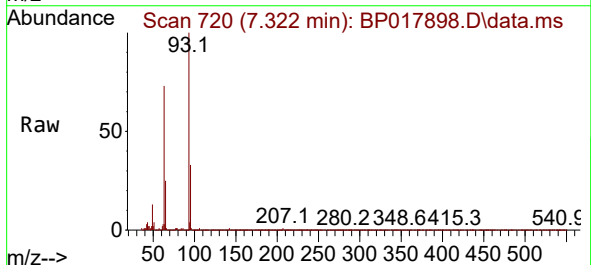
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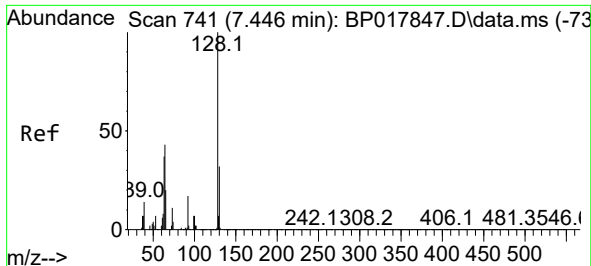
Tgt Ion: 94 Resp: 209824
Ion Ratio Lower Upper
94 100
65 32.4 25.0 37.4
66 45.1 33.0 49.6



#10
Bis(2-Chloroethyl)ether
Concen: 17.080 ng/ul
RT: 7.322 min Scan# 720
Delta R.T. -0.006 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion: 93 Resp: 164706
Ion Ratio Lower Upper
93 100
63 73.3 60.7 91.1
95 32.9 27.8 41.6

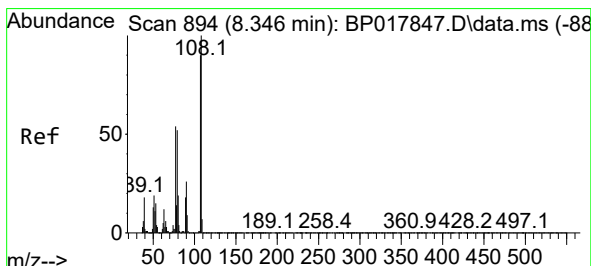
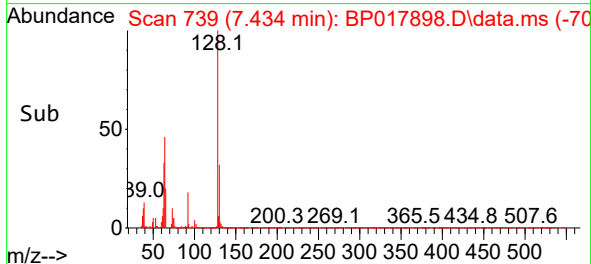
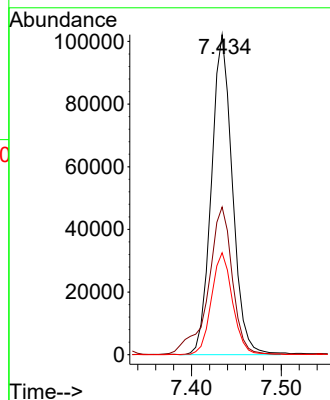
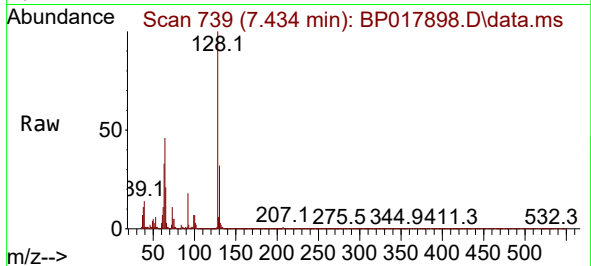




#12
2-Chlorophenol
Concen: 17.289 ng/ul
RT: 7.434 min Scan# 741
Delta R.T. -0.006 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

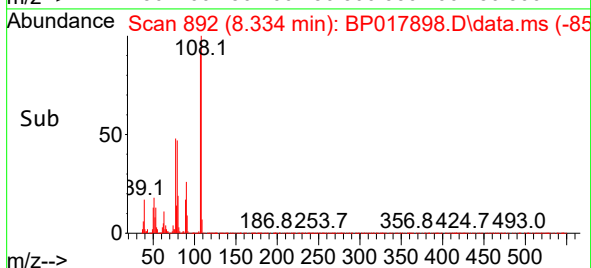
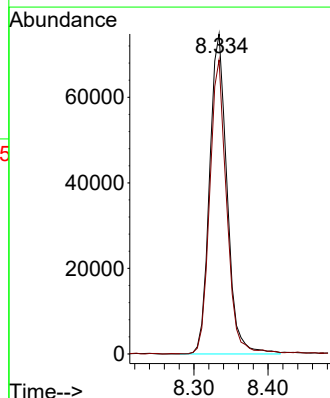
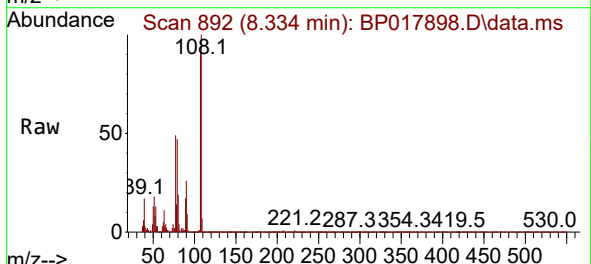
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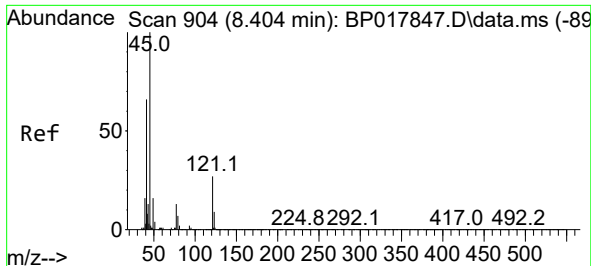
Tgt Ion:128 Resp: 166031
Ion Ratio Lower Upper
128 100
64 46.2 36.7 55.1
130 31.8 26.2 39.2



#13
2-Methylphenol
Concen: 14.050 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:108 Resp: 122558
Ion Ratio Lower Upper
108 100
107 91.9 73.4 110.2

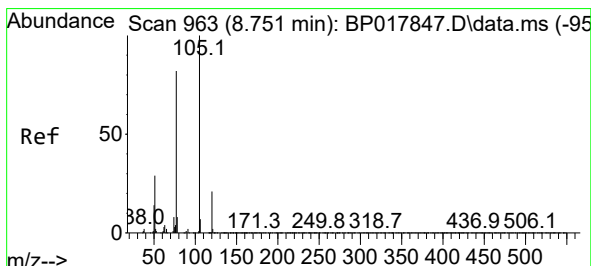
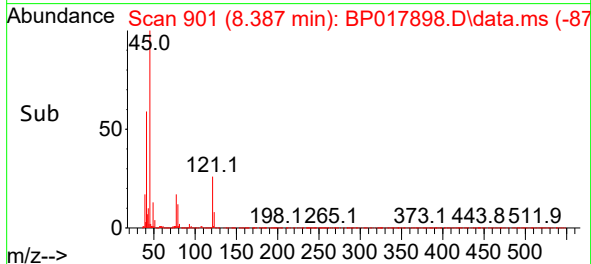
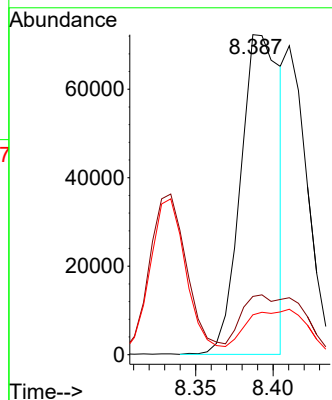
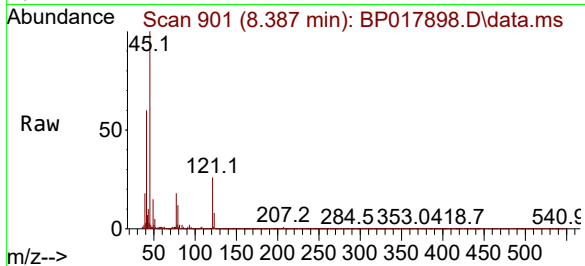




#14
2,2'-oxybis(1-Chloropropane)
Concen: 10.722 ng/ul
RT: 8.387 min Scan# 904
Delta R.T. -0.018 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

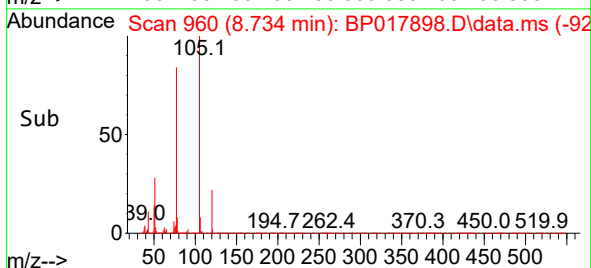
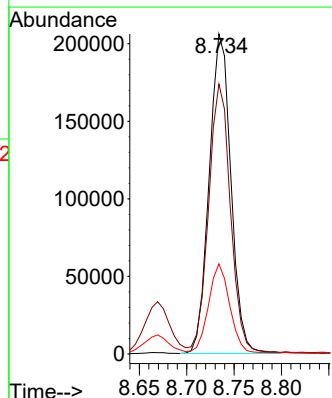
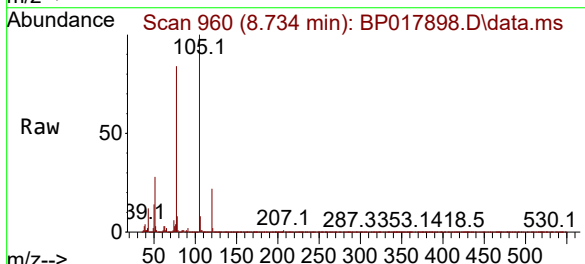
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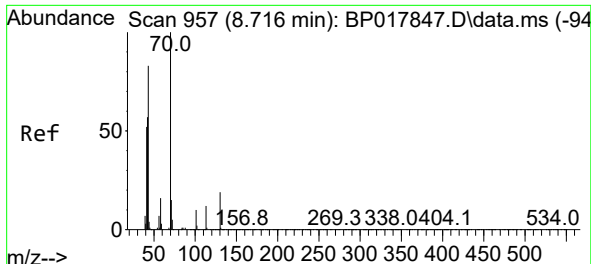
Tgt Ion: 45 Resp: 127263
Ion Ratio Lower Upper
45 100
77 18.2 14.2 21.4
79 12.4 10.3 15.5



#16
Acetophenone
Concen: 22.673 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion: 105 Resp: 328144
Ion Ratio Lower Upper
105 100
77 84.3 64.4 96.6
51 28.1 21.2 31.8





#17

N-Nitroso-di-n-propylamine

Concen: 17.435 ng/ul

RT: 8.699 min Scan# 91

Delta R.T. -0.018 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

Tgt Ion: 70 Resp: 119689

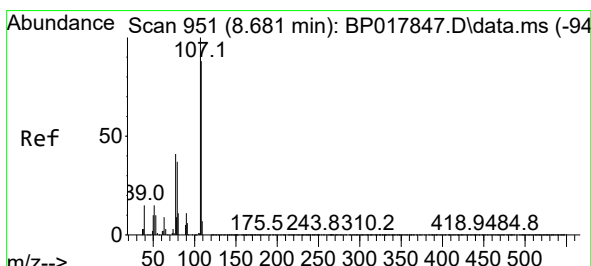
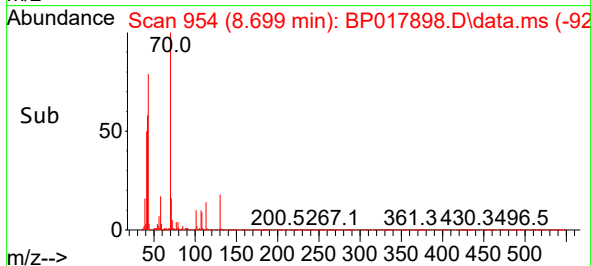
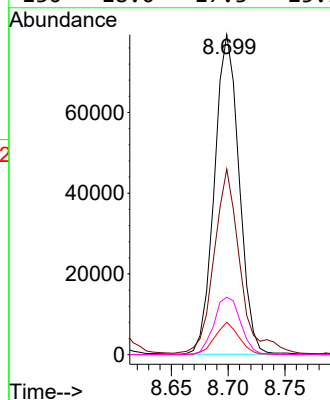
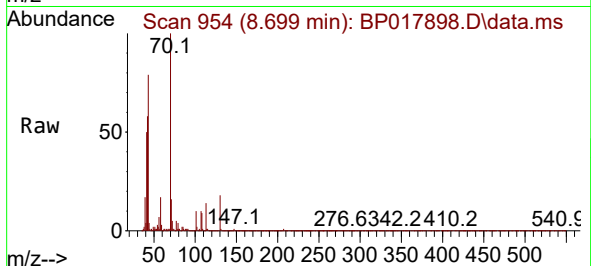
Ion Ratio Lower Upper

70 100

42 58.0 44.6 66.8

101 10.1 7.5 11.3

130 18.0 17.3 25.9



#18

4-Methylphenol

Concen: 15.190 ng/ul

RT: 8.669 min Scan# 949

Delta R.T. -0.006 min

Lab File: BP017898.D

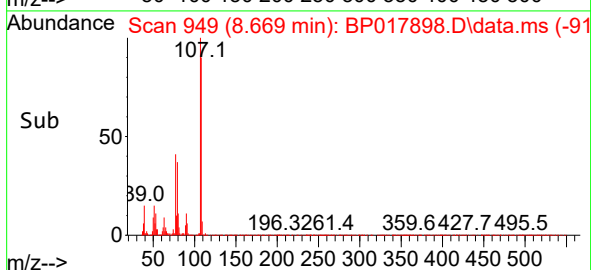
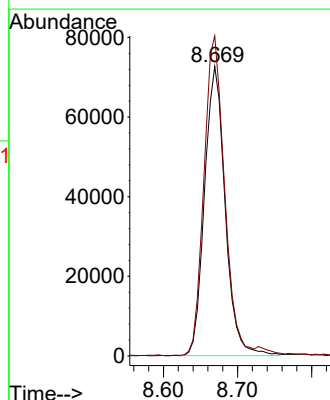
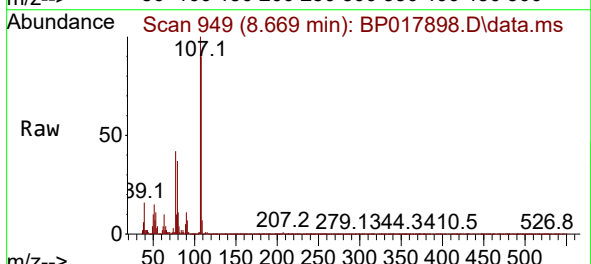
Acq: 02 Nov 2023 21:44

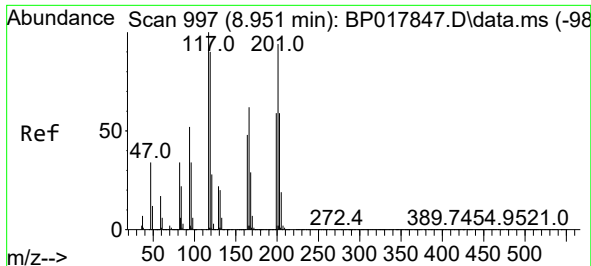
Tgt Ion:108 Resp: 140711

Ion Ratio Lower Upper

108 100

107 110.5 87.5 131.3





#19

Hexachloroethane

Concen: 17.933 ng/ul

RT: 8.934 min Scan# 997

Delta R.T. -0.018 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

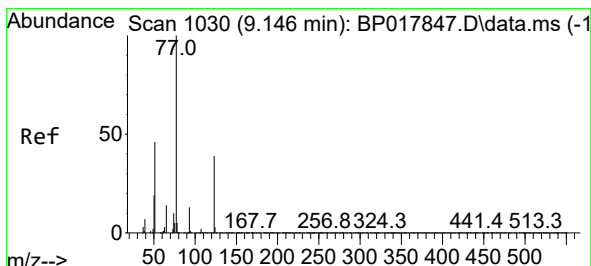
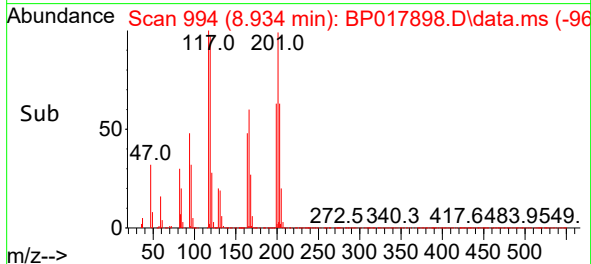
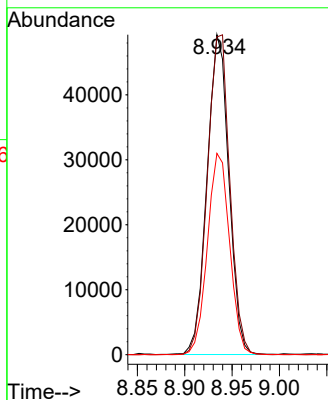
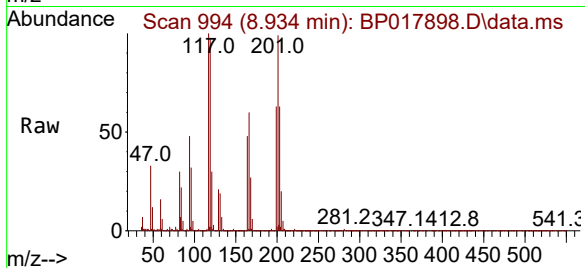
Tgt Ion:117 Resp: 79128

Ion Ratio Lower Upper

117 100

201 99.3 96.3 144.5

199 62.9 57.7 86.5



#22

Nitrobenzene

Concen: 19.419 ng/ul

RT: 9.128 min Scan# 1027

Delta R.T. -0.012 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

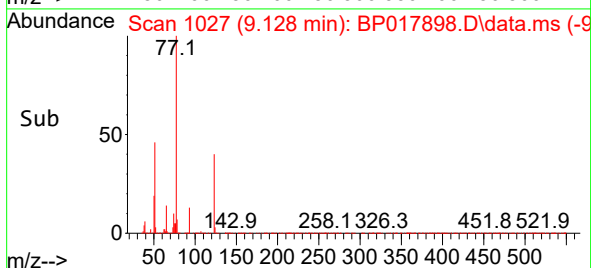
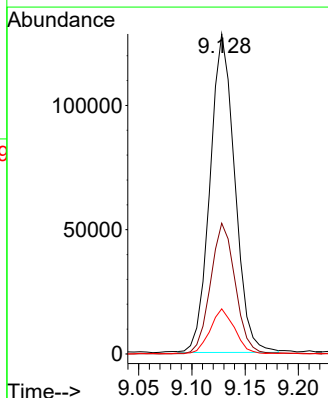
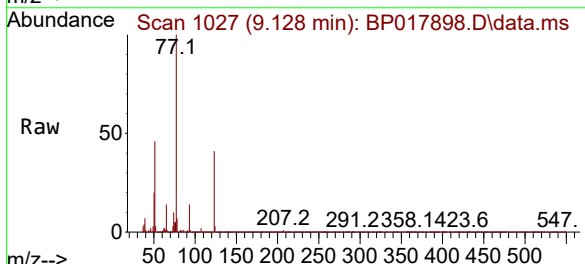
Tgt Ion: 77 Resp: 207518

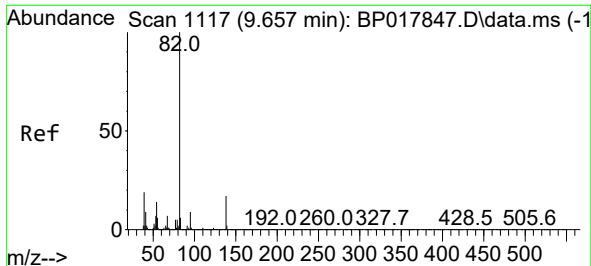
Ion Ratio Lower Upper

77 100

123 40.9 33.5 50.3

65 14.1 10.8 16.2

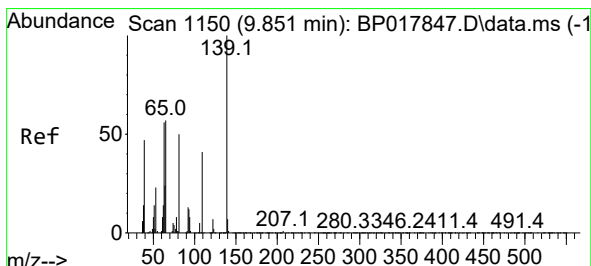
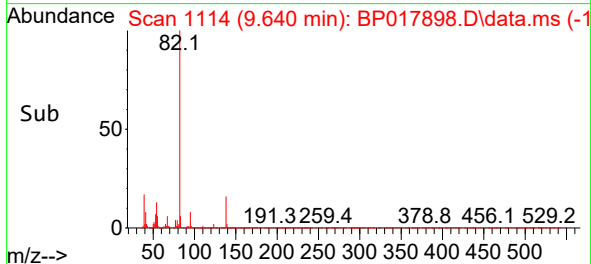
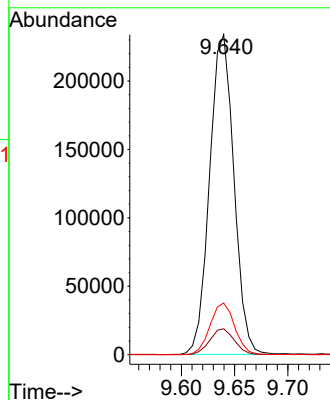
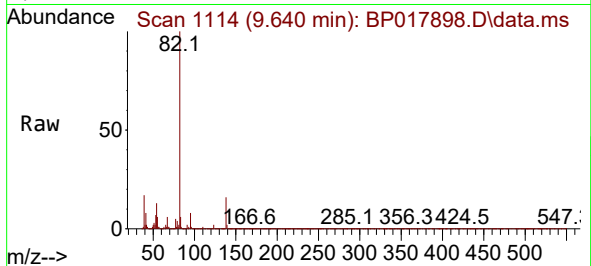




#23
Isophorone
Concen: 19.374 ng/ul
RT: 9.640 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

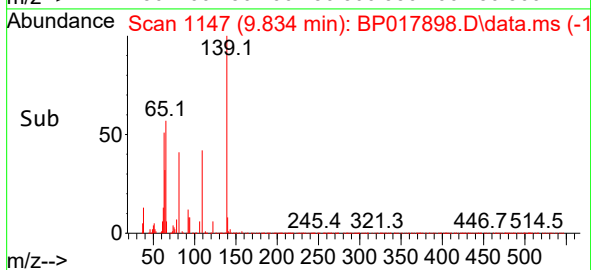
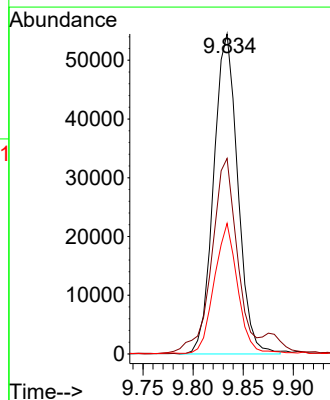
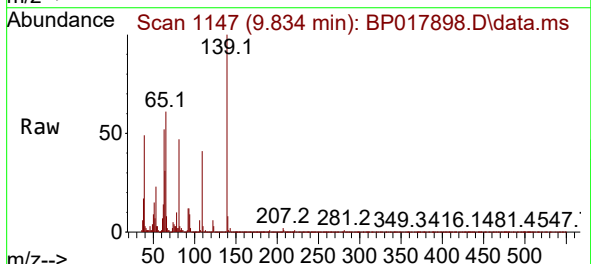
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

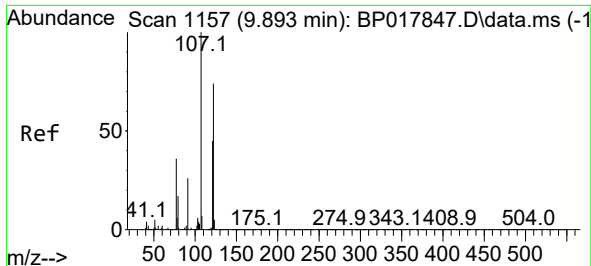
Tgt Ion: 82 Resp: 370228
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 16.2 14.4 21.6



#25
2-Nitrophenol
Concen: 18.030 ng/ul
RT: 9.834 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion: 139 Resp: 91261
Ion Ratio Lower Upper
139 100
65 61.1 40.4 60.6#
109 40.8 25.4 38.2#

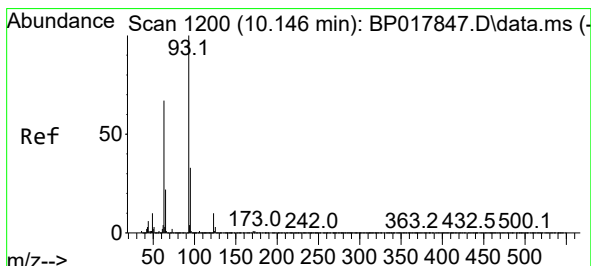
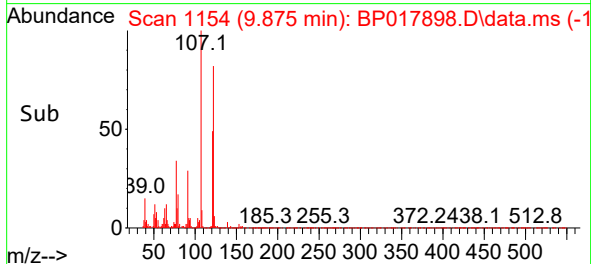
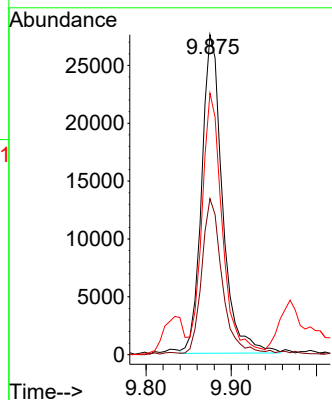
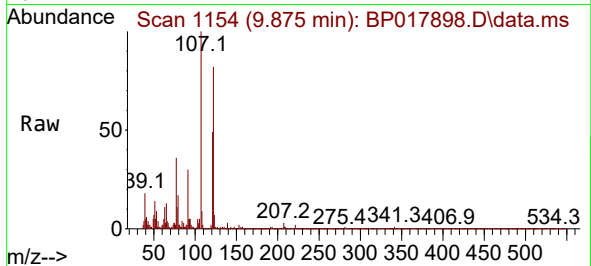




#26
2,4-Dimethylphenol
Concen: 4.712 ng/ul
RT: 9.875 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

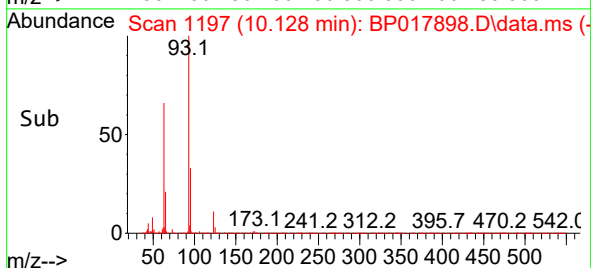
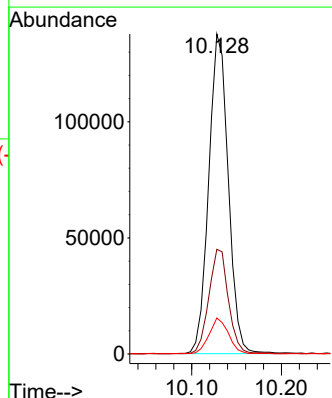
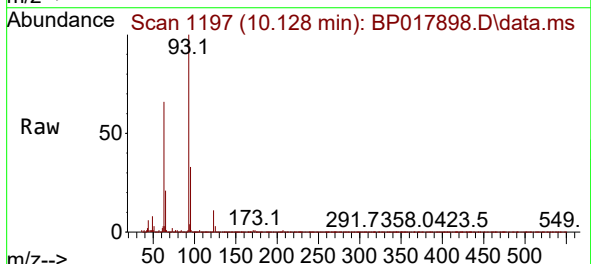
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

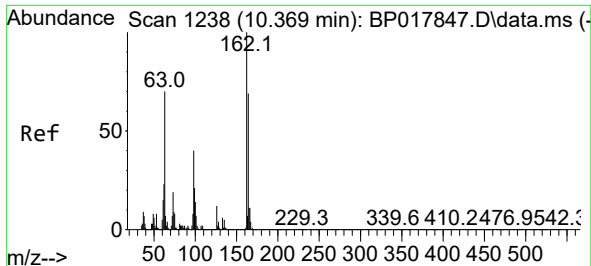
Tgt Ion:107 Resp: 46807
Ion Ratio Lower Upper
107 100
121 48.8 40.6 61.0
122 81.8 66.9 100.3



#27
Bis(2-Chloroethoxy)methane
Concen: 17.609 ng/ul
RT: 10.128 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion: 93 Resp: 208121
Ion Ratio Lower Upper
93 100
95 32.7 24.7 37.1
123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 17.537 ng/ul

RT: 10.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

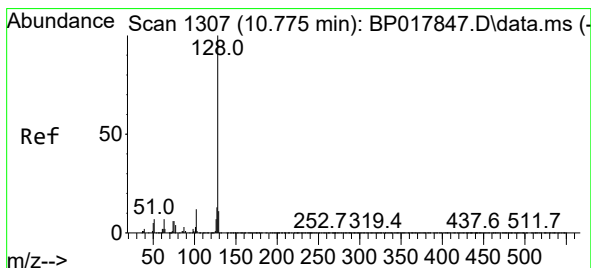
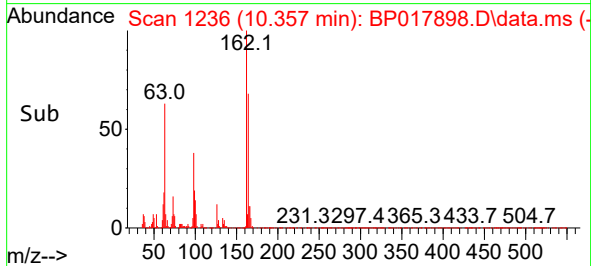
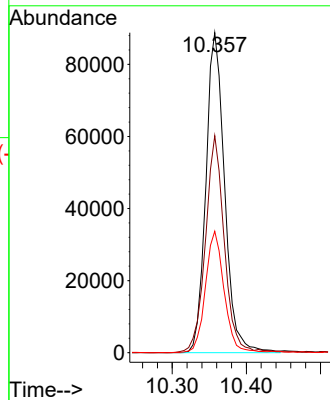
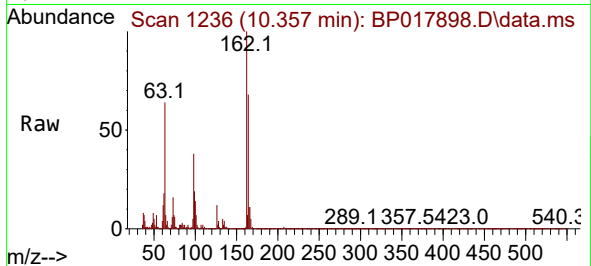
Tgt Ion:162 Resp: 155988

Ion Ratio Lower Upper

162 100

164 67.8 53.8 80.8

98 37.9 25.5 38.3



#30

Naphthalene

Concen: 17.384 ng/ul

RT: 10.757 min Scan# 1304

Delta R.T. -0.018 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

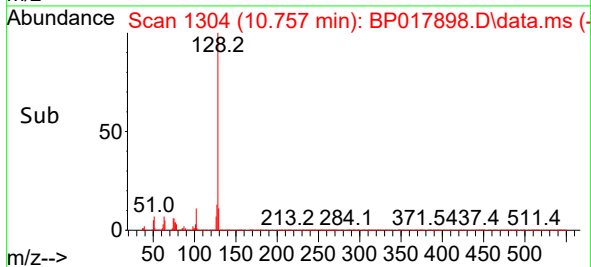
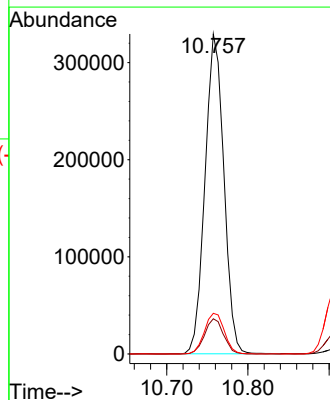
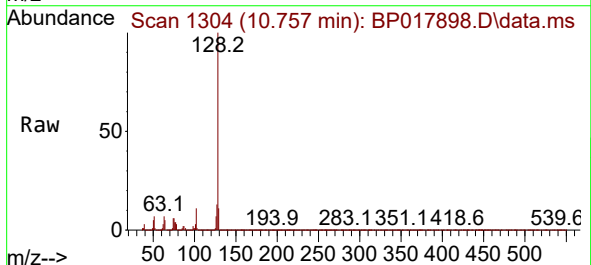
Tgt Ion:128 Resp: 529863

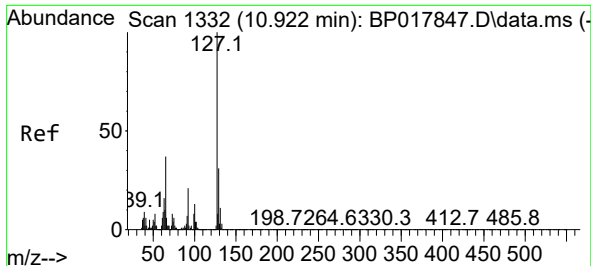
Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.7 10.5 15.7

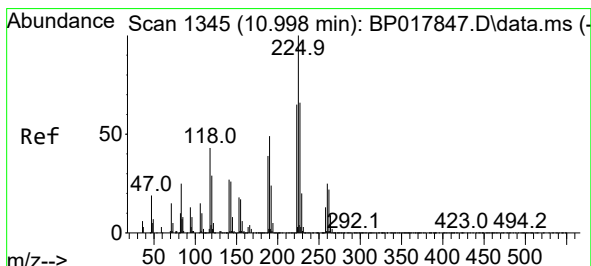
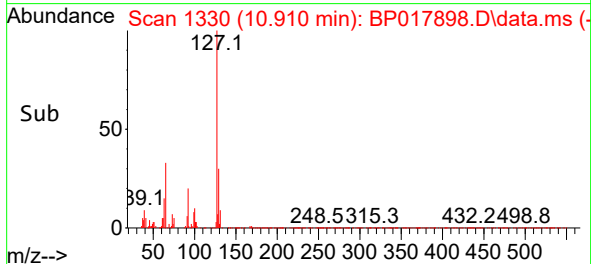
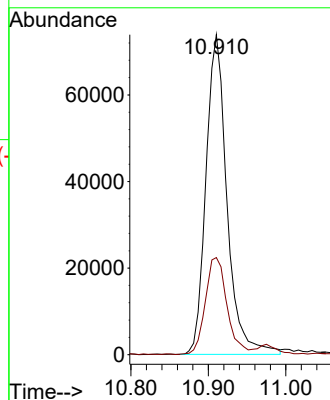
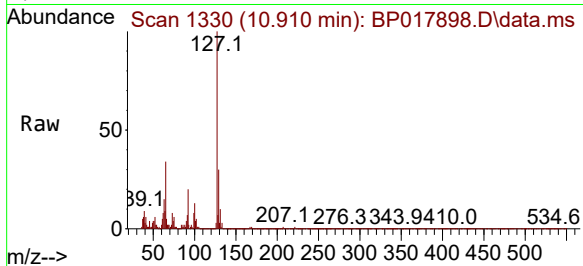




#32
4-Chloroaniline
Concen: 11.940 ng/ul
RT: 10.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

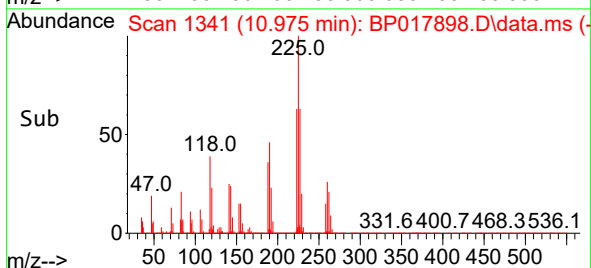
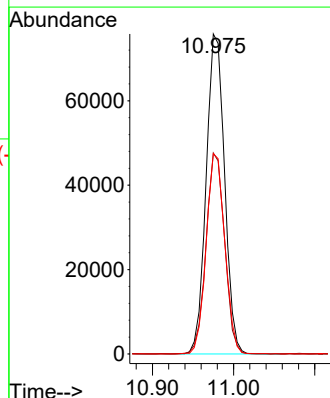
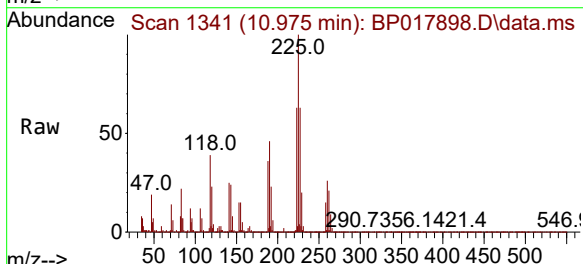
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

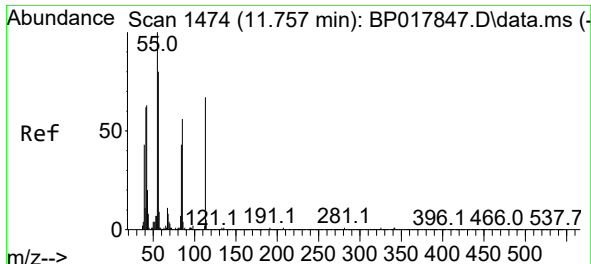
Tgt Ion:127 Resp: 139181
Ion Ratio Lower Upper
127 100
129 30.3 25.1 37.7



#33
Hexachlorobutadiene
Concen: 16.507 ng/ul
RT: 10.975 min Scan# 1341
Delta R.T. -0.018 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:225 Resp: 119221
Ion Ratio Lower Upper
225 100
223 62.8 50.6 75.8
227 62.6 50.1 75.1

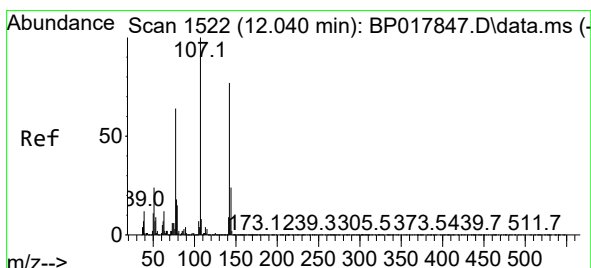
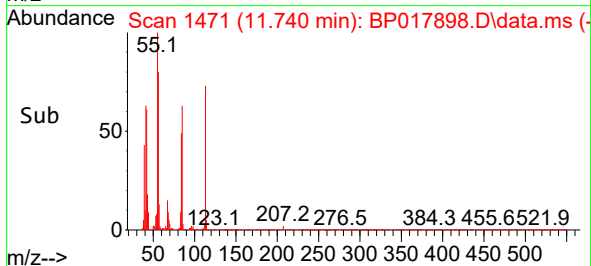
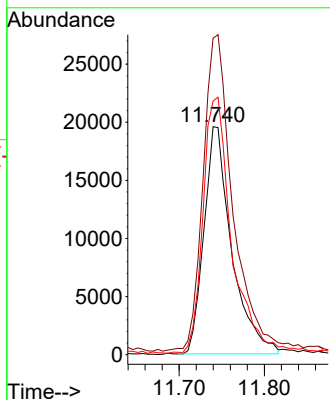
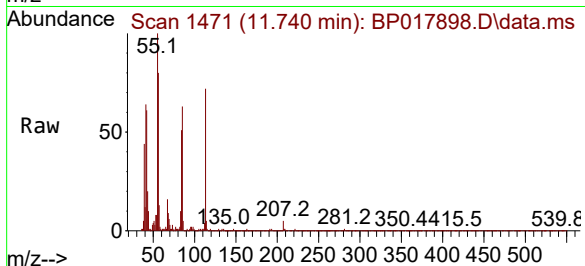




#34
Caprolactam
Concen: 19.339 ng/ul
RT: 11.740 min Scan# 1474
Delta R.T. -0.029 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

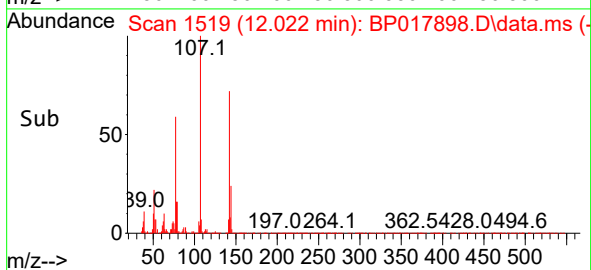
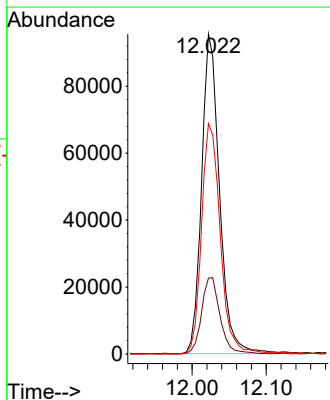
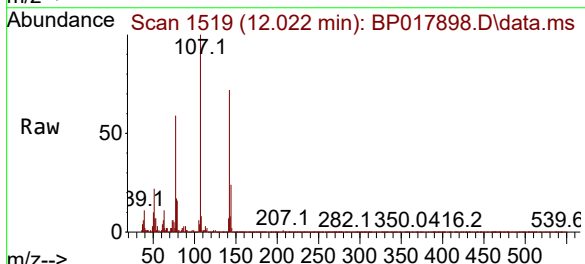
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

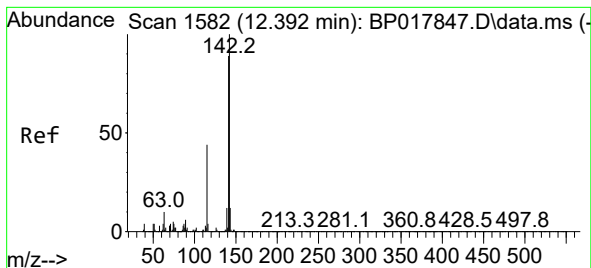
Tgt Ion:113 Resp: 44293
Ion Ratio Lower Upper
113 100
55 138.8 112.1 168.1
56 111.3 87.0 130.6



#35
4-Chloro-3-methylphenol
Concen: 19.149 ng/ul
RT: 12.022 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:107 Resp: 160360
Ion Ratio Lower Upper
107 100
144 23.7 22.9 34.3
142 72.0 68.1 102.1

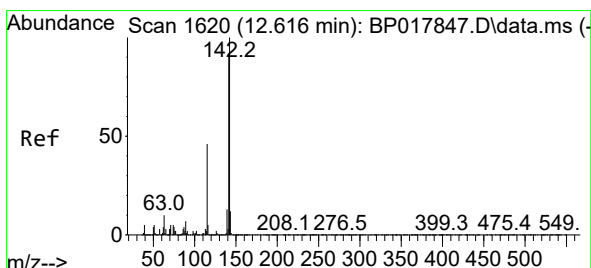
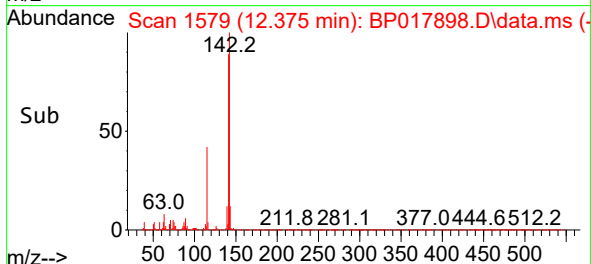
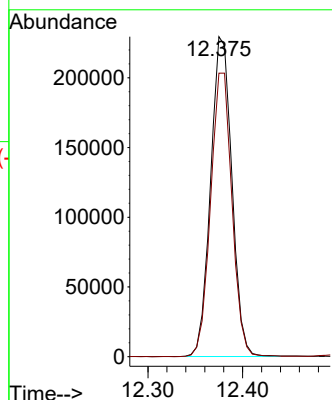
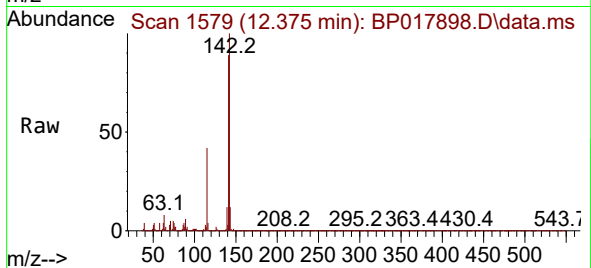




#36
2-Methylnaphthalene
Concen: 17.357 ng/ul
RT: 12.375 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

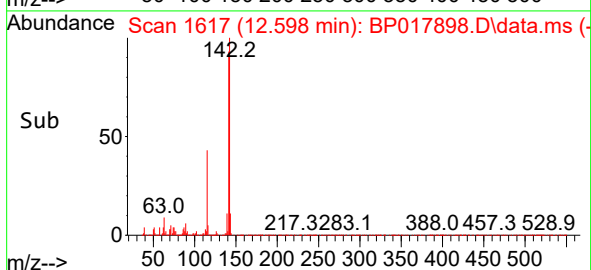
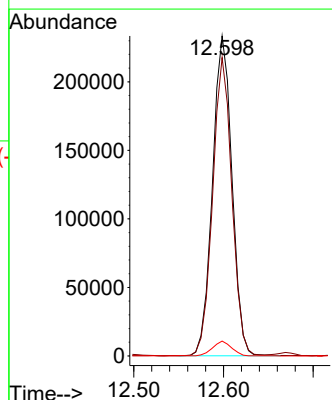
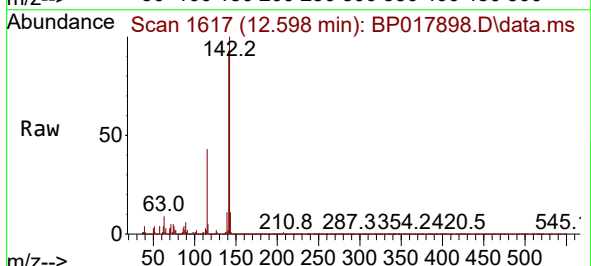
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

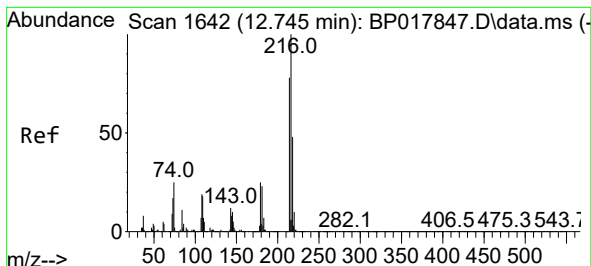
Tgt Ion:142 Resp: 357365
Ion Ratio Lower Upper
142 100
141 88.6 71.5 107.3



#37
1-Methylnaphthalene
Concen: 16.750 ng/ul
RT: 12.598 min Scan# 1617
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:142 Resp: 352684
Ion Ratio Lower Upper
142 100
141 93.2 72.5 108.7
116 4.6 3.4 5.2

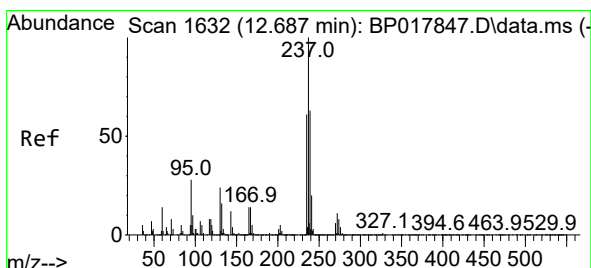
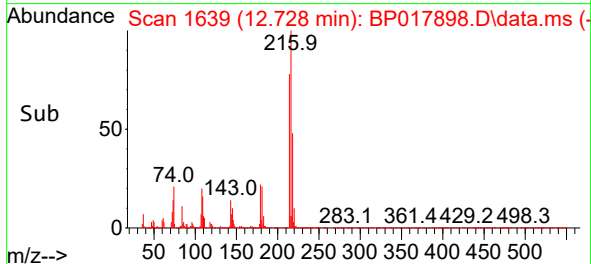
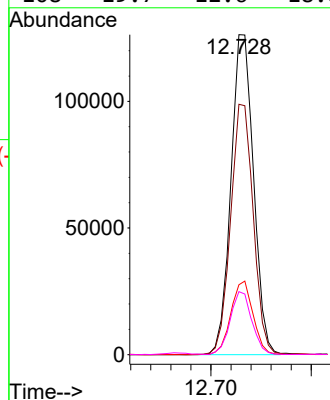
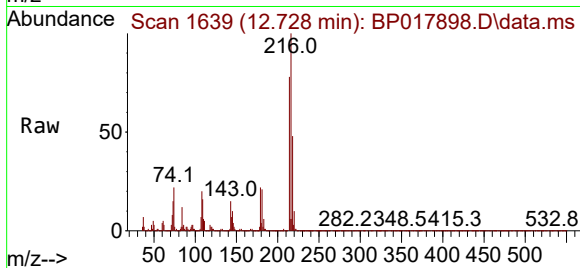




#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.889 ng/ul
RT: 12.728 min Scan# 1639
Delta R.T. -0.018 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

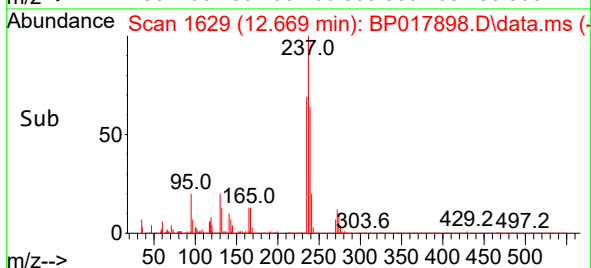
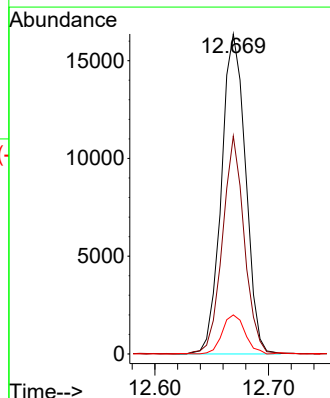
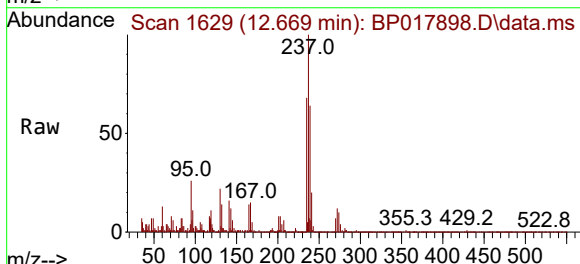
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

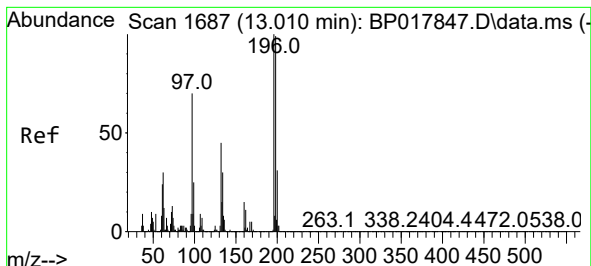
Tgt Ion:216 Resp: 198052
Ion Ratio Lower Upper
216 100
214 78.3 62.2 93.2
179 21.8 15.8 23.8
108 19.7 12.6 18.8#



#40
Hexachlorocyclopentadiene
Concen: 3.805 ng/ul
RT: 12.669 min Scan# 1629
Delta R.T. -0.018 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:237 Resp: 24203
Ion Ratio Lower Upper
237 100
235 68.1 50.3 75.5
272 12.2 11.1 16.7





#41

2,4,6-Trichlorophenol

Concen: 18.410 ng/ul

RT: 12.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

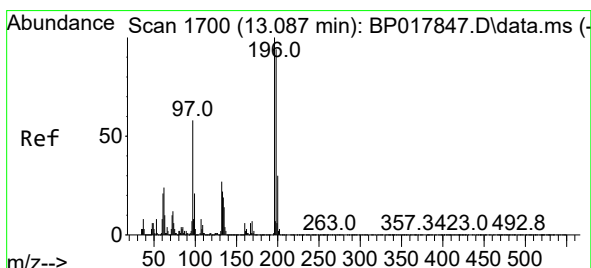
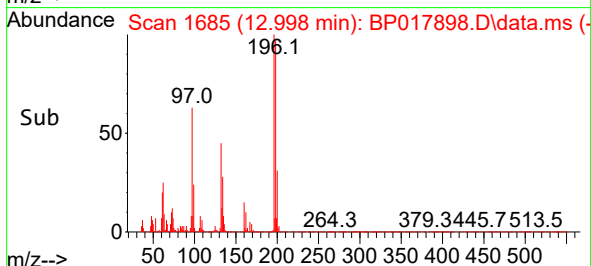
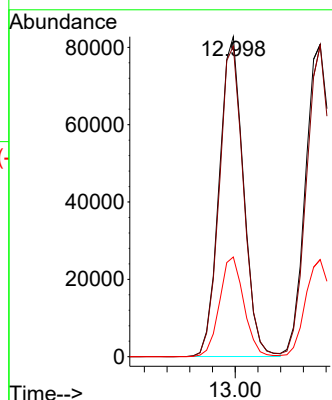
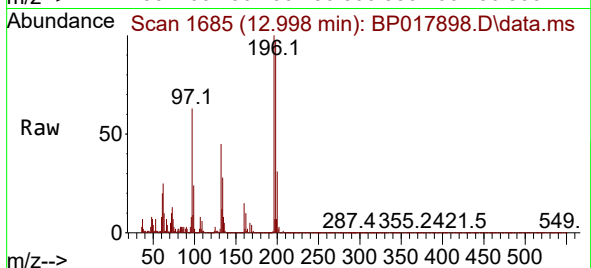
Tgt Ion:196 Resp: 122320

Ion Ratio Lower Upper

196 100

198 97.1 74.7 112.1

200 31.1 23.7 35.5



#42

2,4,5-Trichlorophenol

Concen: 19.184 ng/ul

RT: 13.075 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

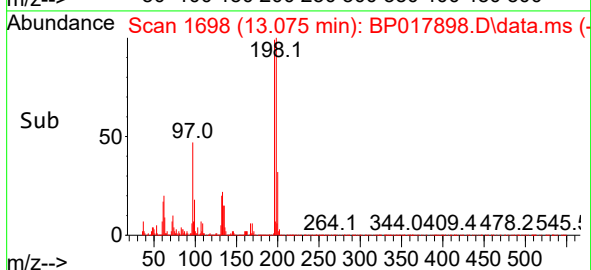
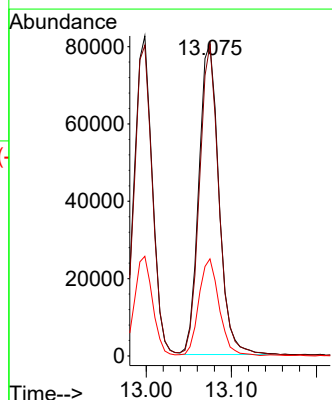
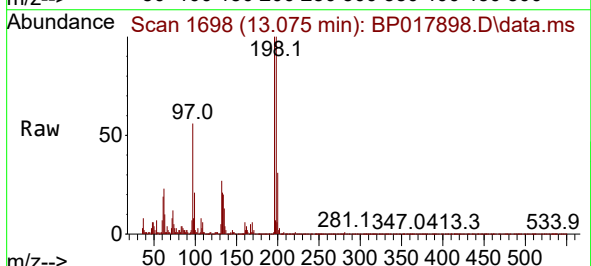
Tgt Ion:196 Resp: 131782

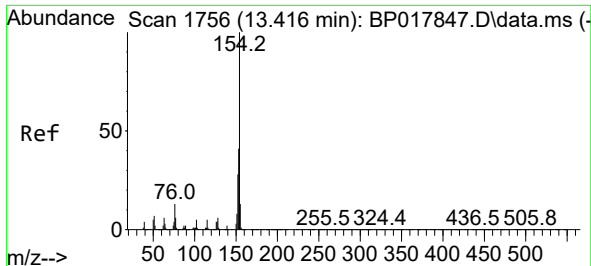
Ion Ratio Lower Upper

196 100

198 99.7 76.0 114.0

200 31.1 24.3 36.5

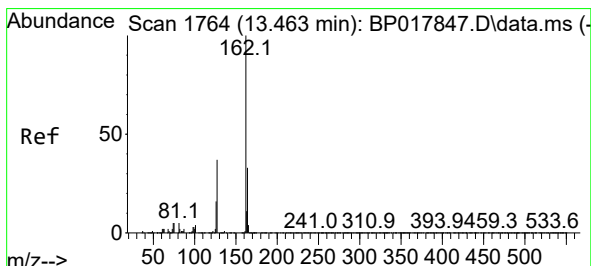
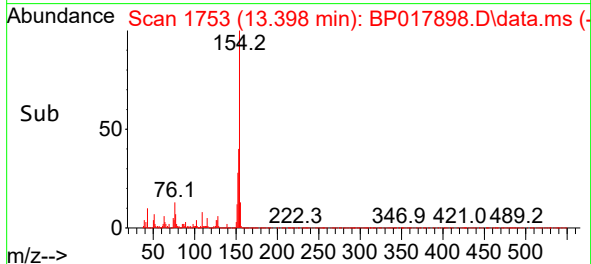
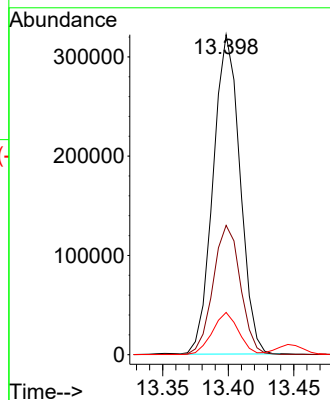
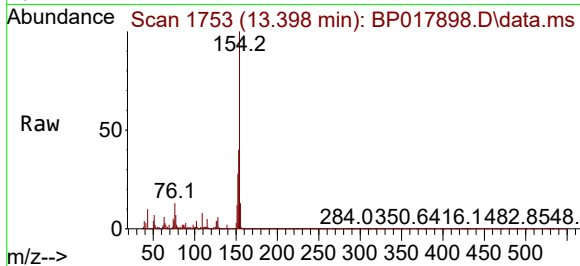




#43
1,1'-Biphenyl
Concen: 18.618 ng/ul
RT: 13.398 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

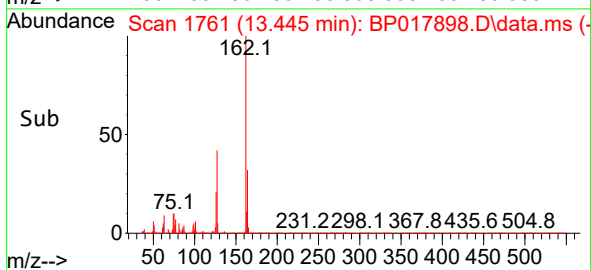
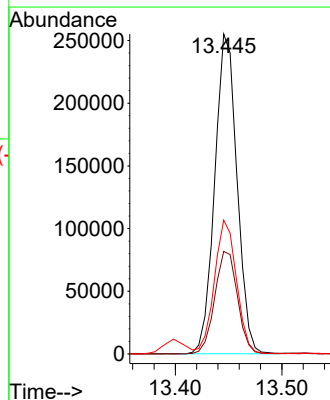
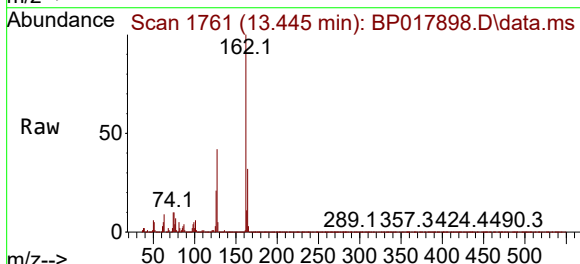
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

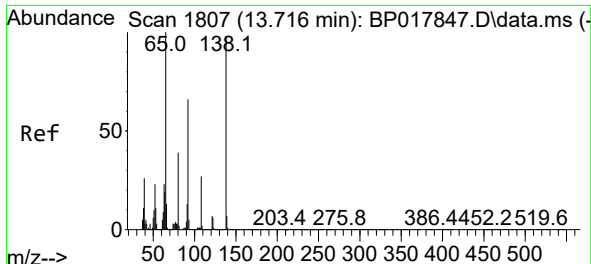
Tgt Ion:154 Resp: 458922
Ion Ratio Lower Upper
154 100
153 40.4 32.6 49.0
76 13.2 9.8 14.8



#44
2-Chloronaphthalene
Concen: 18.561 ng/ul
RT: 13.445 min Scan# 1761
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:162 Resp: 369859
Ion Ratio Lower Upper
162 100
164 32.0 25.9 38.9
127 41.8 29.9 44.9

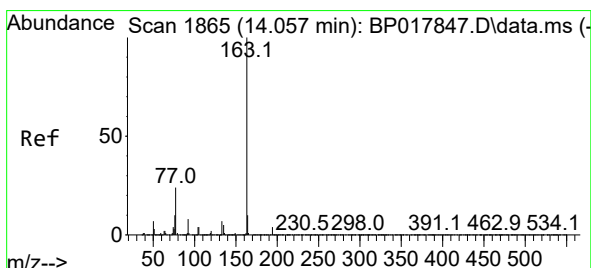
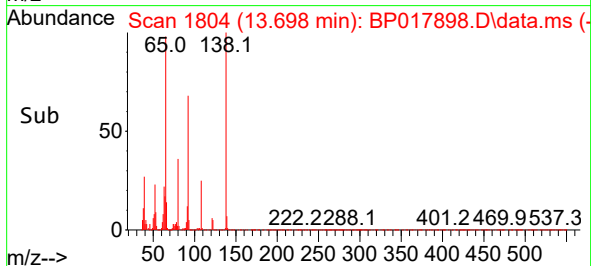
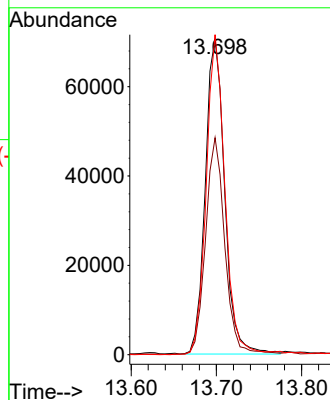
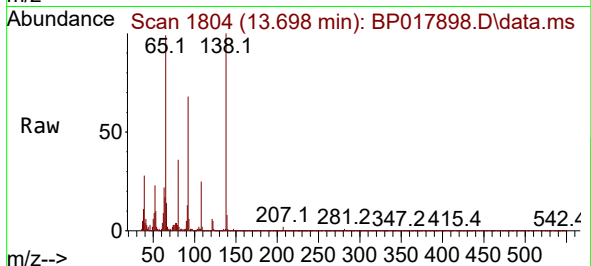




#45
2-Nitroaniline
Concen: 24.660 ng/ul
RT: 13.698 min Scan# 1804
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

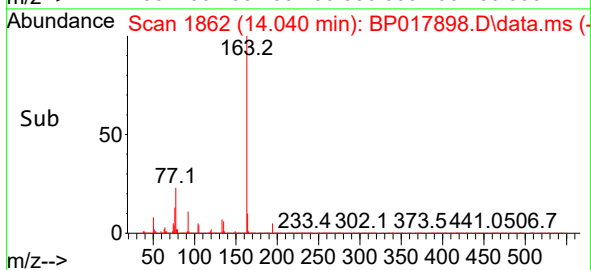
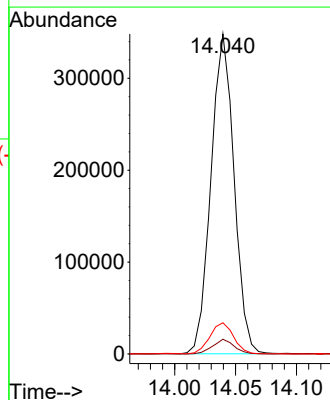
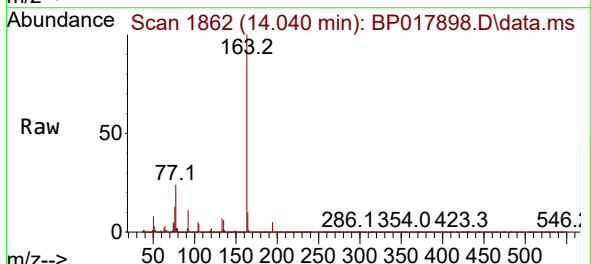
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

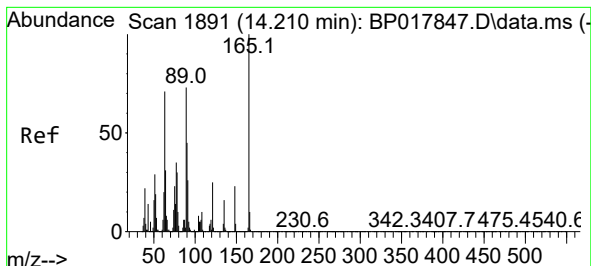
Tgt Ion: 65 Resp: 111664
Ion Ratio Lower Upper
65 100
92 68.7 56.2 84.4
138 101.3 85.9 128.9



#47
Dimethylphthalate
Concen: 18.577 ng/ul
RT: 14.040 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion: 163 Resp: 459849
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 9.8 8.2 12.4





#48

2,6-Dinitrotoluene

Concen: 20.509 ng/ul

RT: 14.192 min Scan# 1888

Delta R.T. -0.012 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

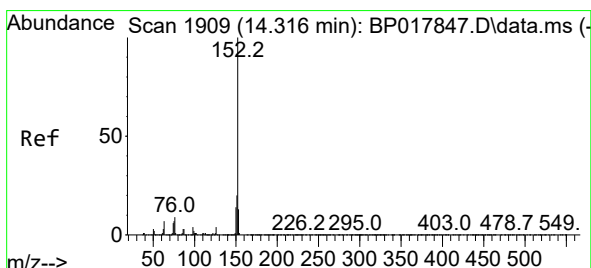
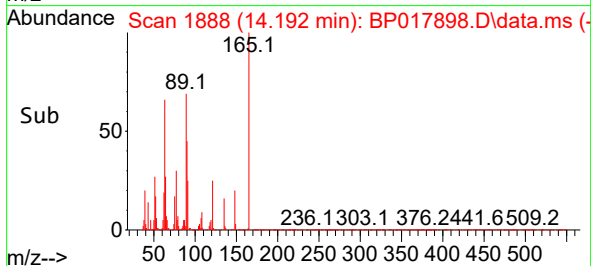
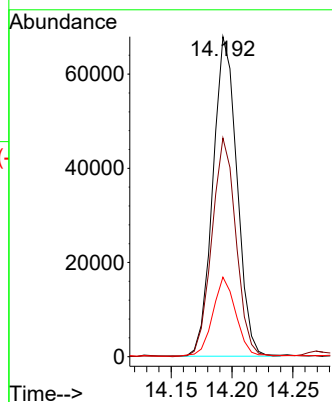
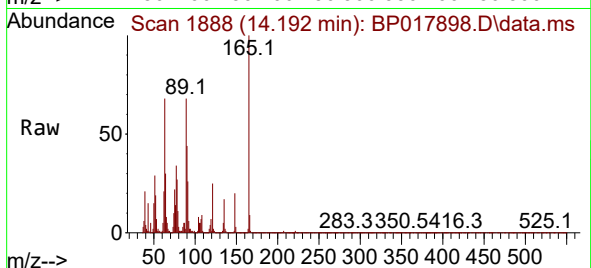
Tgt Ion:165 Resp: 93443

Ion Ratio Lower Upper

165 100

89 68.3 48.0 72.0

121 24.9 16.6 24.8#



#50

Acenaphthylene

Concen: 18.708 ng/ul

RT: 14.304 min Scan# 1907

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

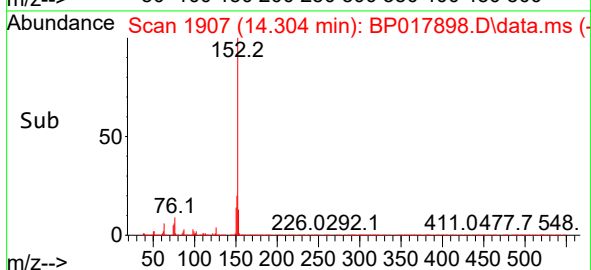
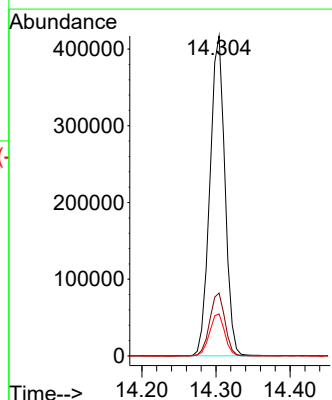
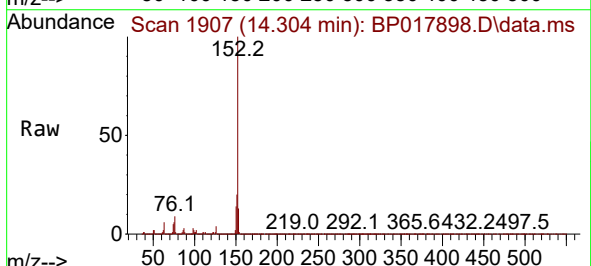
Tgt Ion:152 Resp: 586970

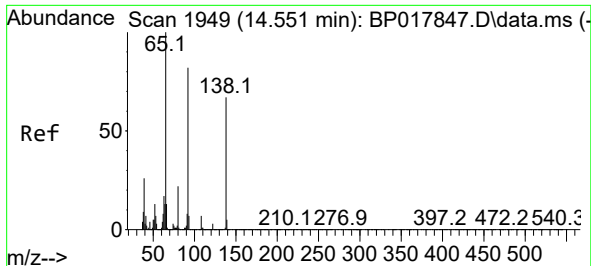
Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.1 10.8 16.2

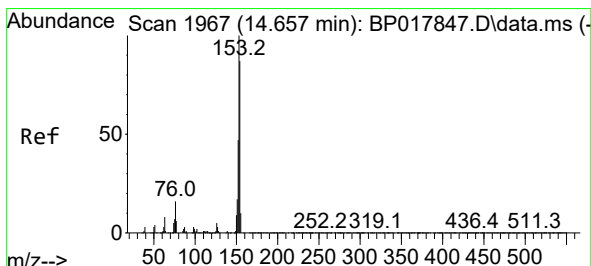
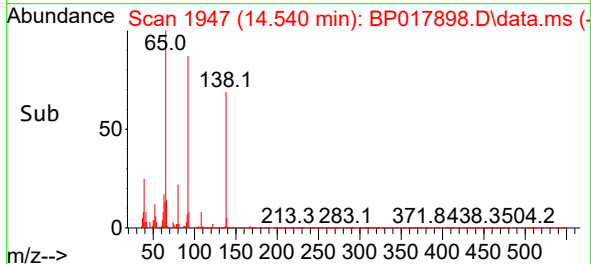
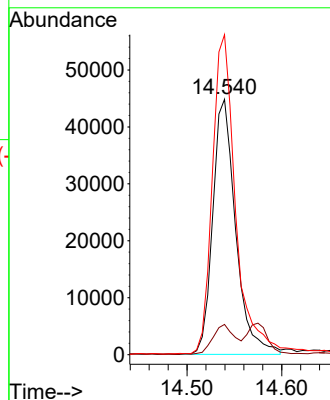
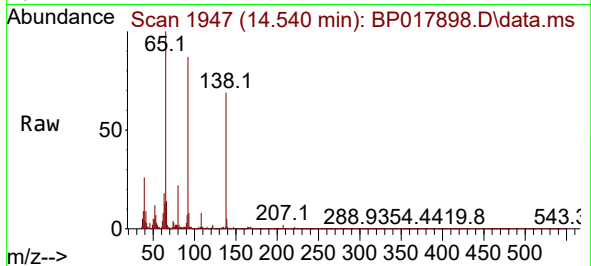




#51
3-Nitroaniline
Concen: 17.419 ng/ul
RT: 14.540 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

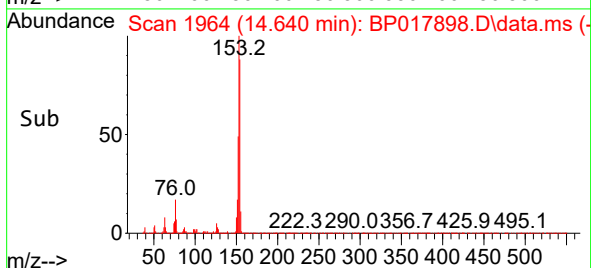
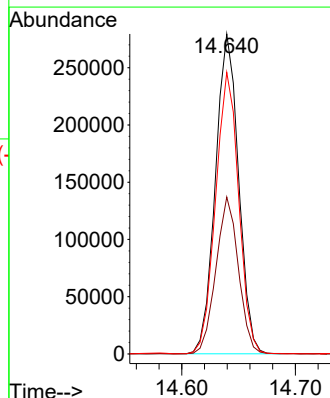
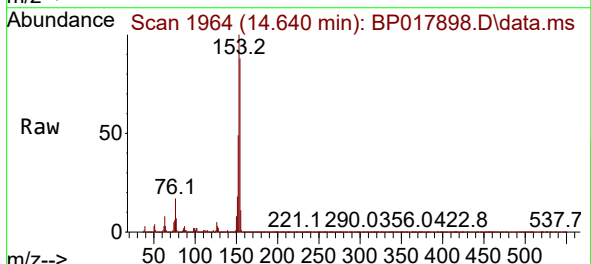
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

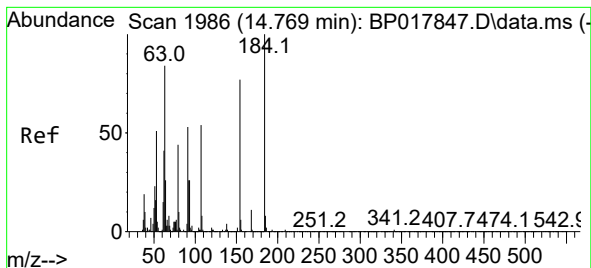
Tgt Ion:138 Resp: 75482
Ion Ratio Lower Upper
138 100
108 11.8 9.3 13.9
92 125.3 95.2 142.8



#52
Acenaphthene
Concen: 18.662 ng/ul
RT: 14.640 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:153 Resp: 395820
Ion Ratio Lower Upper
153 100
152 49.1 37.6 56.4
154 88.0 70.0 105.0

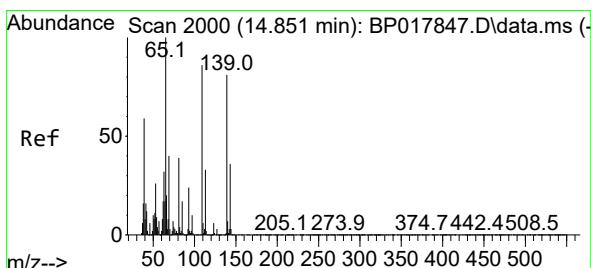
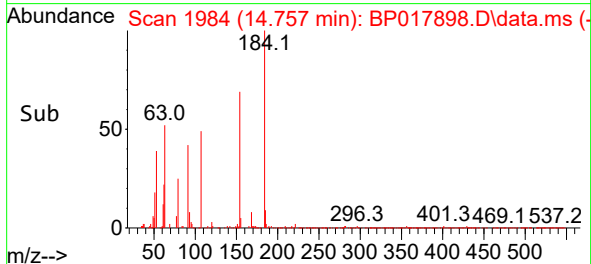
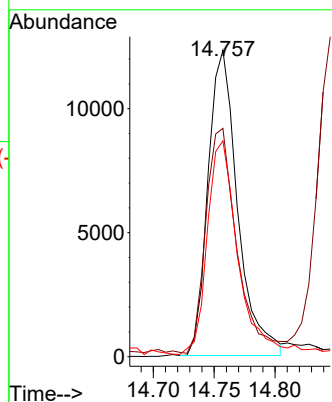
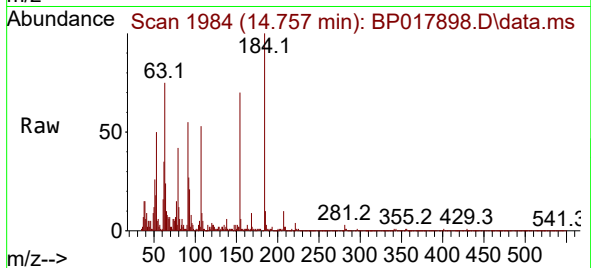




#53
2,4-Dinitrophenol
Concen: 8.147 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

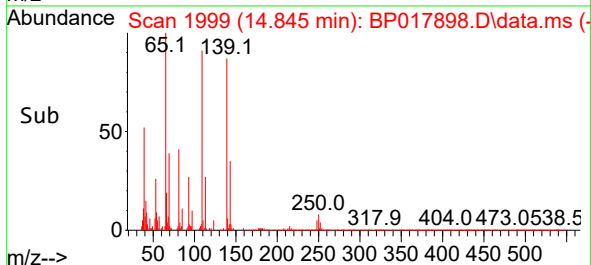
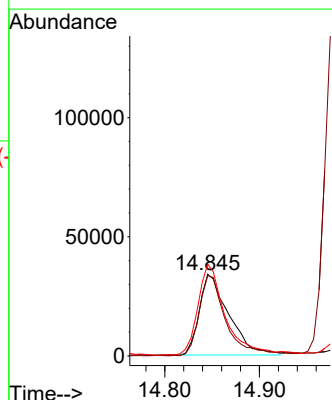
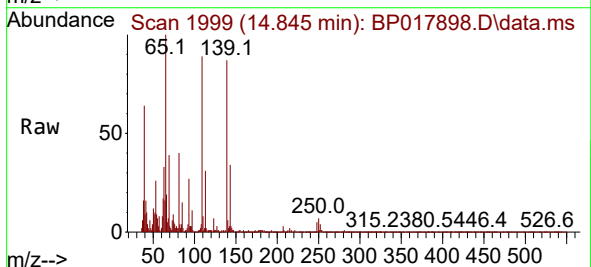
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

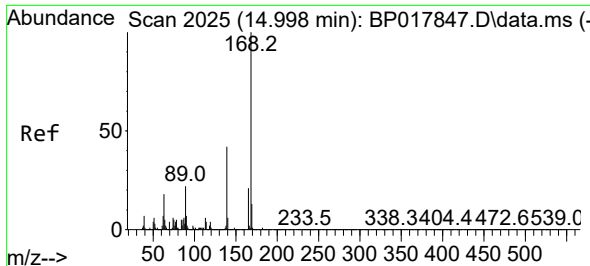
Tgt Ion:184 Resp: 20837
Ion Ratio Lower Upper
184 100
63 74.5 50.6 76.0
154 70.5 47.9 71.9



#55
4-Nitrophenol
Concen: 19.295 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:109 Resp: 73097
Ion Ratio Lower Upper
109 100
139 98.4 92.9 139.3
65 112.5 94.5 141.7

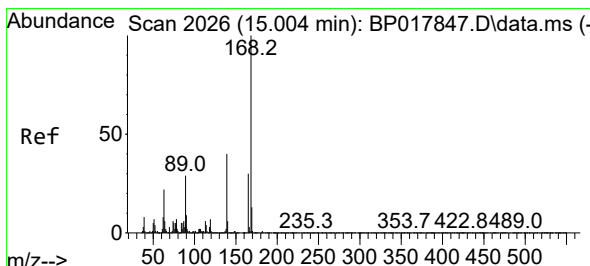
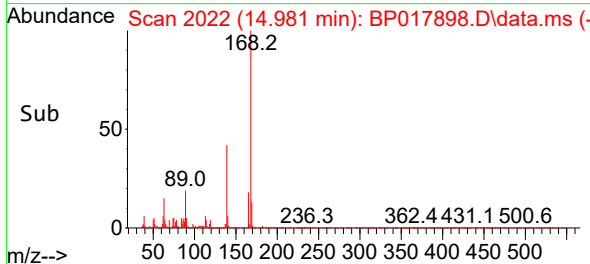
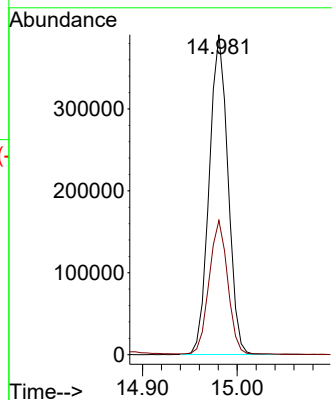
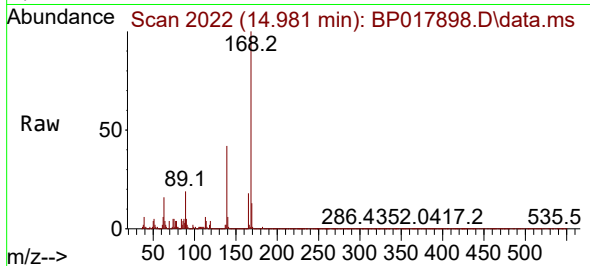




#56
Dibenzenofuran
Concen: 18.033 ng/ul
RT: 14.981 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

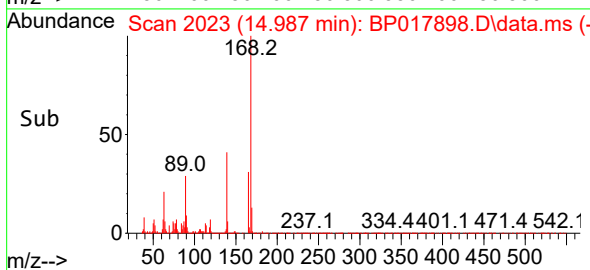
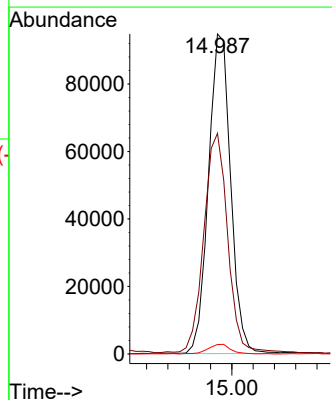
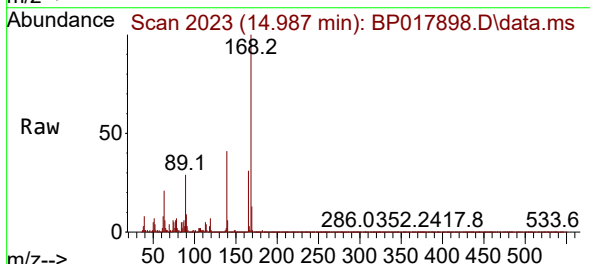
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

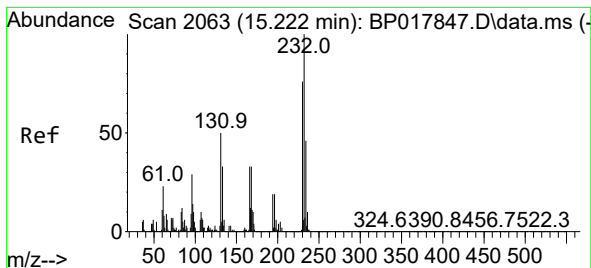
Tgt Ion:168 Resp: 536999
Ion Ratio Lower Upper
168 100
139 42.0 28.6 43.0



#57
2,4-Dinitrotoluene
Concen: 20.350 ng/ul
RT: 14.987 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:165 Resp: 136844
Ion Ratio Lower Upper
165 100
63 68.9 51.1 76.7
182 2.9 2.7 4.1

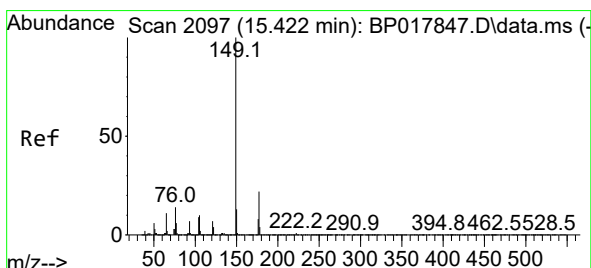
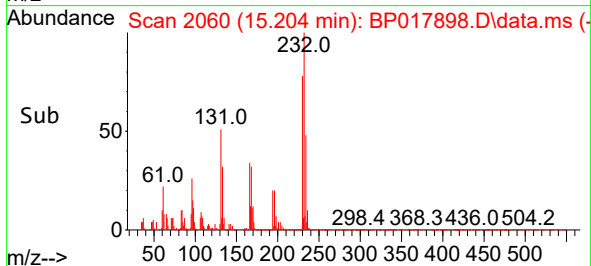
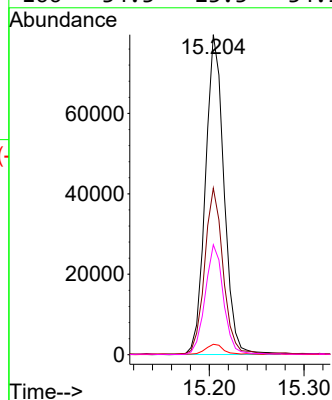
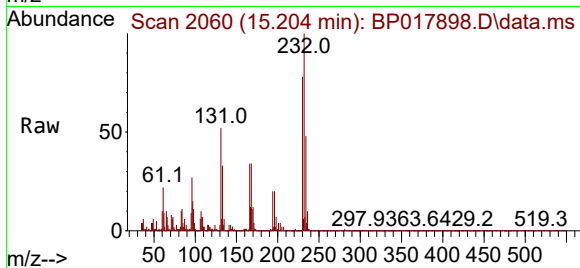




#58
2,3,4,6-Tetrachlorophenol
Concen: 17.784 ng/ul
RT: 15.204 min Scan# 2060
Delta R.T. -0.012 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

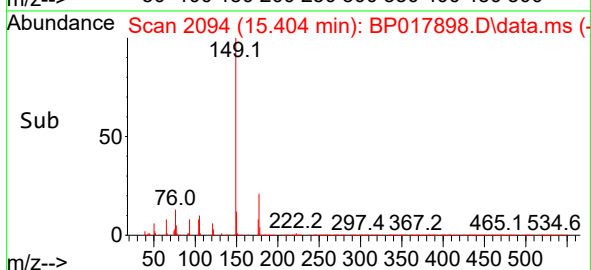
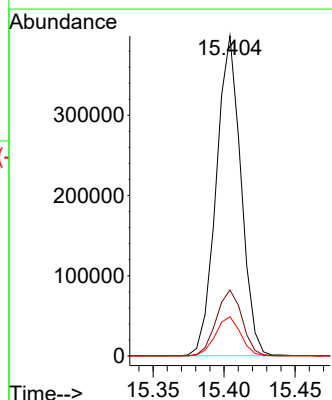
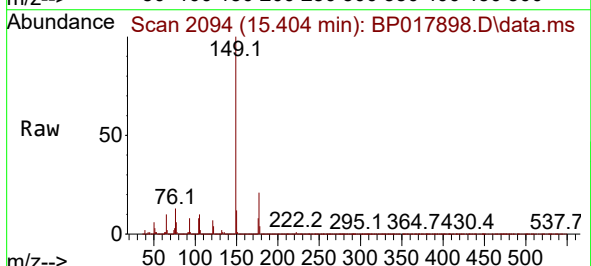
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

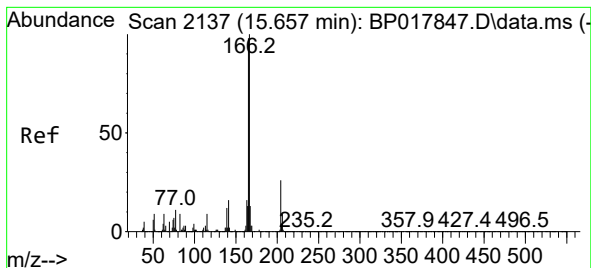
Tgt Ion:232 Resp: 108408
Ion Ratio Lower Upper
232 100
131 52.0 32.9 49.3#
130 3.2 1.8 2.8#
166 34.3 23.3 34.9



#59
Diethylphthalate
Concen: 20.154 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:149 Resp: 481688
Ion Ratio Lower Upper
149 100
177 20.6 18.0 27.0
150 12.2 10.2 15.4





#61

Fluorene

Concen: 18.359 ng/ul

RT: 15.639 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

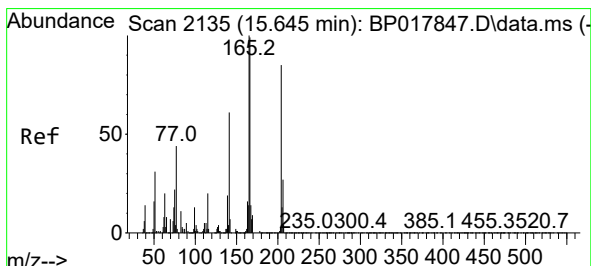
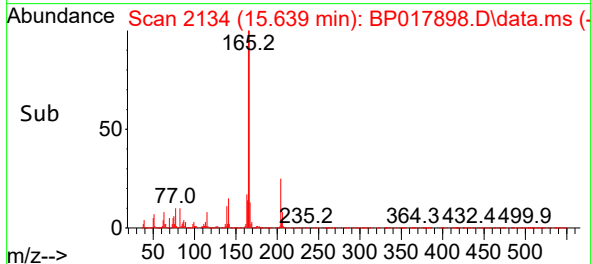
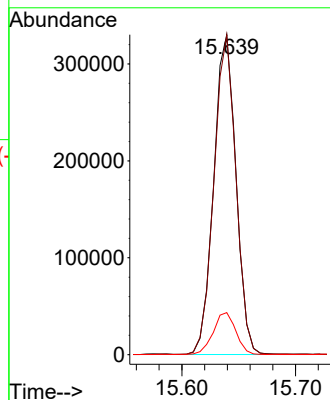
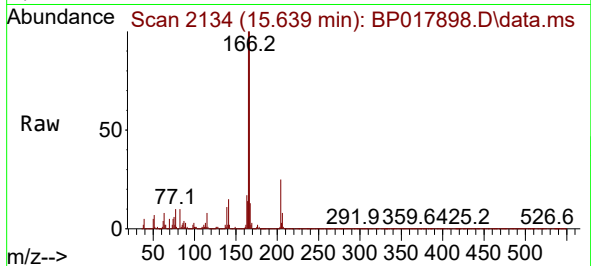
Tgt Ion:166 Resp: 449083

Ion Ratio Lower Upper

166 100

165 99.9 77.4 116.0

167 13.2 10.9 16.3



#62

4-Chlorophenyl-phenylether

Concen: 17.522 ng/ul

RT: 15.628 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

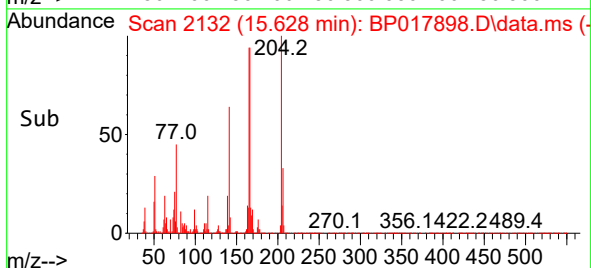
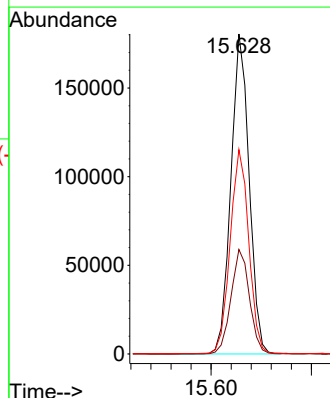
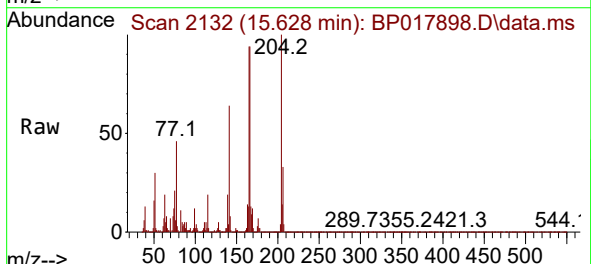
Tgt Ion:204 Resp: 227820

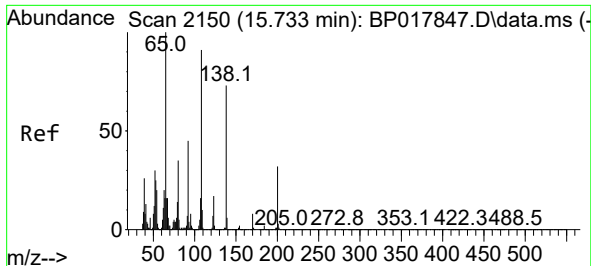
Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.4

141 63.9 42.9 64.3

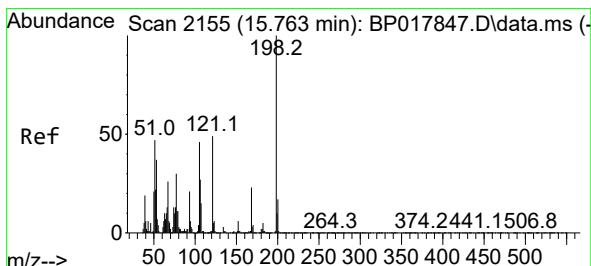
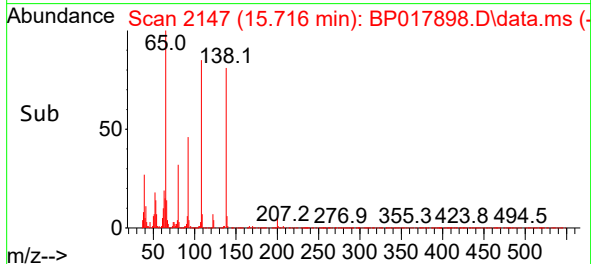
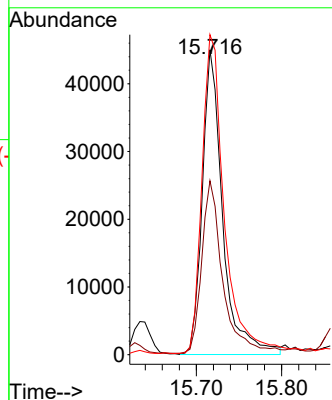
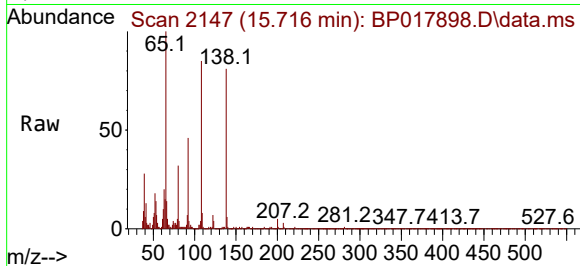




#63
4-Nitroaniline
Concen: 19.127 ng/ul
RT: 15.716 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

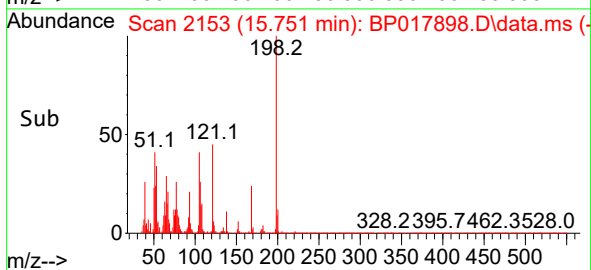
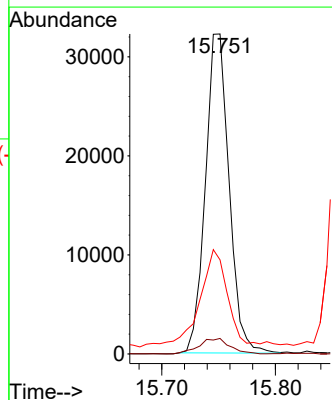
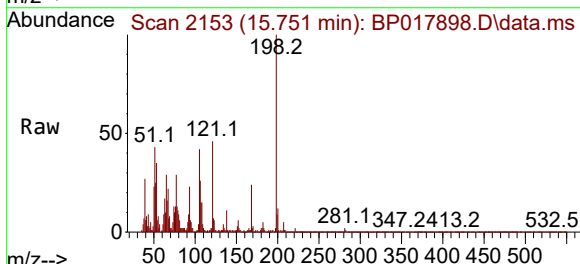
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

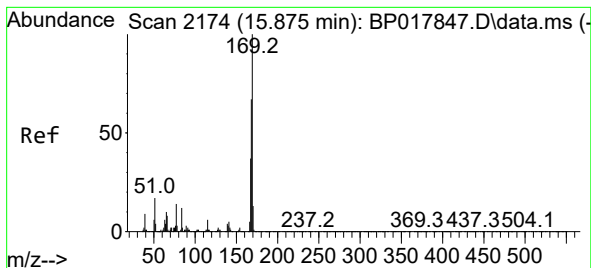
Tgt Ion:138 Resp: 74757
Ion Ratio Lower Upper
138 100
92 57.0 43.0 64.6
108 104.9 82.7 124.1



#66
4,6-Dinitro-2-methylphenol
Concen: 11.101 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:198 Resp: 46645
Ion Ratio Lower Upper
198 100
182 4.8 3.9 5.9
77 29.4 19.8 29.8





#67

N-Nitrosodiphenylamine

Concen: 20.376 ng/ul

RT: 15.863 min Scan# 2174

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

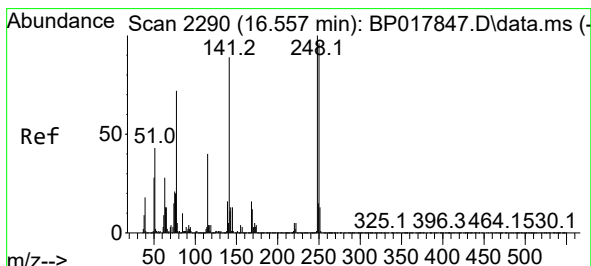
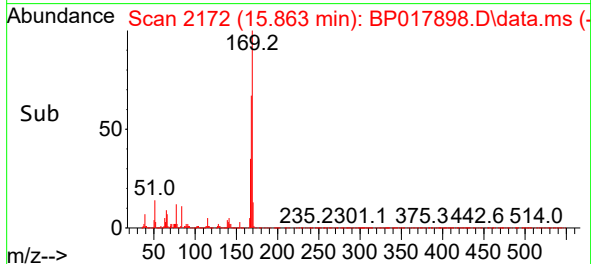
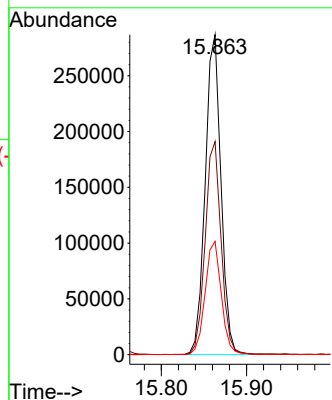
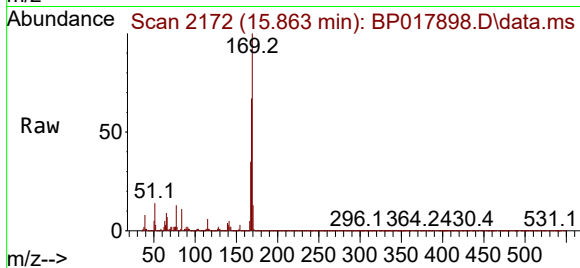
Tgt Ion:169 Resp: 367631

Ion Ratio Lower Upper

169 100

168 66.6 53.7 80.5

167 35.4 29.4 44.0



#68

4-Bromophenyl-phenylether

Concen: 19.120 ng/ul

RT: 16.539 min Scan# 2287

Delta R.T. -0.012 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

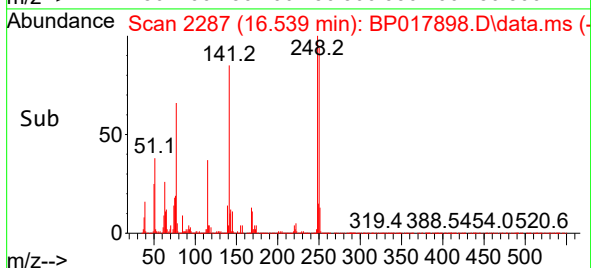
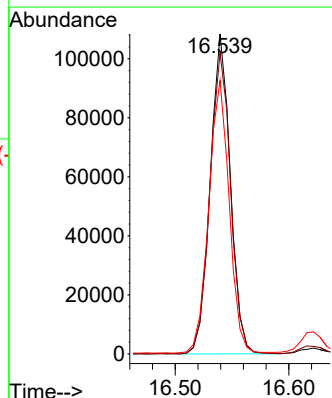
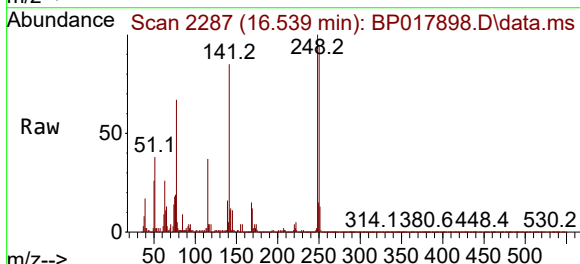
Tgt Ion:248 Resp: 133236

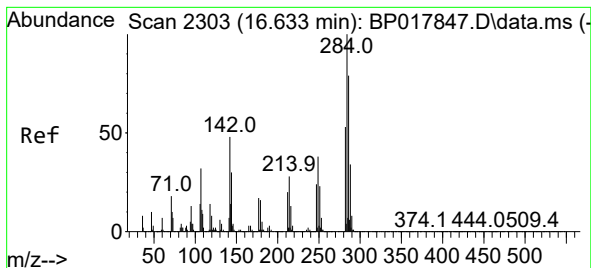
Ion Ratio Lower Upper

248 100

250 94.0 76.8 115.2

141 85.4 52.4 78.6#





#69

Hexachlorobenzene

Concen: 18.081 ng/ul

RT: 16.622 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

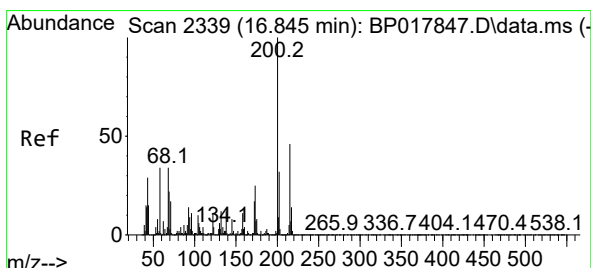
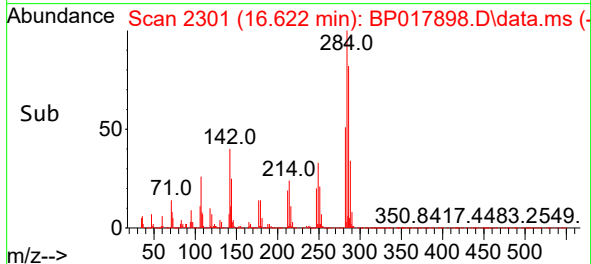
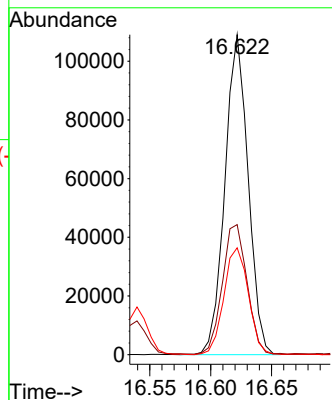
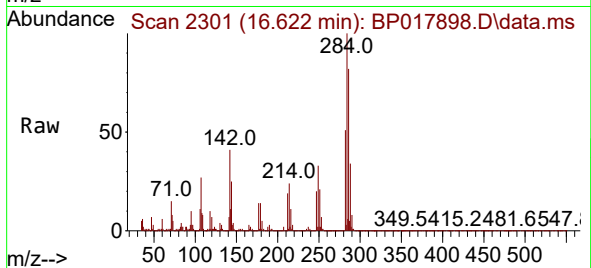
Tgt Ion:284 Resp: 144643

Ion Ratio Lower Upper

284 100

142 40.6 27.6 41.4

249 33.4 24.5 36.7



#70

Atrazine

Concen: 20.898 ng/ul

RT: 16.828 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

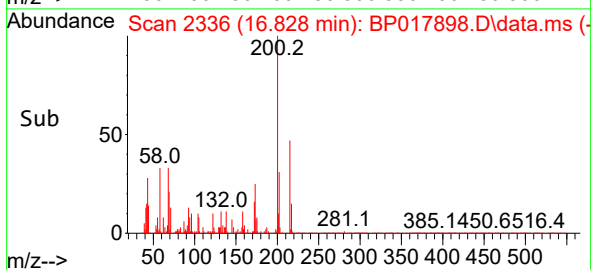
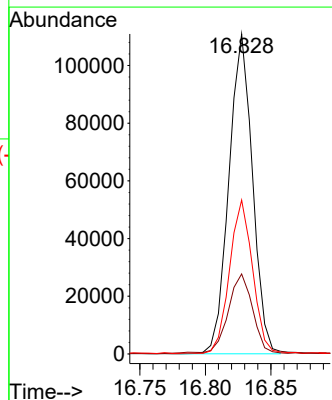
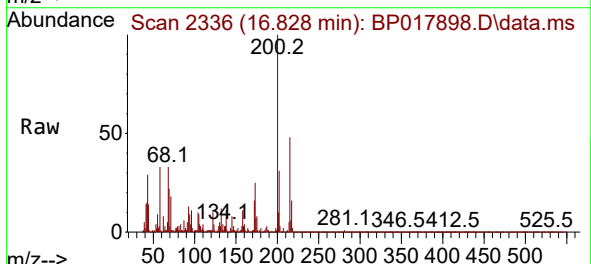
Tgt Ion:200 Resp: 138582

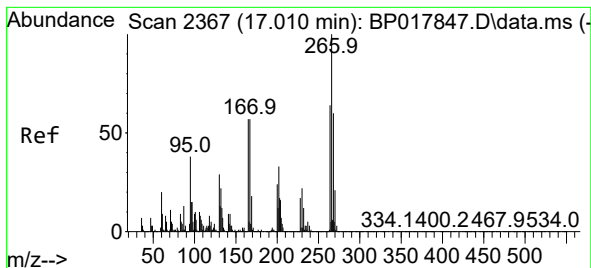
Ion Ratio Lower Upper

200 100

173 25.0 19.8 29.6

215 48.1 38.5 57.7





#71

Pentachlorophenol

Concen: 15.621 ng/ul

RT: 16.998 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

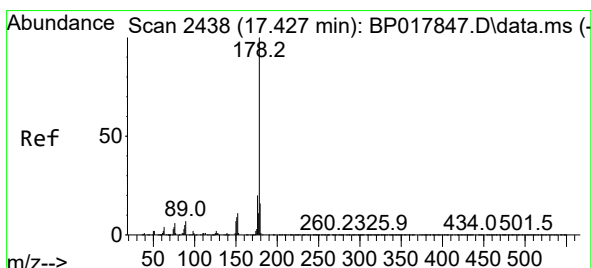
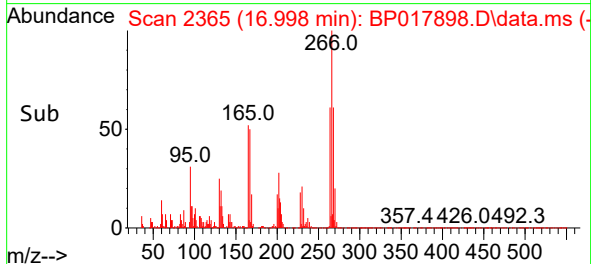
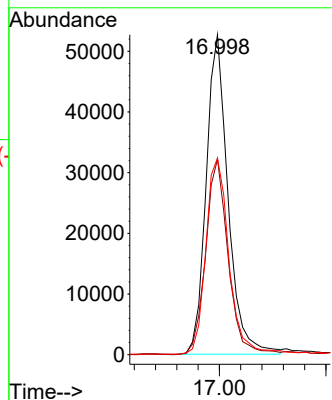
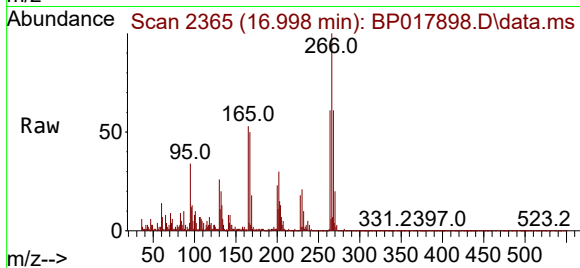
Tgt Ion:266 Resp: 75132

Ion Ratio Lower Upper

266 100

264 61.0 49.4 74.2

268 61.5 50.3 75.5



#72

Phenanthrene

Concen: 19.668 ng/ul

RT: 17.410 min Scan# 2435

Delta R.T. -0.012 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

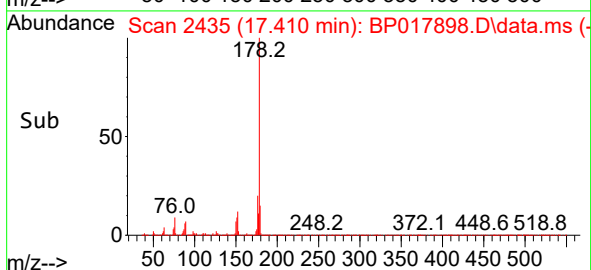
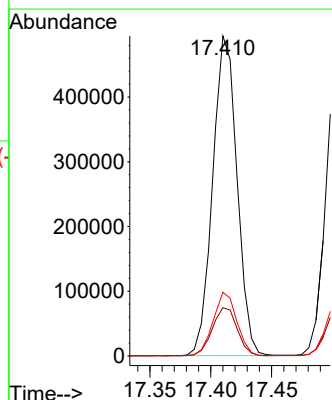
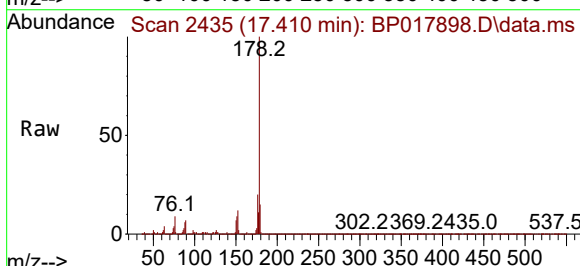
Tgt Ion:178 Resp: 686176

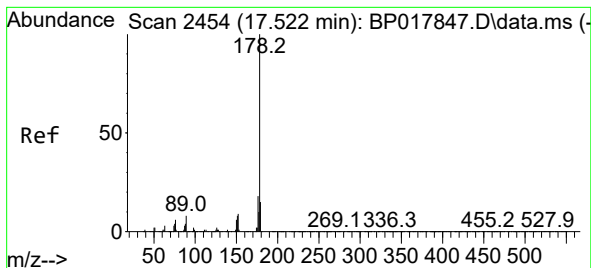
Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 19.9 15.3 22.9





#74

Anthracene

Concen: 20.099 ng/uI

RT: 17.504 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

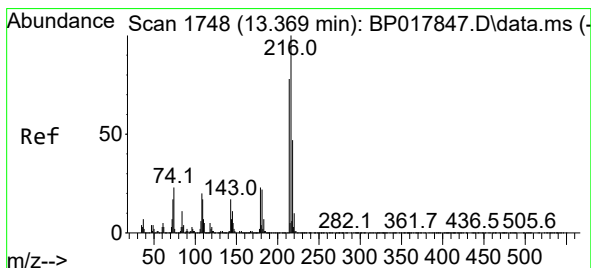
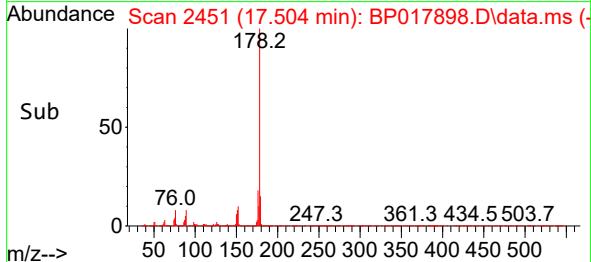
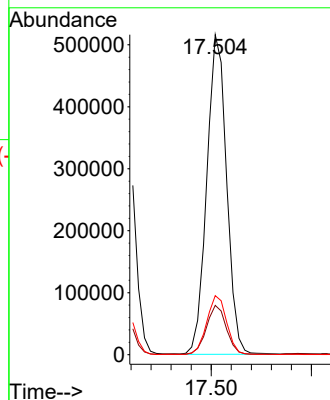
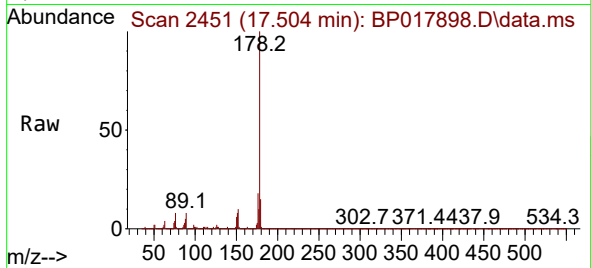
Tgt Ion:178 Resp: 710204

Ion Ratio Lower Upper

178 100

179 15.4 12.0 18.0

176 18.5 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.731 ng/uI

RT: 13.351 min Scan# 1745

Delta R.T. -0.012 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

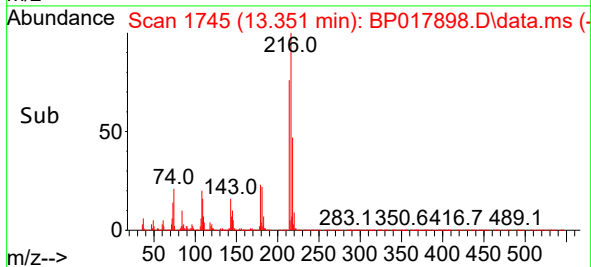
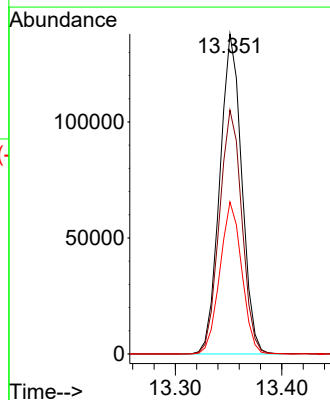
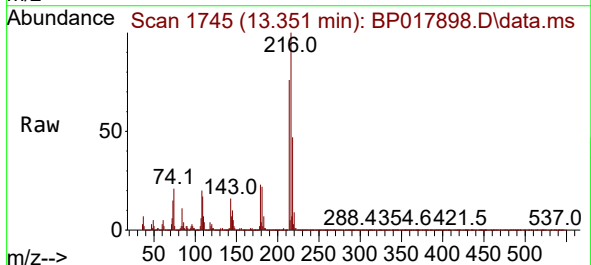
Tgt Ion:216 Resp: 197164

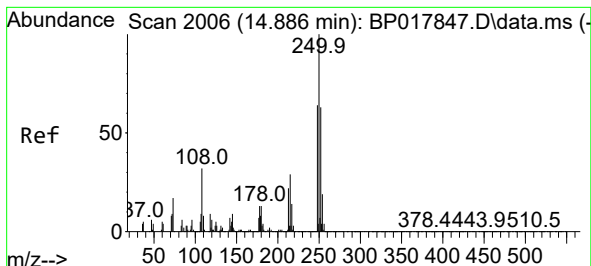
Ion Ratio Lower Upper

216 100

214 76.2 60.7 91.1

218 47.5 38.2 57.4





#76

Pentachlorobenzene

Concen: 18.892 ng/uL

RT: 14.869 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

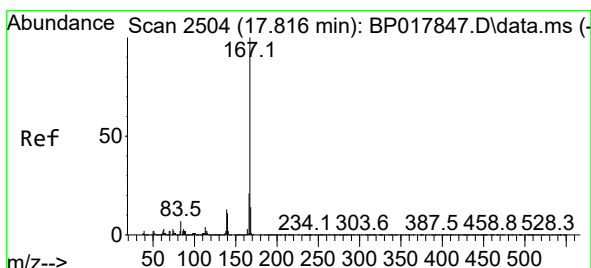
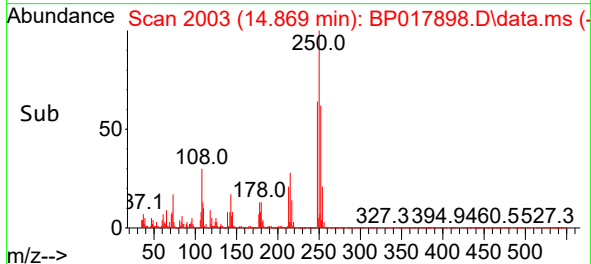
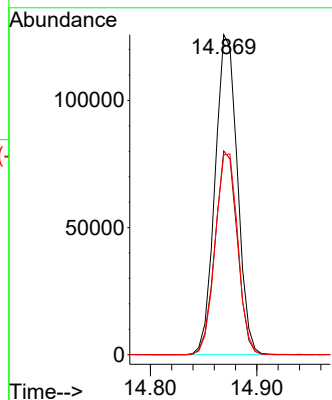
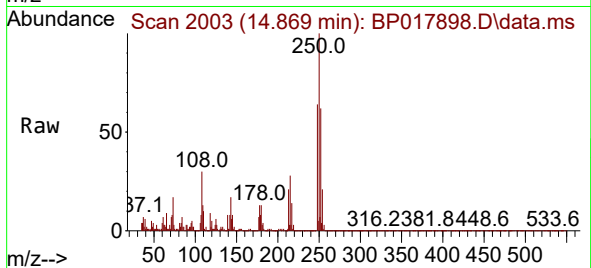
Tgt Ion:250 Resp: 182967

Ion Ratio Lower Upper

250 100

248 63.6 50.2 75.4

252 62.4 49.6 74.4



#77

Carbazole

Concen: 20.311 ng/uL

RT: 17.798 min Scan# 2501

Delta R.T. -0.012 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

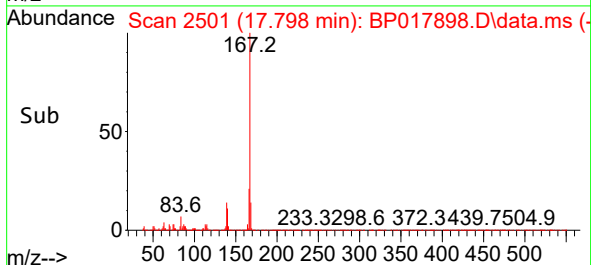
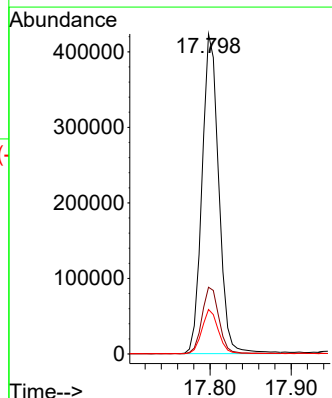
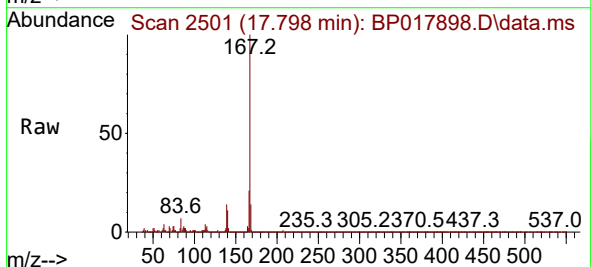
Tgt Ion:167 Resp: 606565

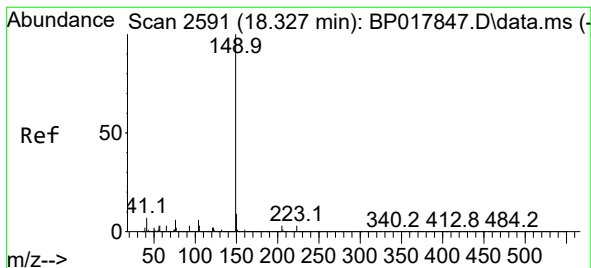
Ion Ratio Lower Upper

167 100

166 20.9 16.7 25.1

139 13.9 9.8 14.6





#78

Di-n-butylphthalate

Concen: 23.224 ng/ul

RT: 18.310 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

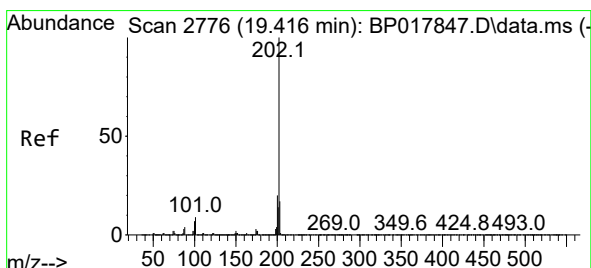
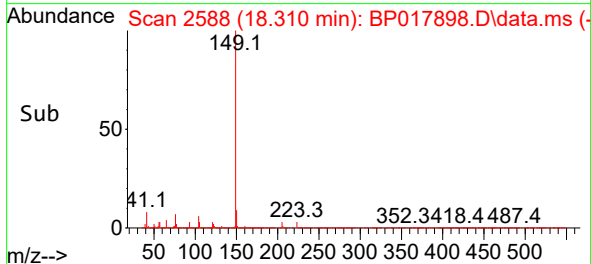
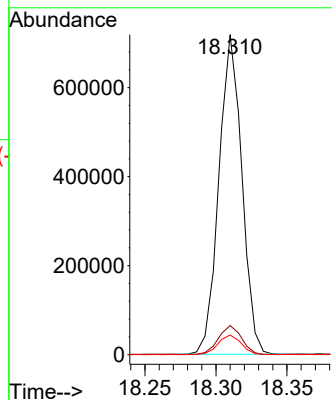
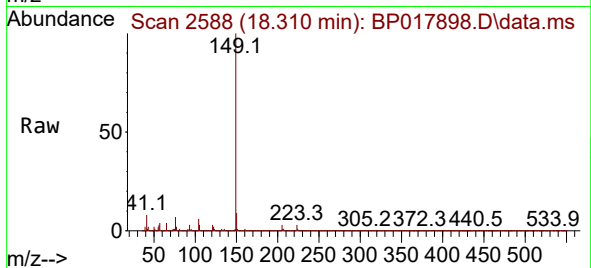
Tgt Ion:149 Resp: 805192

Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 6.2 4.3 6.5



#80

Fluoranthene

Concen: 23.028 ng/ul

RT: 19.398 min Scan# 2773

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

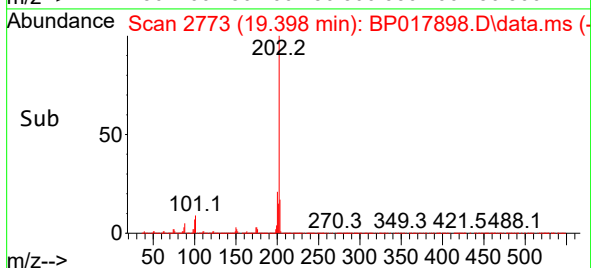
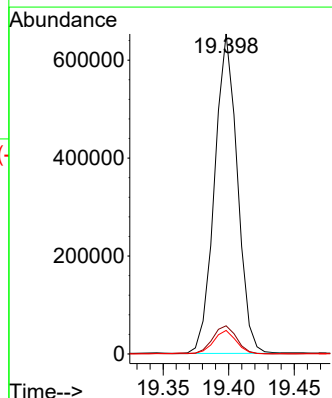
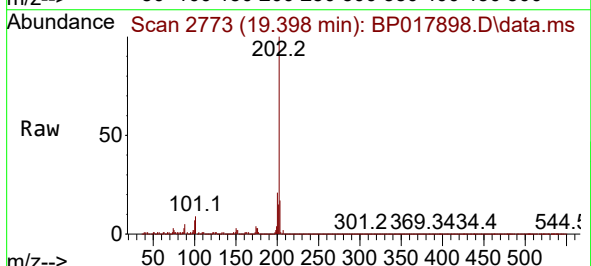
Tgt Ion:202 Resp: 786954

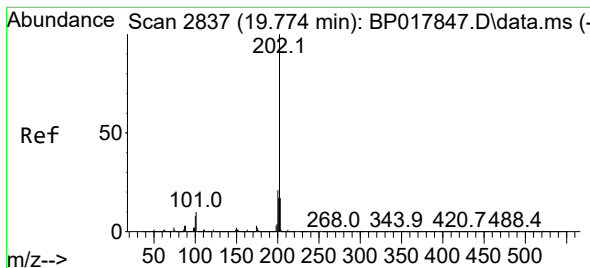
Ion Ratio Lower Upper

202 100

101 8.8 7.1 10.7

100 7.4 5.7 8.5





#82

Pyrene

Concen: 22.043 ng/ul

RT: 19.757 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

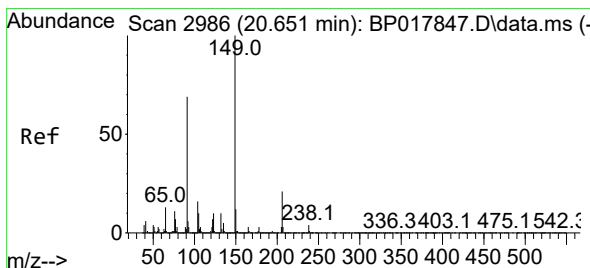
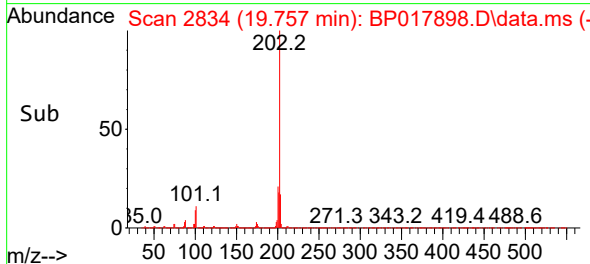
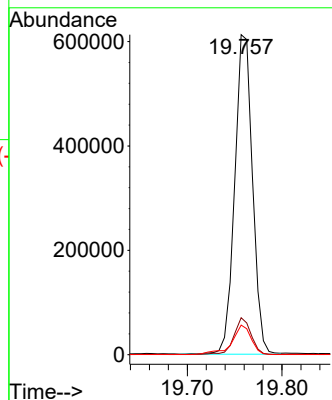
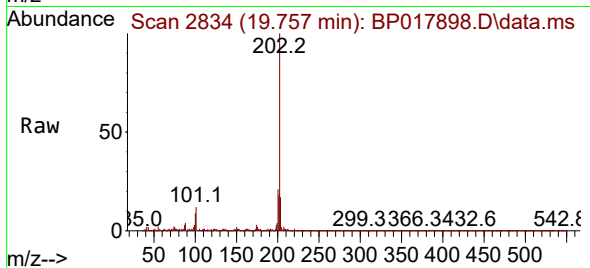
Tgt Ion:202 Resp: 798088

Ion Ratio Lower Upper

202 100

101 11.6 8.3 12.5

100 9.3 7.4 11.0



#83

Butylbenzylphthalate

Concen: 27.994 ng/ul

RT: 20.633 min Scan# 2983

Delta R.T. -0.000 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

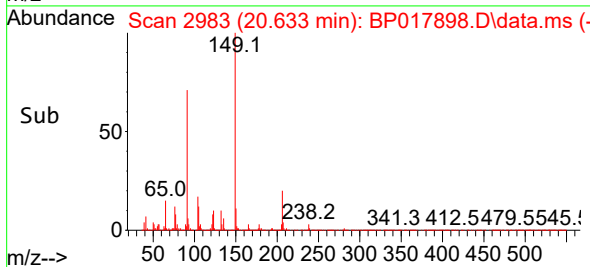
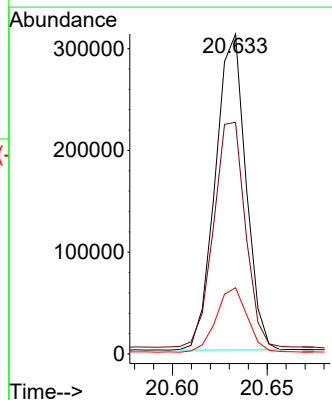
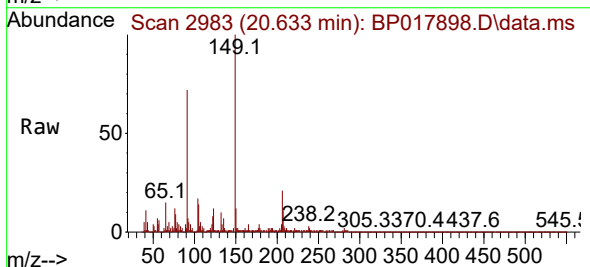
Tgt Ion:149 Resp: 348603

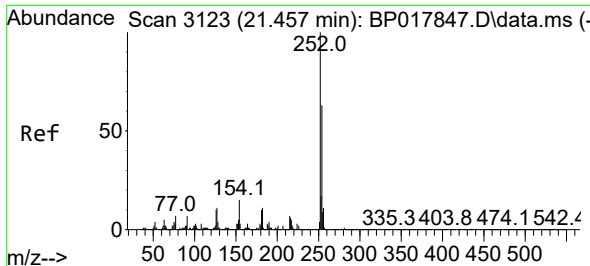
Ion Ratio Lower Upper

149 100

91 72.4 58.8 88.2

206 20.7 17.5 26.3

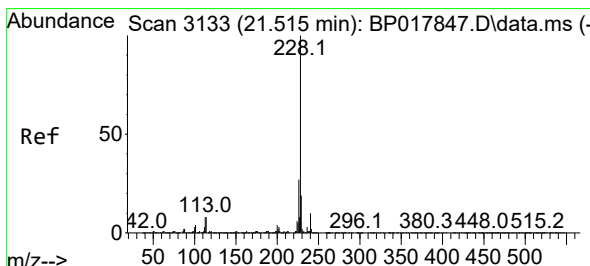
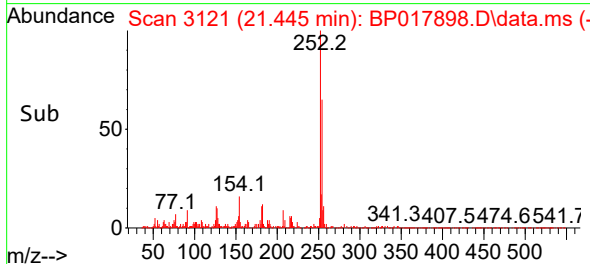
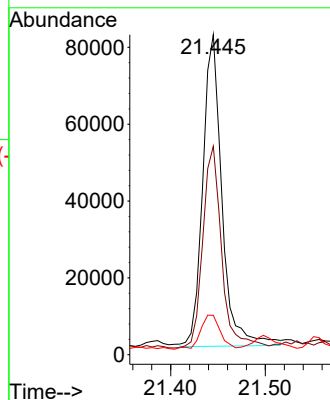
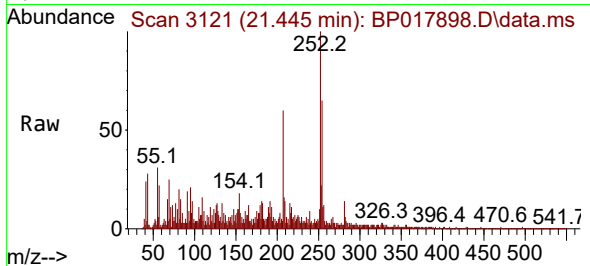




#84
3,3'-Dichlorobenzidine
Concen: 10.671 ng/ul
RT: 21.445 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

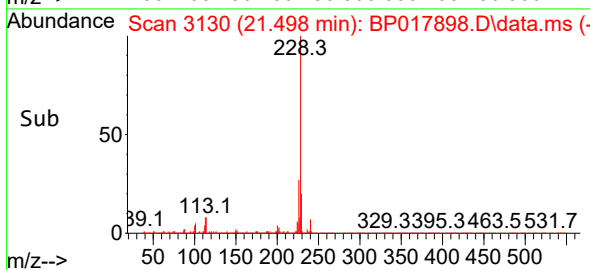
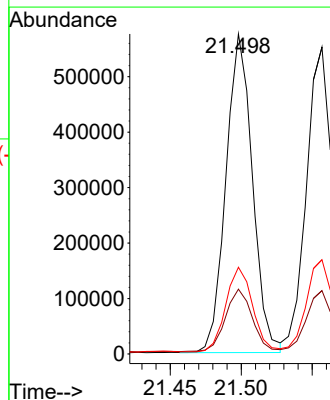
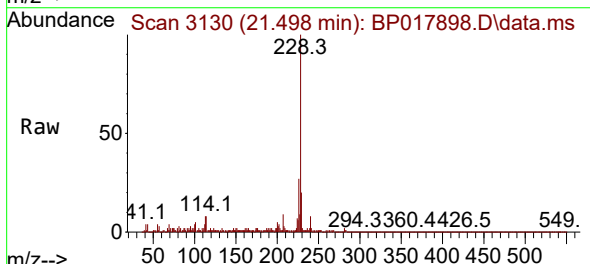
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

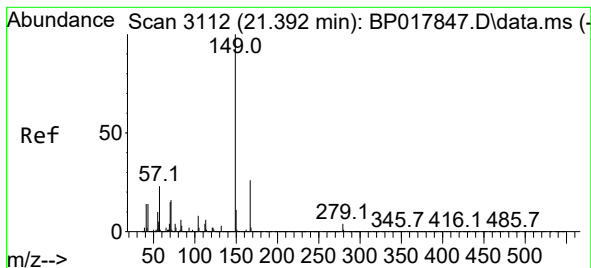
Tgt Ion:252 Resp: 114377
Ion Ratio Lower Upper
252 100
254 65.1 51.8 77.8
126 12.3 7.8 11.6#



#85
Benzo(a)anthracene
Concen: 20.711 ng/ul
RT: 21.498 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:228 Resp: 746981
Ion Ratio Lower Upper
228 100
229 20.3 15.6 23.4
226 27.1 21.1 31.7

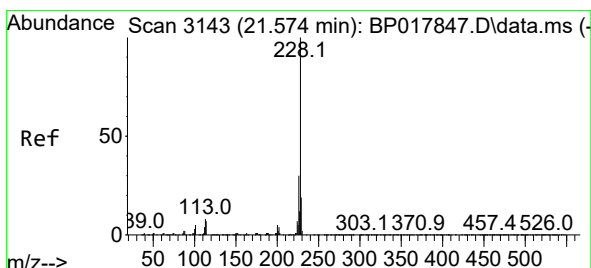
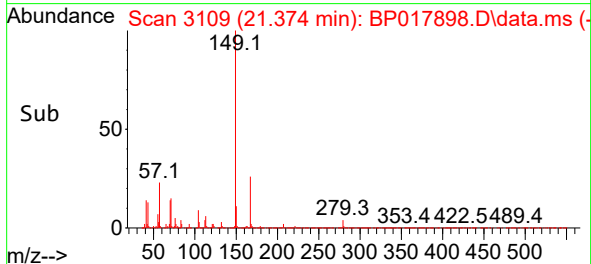
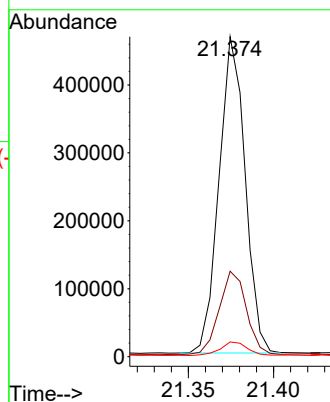
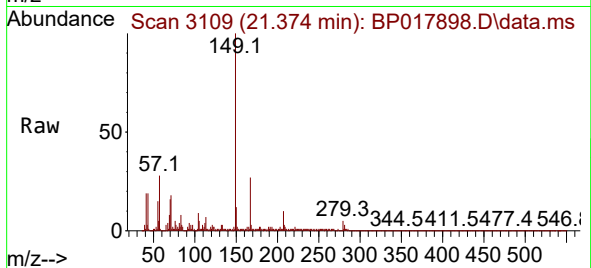




#86
Bis(2-ethylhexyl)phthalate
Concen: 28.559 ng/ul
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

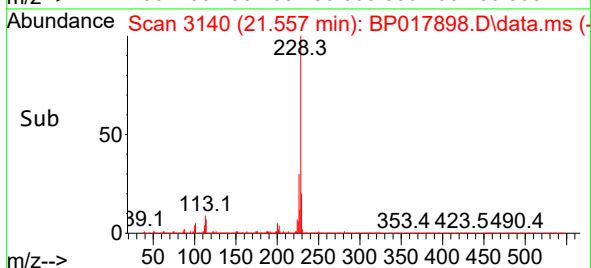
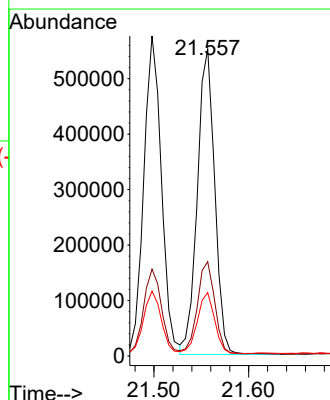
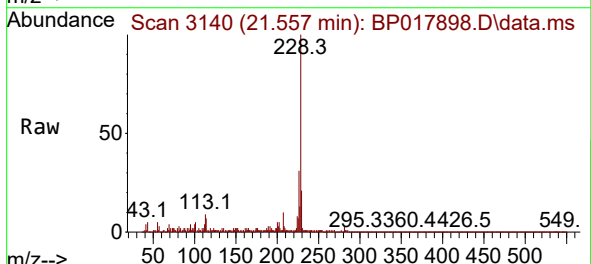
Instrument :
BNA_P
ClientSampleId :
DCKH3MSD

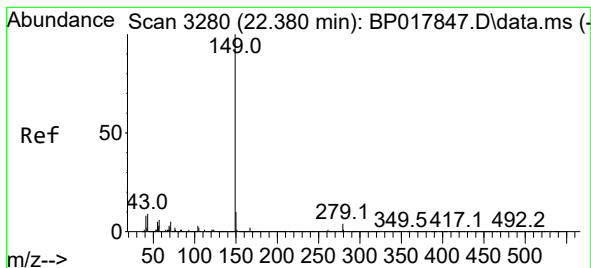
Tgt Ion:149 Resp: 496458
Ion Ratio Lower Upper
149 100
167 26.7 21.6 32.4
279 4.6 3.6 5.4



#87
Chrysene
Concen: 20.614 ng/ul
RT: 21.557 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP017898.D
Acq: 02 Nov 2023 21:44

Tgt Ion:228 Resp: 703062
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 20.6 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 25.354 ng/ul

RT: 22.357 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

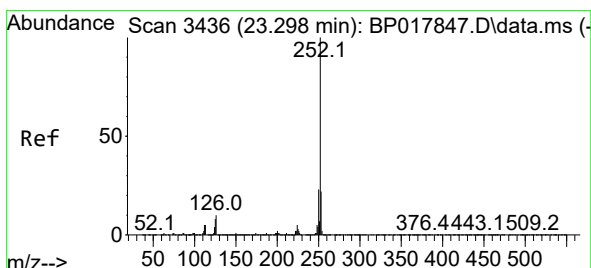
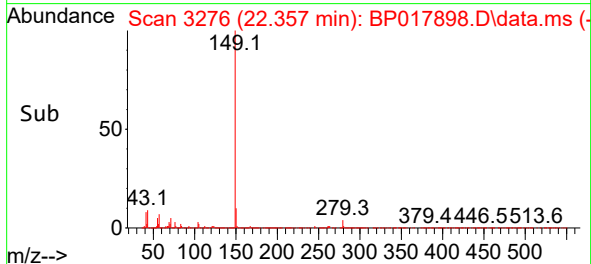
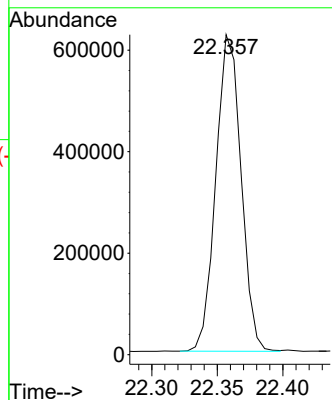
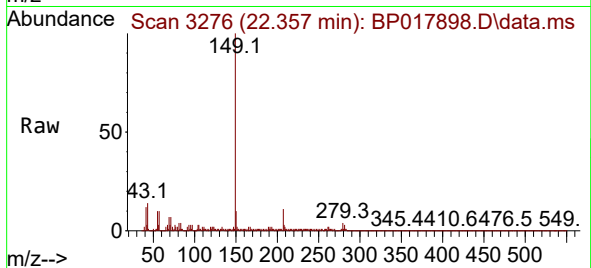
Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

Tgt Ion:149 Resp: 832655



#90

Benzo(b)fluoranthene

Concen: 20.665 ng/ul

RT: 23.280 min Scan# 3433

Delta R.T. 0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

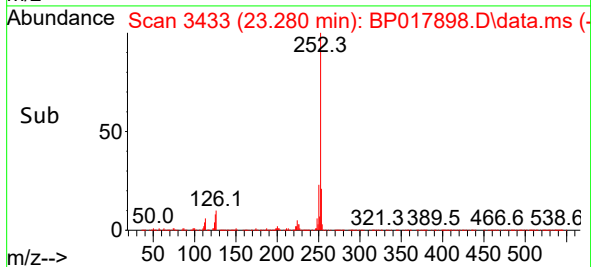
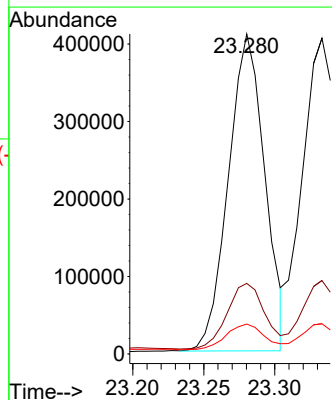
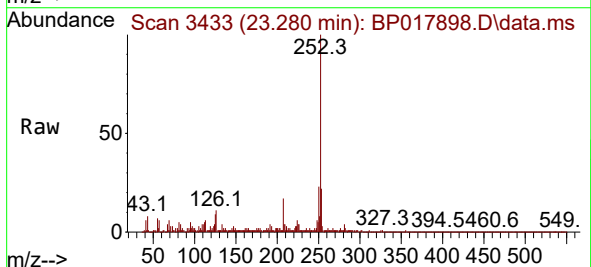
Tgt Ion:252 Resp: 729188

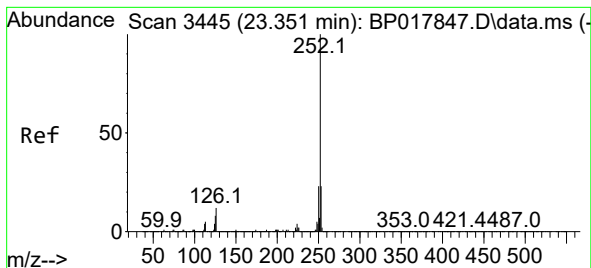
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.4 7.1 10.7





#91

Benzo(k)fluoranthene

Concen: 19.949 ng/ul

RT: 23.333 min Scan# 3445

Delta R.T. 0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

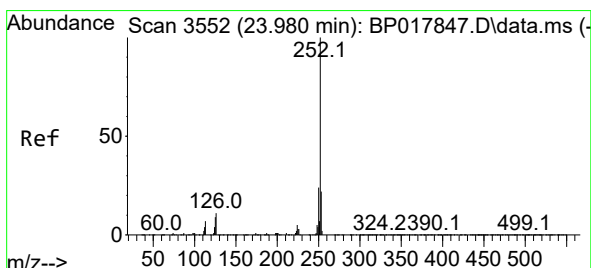
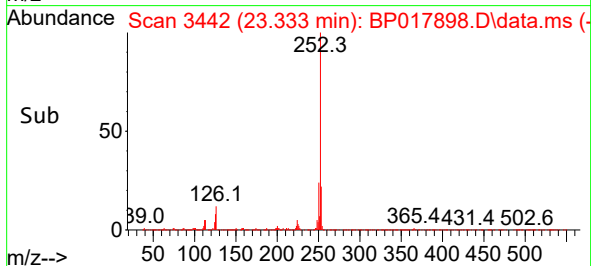
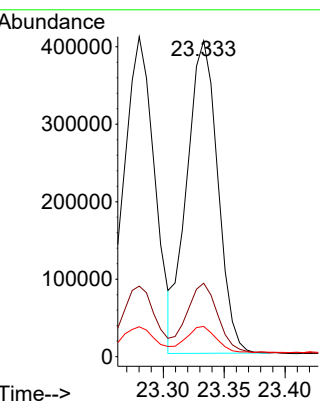
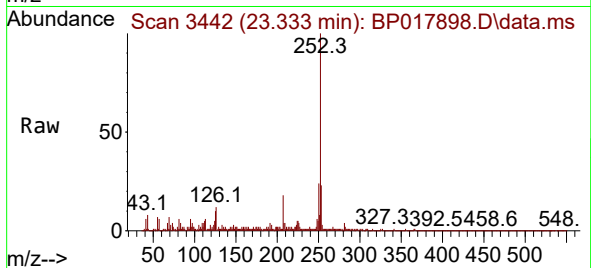
Tgt Ion:252 Resp: 713424

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 9.6 7.0 10.6



#93

Benzo(a)pyrene

Concen: 19.939 ng/ul

RT: 23.963 min Scan# 3549

Delta R.T. 0.006 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

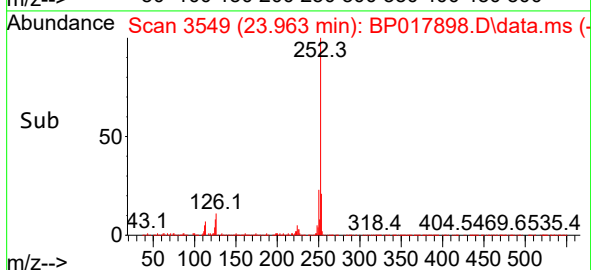
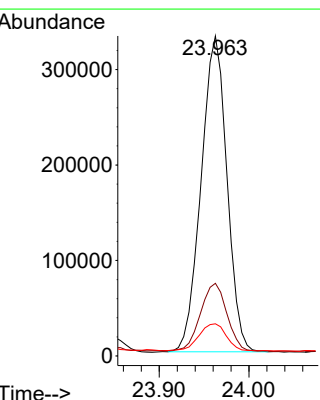
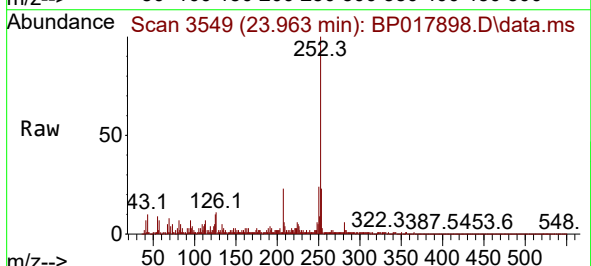
Tgt Ion:252 Resp: 660511

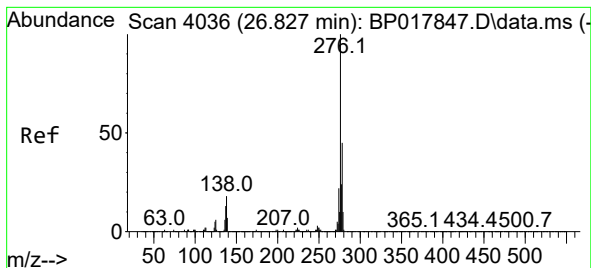
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 10.0 7.8 11.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 20.306 ng/ul

RT: 26.804 min Scan# 4036

Delta R.T. 0.023 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD

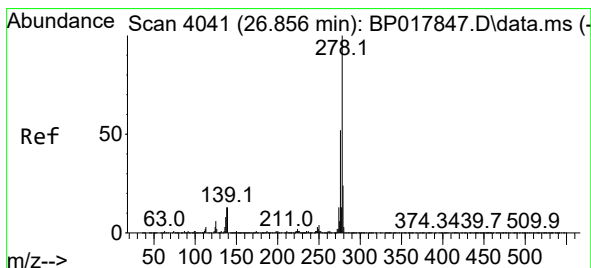
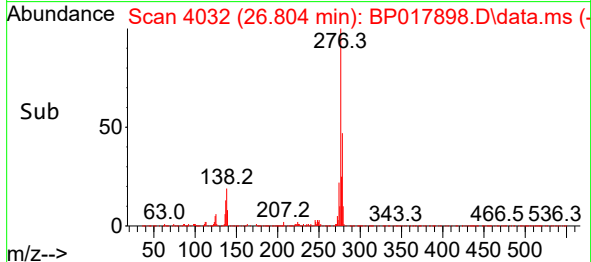
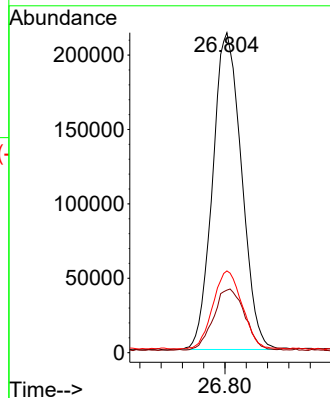
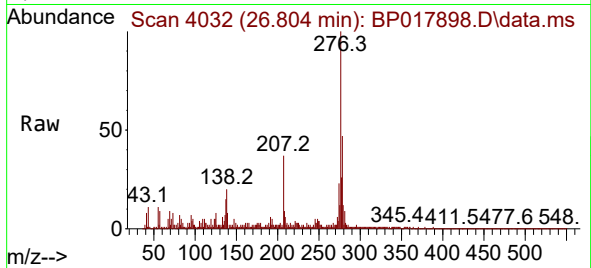
Tgt Ion:276 Resp: 801702

Ion Ratio Lower Upper

276 100

138 19.6 15.6 23.4

277 25.5 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 19.715 ng/ul

RT: 26.833 min Scan# 4037

Delta R.T. 0.023 min

Lab File: BP017898.D

Acq: 02 Nov 2023 21:44

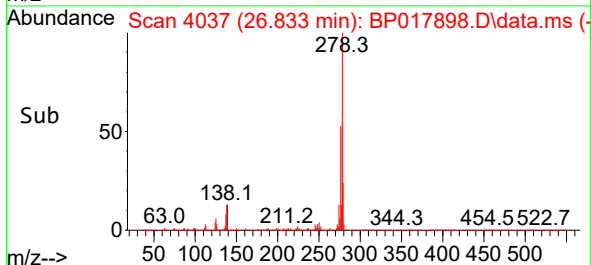
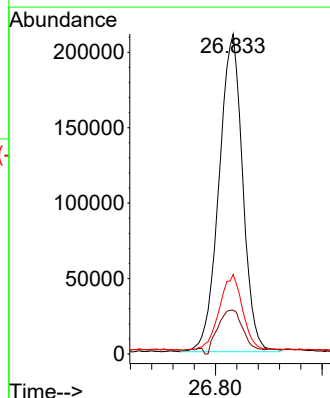
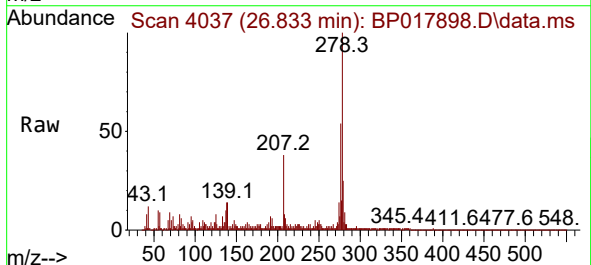
Tgt Ion:278 Resp: 649448

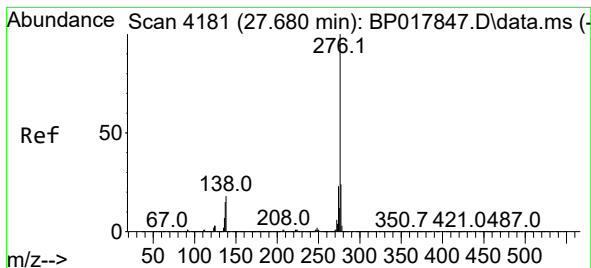
Ion Ratio Lower Upper

278 100

139 13.7 11.4 17.2

279 24.8 18.8 28.2





#96

Benzo(g,h,i)perylene

Concen: 19.920 ng/ul

RT: 27.656 min Scan# 41

Delta R.T. 0.029 min

Lab File: BP017898.D

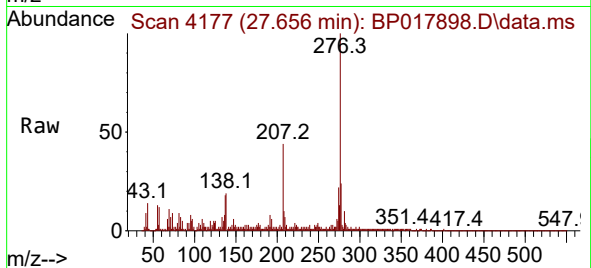
Acq: 02 Nov 2023 21:44

Instrument :

BNA_P

ClientSampleId :

DCKH3MSD



Tgt Ion:276 Resp: 633655

Ion Ratio Lower Upper

276 100

138 18.9 15.0 22.6

277 23.8 18.5 27.7

