

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031623\
 Data File : BP014113.D
 Acq On : 16 Mar 2023 21:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020778

Quant Time: Mar 17 01:02:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 00:57:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	142055	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	634874	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.704	164	446984	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1033556	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	1061248	20.000	ng/u1	# 0.00
88) Perylene-d12	24.080	264	1078341	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	29685	7.895	ng/uL	0.00
4) Pyridine-d5	3.858	84	195369	18.768	ng/u1	0.00
7) Phenol-d5	7.216	99	262650	20.952	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	161079	22.032	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	195834	20.504	ng/u1	0.00
15) 4-Methylphenol-d8	8.775	113	216909	21.183	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	101113	19.961	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	118273	19.505	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	219928	19.276	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	297782	19.722	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	726444	19.150	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	795474	19.795	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	125898	18.833	ng/u1	0.00
60) Fluorene-d10	15.698	176	609905	18.971	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	143265	18.340	ng/u1	0.00
73) Anthracene-d10	17.563	188	985835	19.648	ng/u1	0.00
81) Pyrene-d10	19.786	212	1209937	20.672	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.916	264	1142803	19.923	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.458	88	32108	7.911	ng/uL	93
5) Pyridine	3.875	79	203981	19.322	ng/u1	93
6) Benzaldehyde	7.199	77	157827	25.303	ng/u1	98
8) Phenol	7.246	94	273546	21.159	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.475	93	215650	21.773	ng/u1	98
12) 2-Chlorophenol	7.622	128	203434	21.141	ng/u1	96
13) 2-Methylphenol	8.510	108	203689	21.189	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.593	45	268429	25.096	ng/u1	100
16) Acetophenone	8.893	105	356937	21.577	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.875	70	191086	22.580	ng/u1	97
18) 4-Methylphenol	8.834	108	231942	21.936	ng/u1	98
19) Hexachloroethane	9.152	117	88587	21.019	ng/u1	98
22) Nitrobenzene	9.281	77	277648	20.490	ng/u1	99
23) Isophorone	9.805	82	537198	20.586	ng/u1	97
25) 2-Nitrophenol	9.993	139	124466	19.916	ng/u1	94
26) 2,4-Dimethylphenol	10.052	107	275826	20.164	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.287	93	312792	20.723	ng/u1	98
29) 2,4-Dichlorophenol	10.534	162	219417	19.495	ng/u1	97
30) Naphthalene	10.934	128	695971	19.963	ng/u1	99
32) 4-Chloroaniline	11.052	127	300538	19.780	ng/u1	99
33) Hexachlorobutadiene	11.216	225	158713	17.721	ng/u1	97
34) Caprolactam	11.840	113	67380	18.438	ng/u1	94
35) 4-Chloro-3-methylphenol	12.163	107	265142	20.373	ng/u1	96
36) 2-Methylnaphthalene	12.540	142	474586	19.408	ng/u1	100

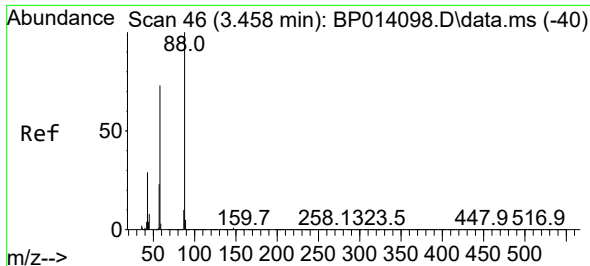
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	484739	19.723	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.898	216	296809	18.363	ng/ul	97
40) Hexachlorocyclopentadiene	12.875	237	182297	15.750	ng/ul	97
41) 2,4,6-Trichlorophenol	13.140	196	194535	19.159	ng/ul	99
42) 2,4,5-Trichlorophenol	13.216	196	211909	19.017	ng/ul	97
43) 1,1'-Biphenyl	13.540	154	684063	19.878	ng/ul	99
44) 2-Chloronaphthalene	13.587	162	539696	19.746	ng/ul	98
45) 2-Nitroaniline	13.793	65	176037	21.777	ng/ul	92
47) Dimethylphthalate	14.157	163	721036	19.203	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	146936	19.793	ng/ul	98
50) Acenaphthylene	14.428	152	847170	20.088	ng/ul	99
51) 3-Nitroaniline	14.616	138	140165	21.325	ng/ul	92
52) Acenaphthene	14.769	153	591426	20.060	ng/ul	100
53) 2,4-Dinitrophenol	14.822	184	89628	16.167	ng/ul	95
55) 4-Nitrophenol	14.922	109	119463	16.544	ng/ul	88
56) Dibenzofuran	15.104	168	836521	19.504	ng/ul	100
57) 2,4-Dinitrotoluene	15.069	165	214705	19.358	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.328	232	199843	18.745	ng/ul	98
59) Diethylphthalate	15.516	149	741821	19.479	ng/ul	99
61) Fluorene	15.751	166	689163	19.384	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.745	204	362390	18.468	ng/ul	98
63) 4-Nitroaniline	15.781	138	144064	21.323	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.834	198	139038	18.656	ng/ul#	96
67) N-Nitrosodiphenylamine	15.957	169	599132	20.525	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	238267	19.069	ng/ul	95
69) Hexachlorobenzene	16.763	284	274106	18.617	ng/ul	98
70) Atrazine	16.916	200	237503	18.864	ng/ul	98
71) Pentachlorophenol	17.110	266	165876	17.235	ng/ul	98
72) Phenanthrene	17.504	178	1115649	19.791	ng/ul	100
74) Anthracene	17.598	178	1145986	20.049	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.504	216	306716	19.337	ng/ul	97
76) Pentachlorobenzene	15.022	250	316077	19.183	ng/ul	98
77) Carbazole	17.869	167	1022753	20.286	ng/ul	99
78) Di-n-butylphthalate	18.398	149	1287059	20.426	ng/ul	100
80) Fluoranthene	19.463	202	1393663	20.890	ng/ul#	95
82) Pyrene	19.816	202	1451780	20.860	ng/ul#	94
83) Butylbenzylphthalate	20.669	149	608543	21.686	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	506074	18.628	ng/ul	100
85) Benzo(a)anthracene	21.527	228	1472249	19.724	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	891766	21.256	ng/ul	100
87) Chrysene	21.586	228	1418495	19.940	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	1551815	22.807	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1462026	20.347	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	1455944	21.249	ng/ul	99
93) Benzo(a)pyrene	23.968	252	1254341	20.070	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.745	276	1418301	17.143	ng/ul	97
95) Dibenzo(a,h)anthracene	26.757	278	1181683	17.184	ng/ul	98
96) Benzo(g,h,i)perylene	27.562	276	1097518	16.596	ng/ul	97

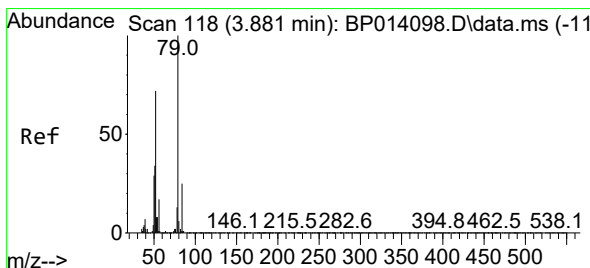
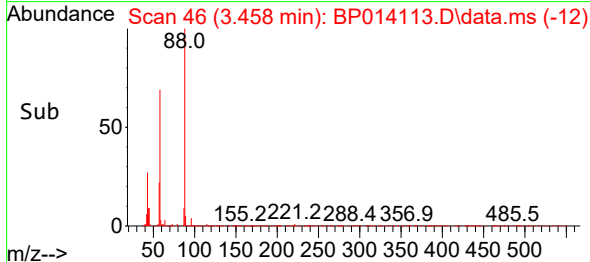
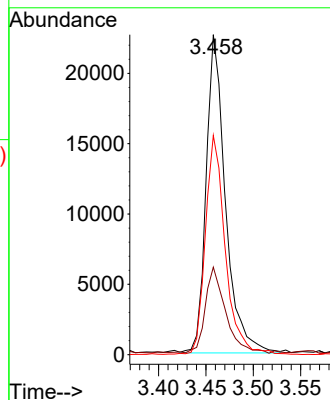
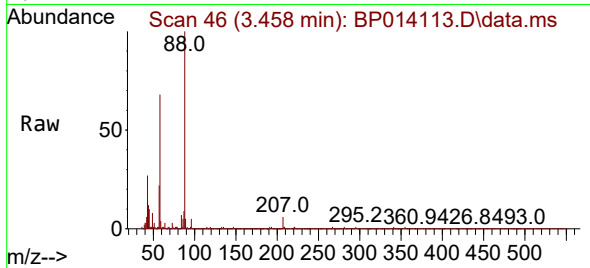
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#2
1,4-Dioxane
Concen: 7.911 ng/uL
RT: 3.458 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

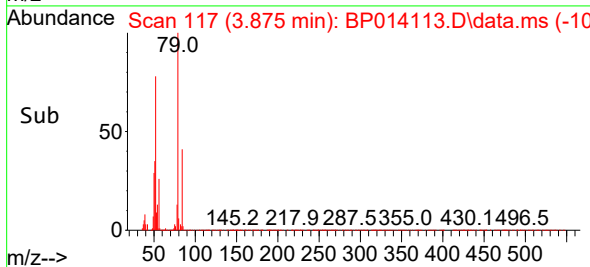
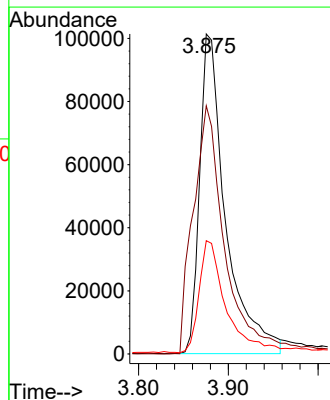
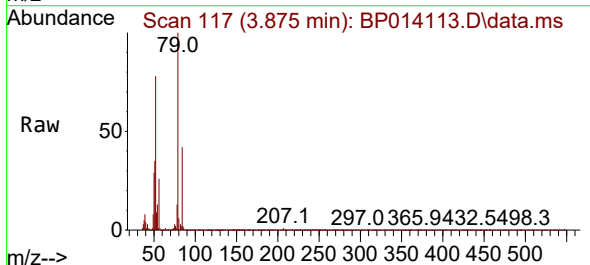
Instrument :
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ClientSampleId :
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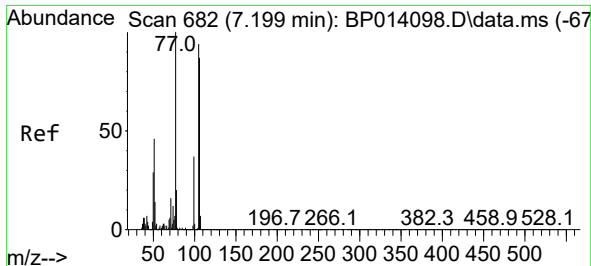
Tgt Ion: 88 Resp: 32108
Ion Ratio Lower Upper
88 100
43 27.3 23.9 35.9
58 68.5 50.2 75.2



#5
Pyridine
Concen: 19.322 ng/uL
RT: 3.875 min Scan# 117
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion: 79 Resp: 203981
Ion Ratio Lower Upper
79 100
52 77.6 55.1 82.7
51 35.4 28.9 43.3

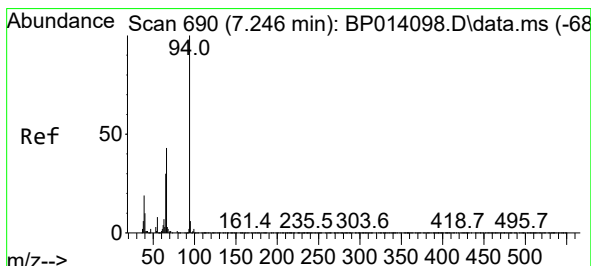
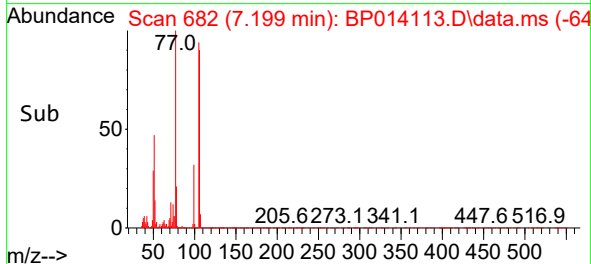
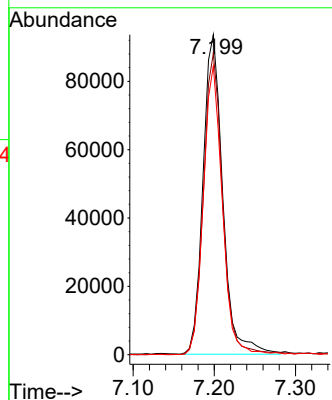
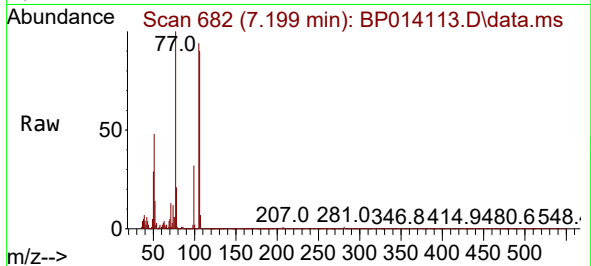




#6
Benzaldehyde
Concen: 25.303 ng/ul
RT: 7.199 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

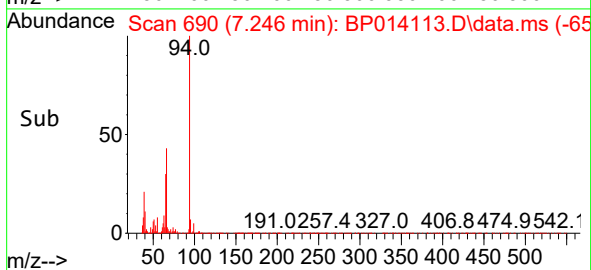
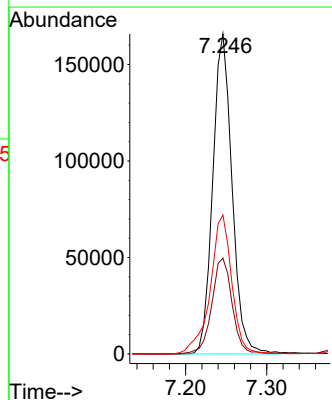
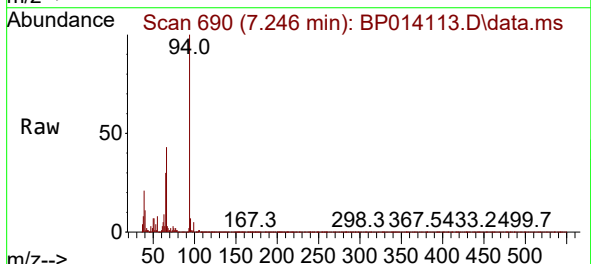
Instrument :
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ClientSampleId :
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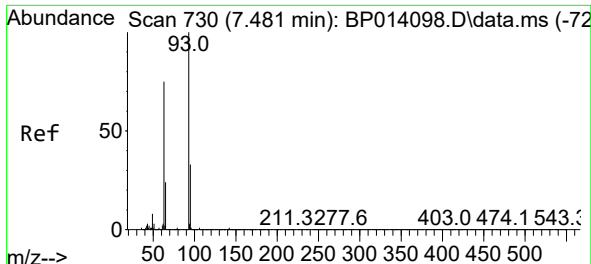
Tgt Ion: 77 Resp: 157827
Ion Ratio Lower Upper
77 100
105 94.1 74.2 111.2
106 90.2 69.8 104.8



#8
Phenol
Concen: 21.159 ng/ul
RT: 7.246 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion: 94 Resp: 273546
Ion Ratio Lower Upper
94 100
65 29.9 25.2 37.8
66 43.4 37.2 55.8

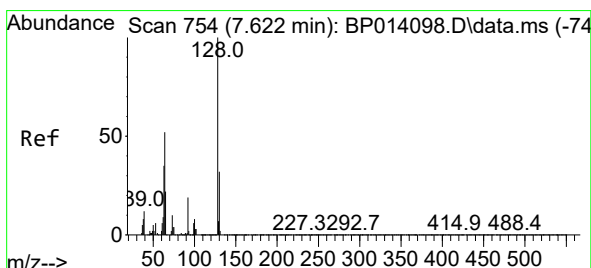
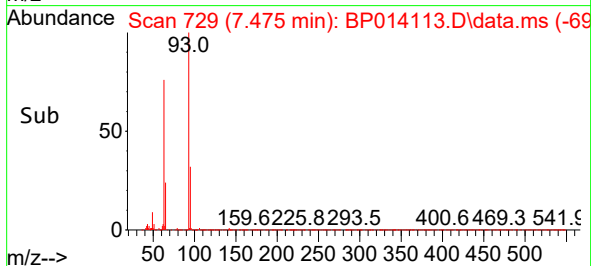
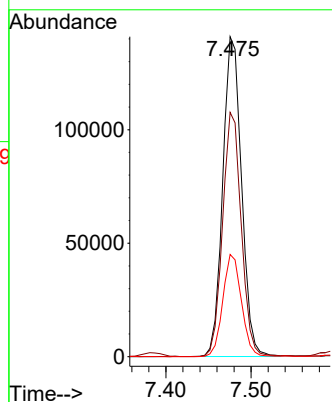
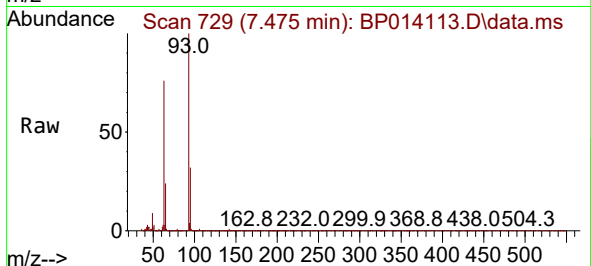




#10
Bis(2-Chloroethyl)ether
Concen: 21.773 ng/ul
RT: 7.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

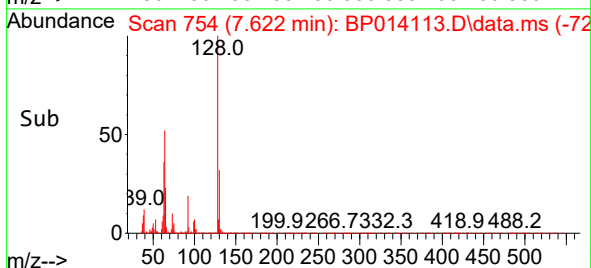
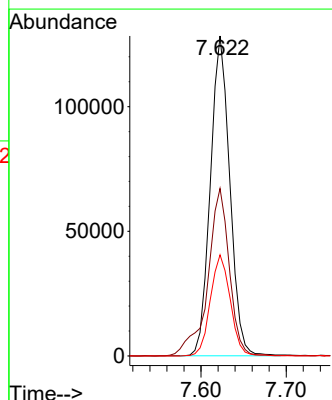
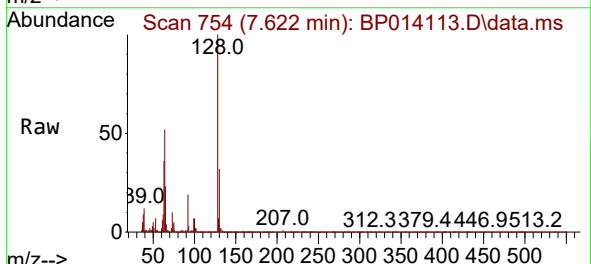
Instrument :
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ClientSampleId :
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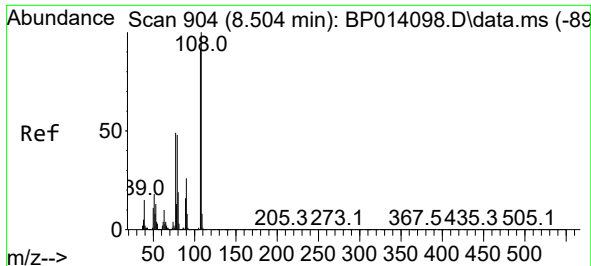
Tgt Ion: 93 Resp: 215650
Ion Ratio Lower Upper
93 100
63 76.4 58.8 88.2
95 32.0 25.8 38.6



#12
2-Chlorophenol
Concen: 21.141 ng/ul
RT: 7.622 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:128 Resp: 203434
Ion Ratio Lower Upper
128 100
64 52.3 38.3 57.5
130 31.6 25.7 38.5





#13

2-Methylphenol

Concen: 21.189 ng/ul

RT: 8.510 min Scan# 904

Delta R.T. 0.006 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

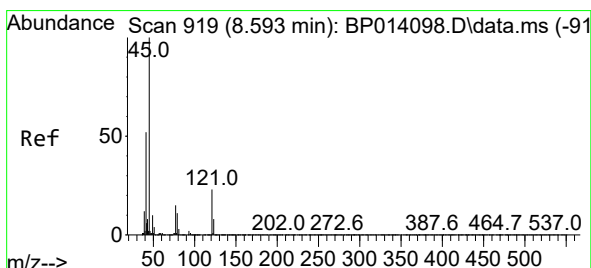
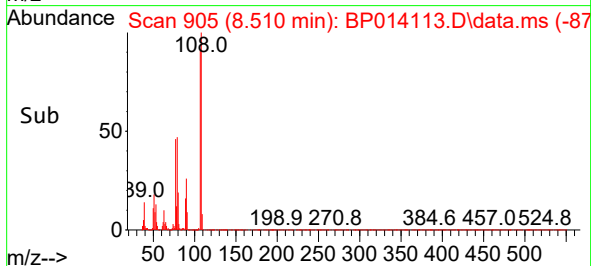
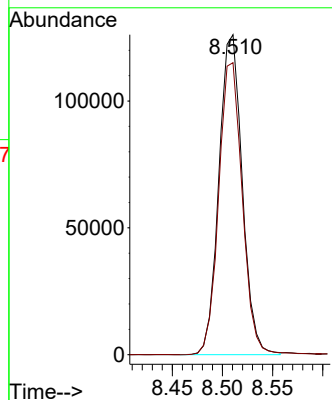
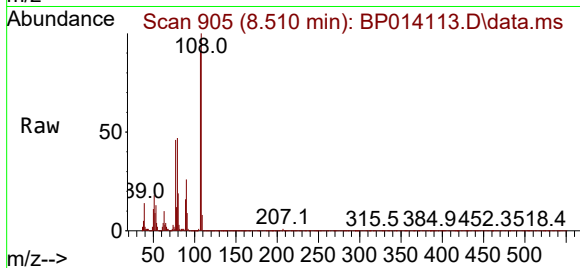
SSTD020778

Tgt Ion:108 Resp: 203689

Ion Ratio Lower Upper

108 100

107 91.2 70.5 105.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.096 ng/ul

RT: 8.593 min Scan# 919

Delta R.T. 0.000 min

Lab File: BP014113.D

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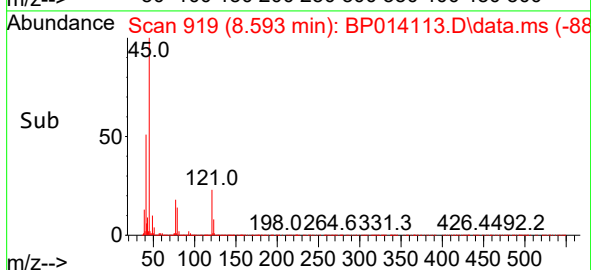
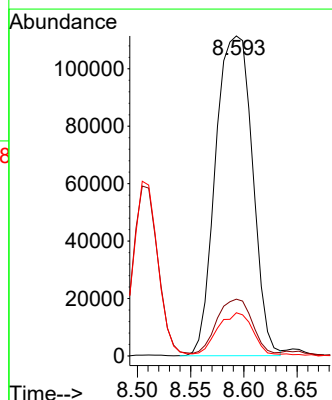
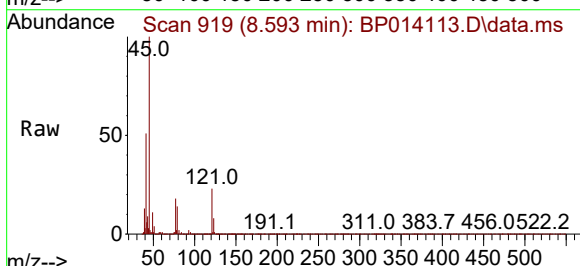
Tgt Ion: 45 Resp: 268429

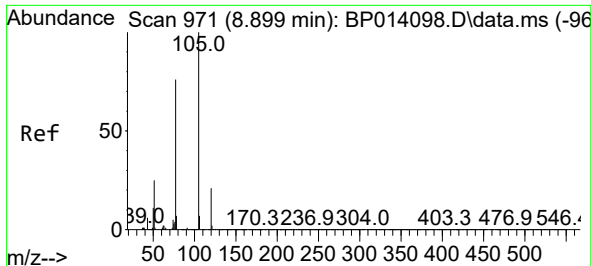
Ion Ratio Lower Upper

45 100

77 17.8 14.2 21.2

79 13.5 10.6 15.8

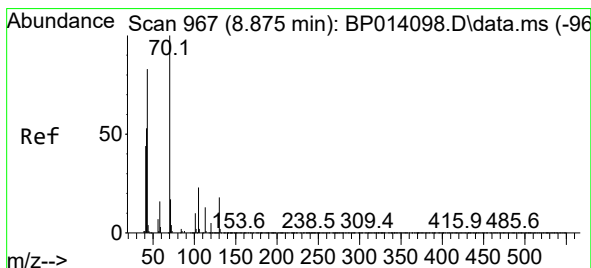
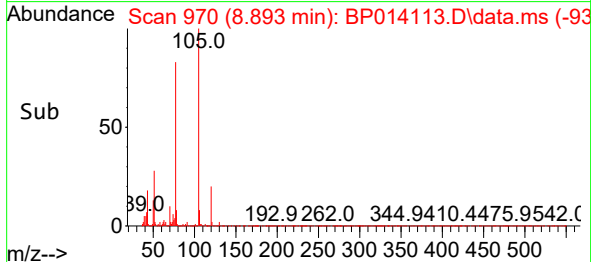
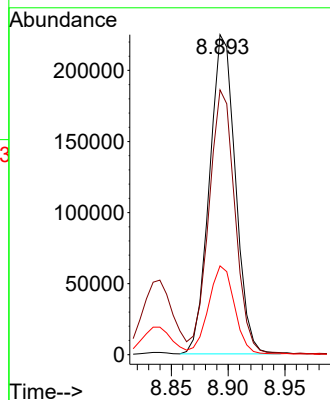
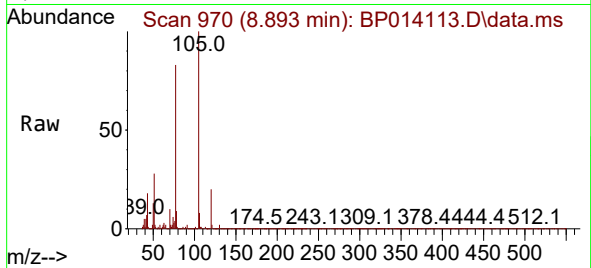




#16
Acetophenone
Concen: 21.577 ng/ul
RT: 8.893 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

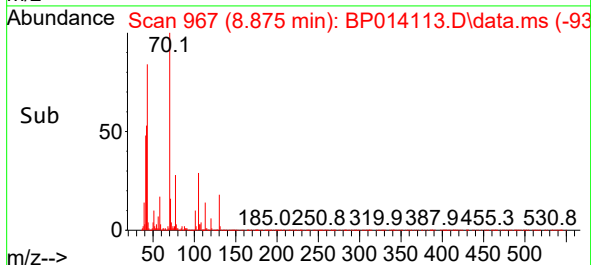
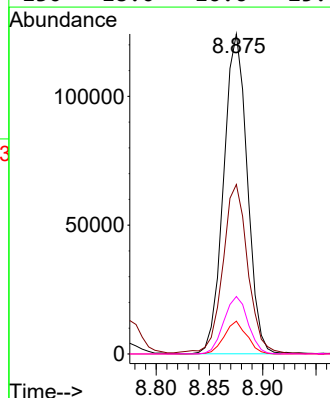
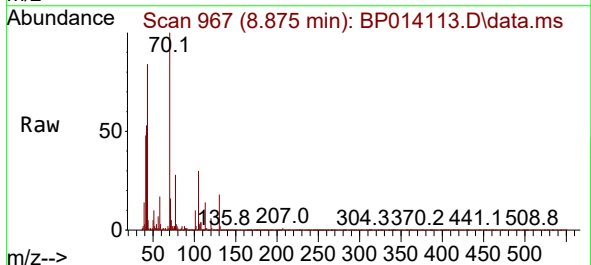
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ClientSampleId :
SSTD020778

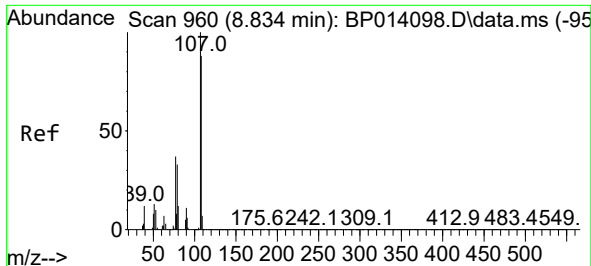
Tgt Ion:105 Resp: 356937
Ion Ratio Lower Upper
105 100
77 82.7 65.4 98.2
51 27.7 21.8 32.8



#17
N-Nitroso-di-n-propylamine
Concen: 22.580 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion: 70 Resp: 191086
Ion Ratio Lower Upper
70 100
42 53.0 40.9 61.3
101 10.2 7.9 11.9
130 18.0 16.6 25.0

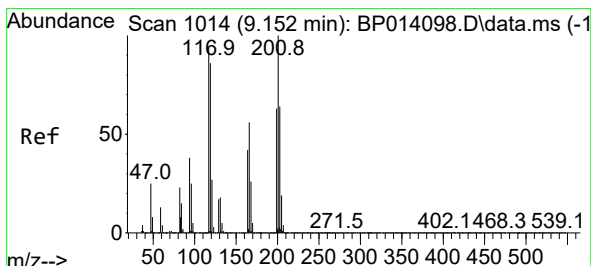
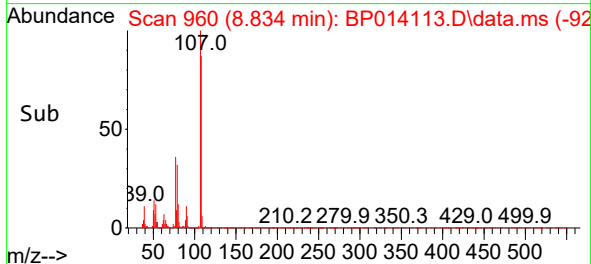
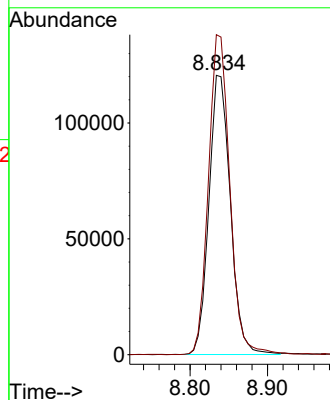
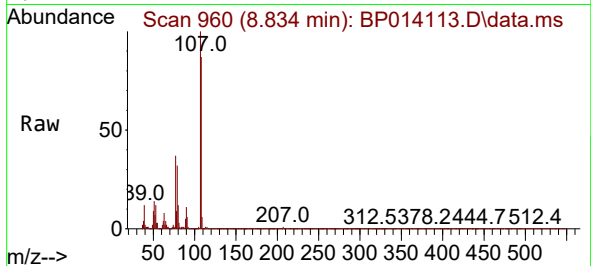




#18
4-Methylphenol
Concen: 21.936 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

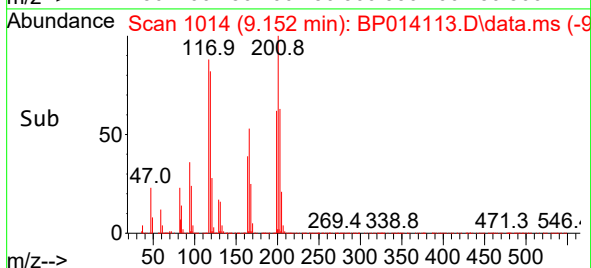
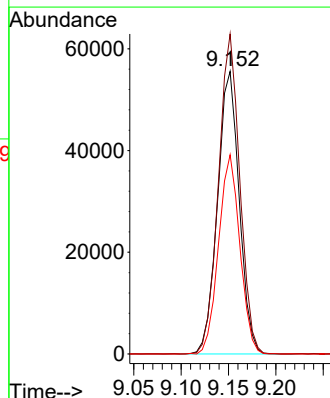
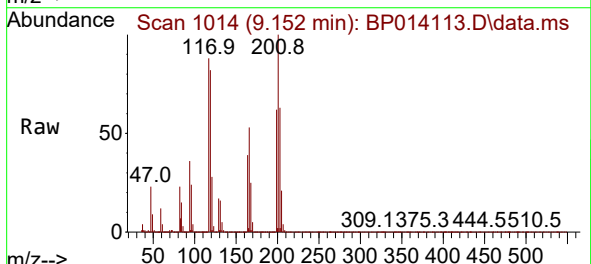
Instrument :
BNA_P
ClientSampleId :
SSTD020778

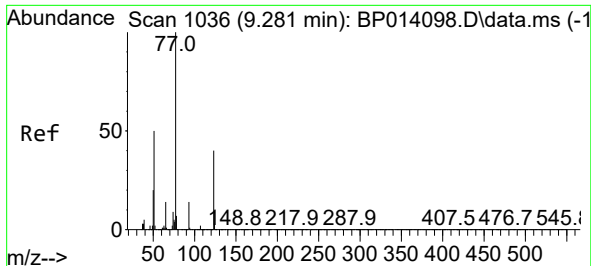
Tgt Ion:108 Resp: 231942
Ion Ratio Lower Upper
108 100
107 114.5 89.8 134.6



#19
Hexachloroethane
Concen: 21.019 ng/ul
RT: 9.152 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:117 Resp: 88587
Ion Ratio Lower Upper
117 100
201 113.2 91.7 137.5
199 70.5 59.1 88.7

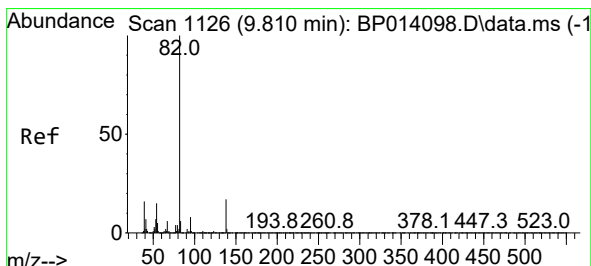
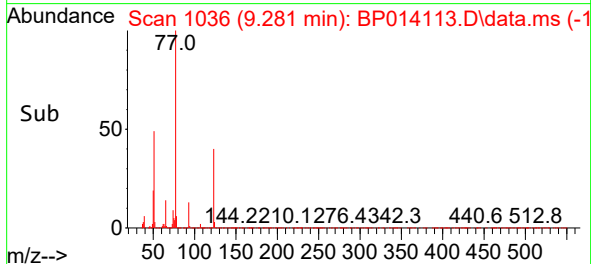
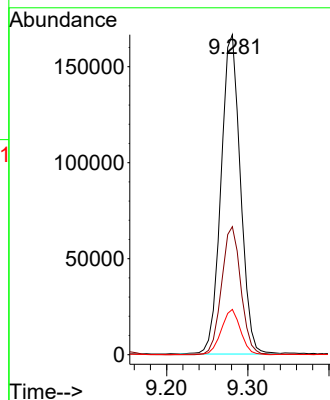
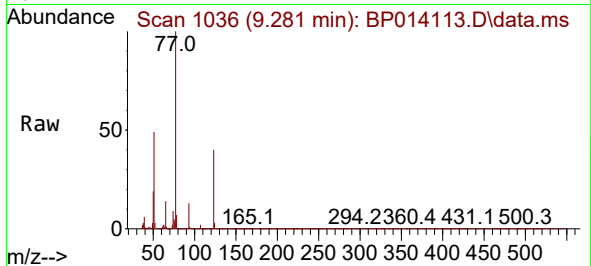




#22
Nitrobenzene
Concen: 20.490 ng/ul
RT: 9.281 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

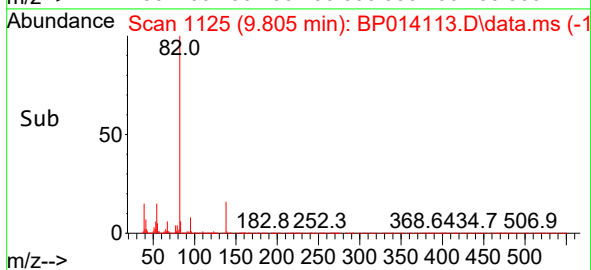
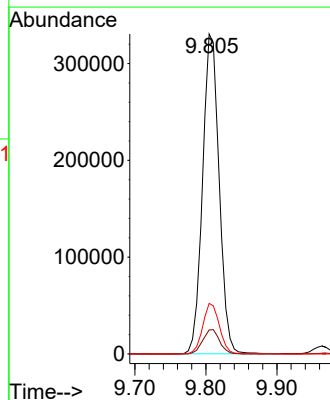
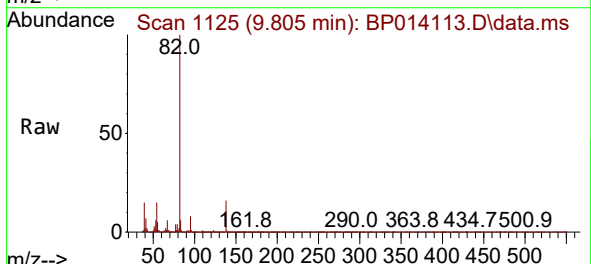
Instrument :
BNA_P
ClientSampleId :
SSTD020778

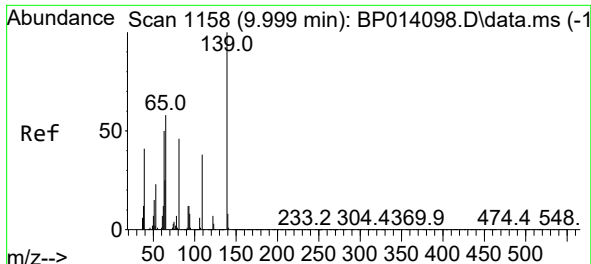
Tgt Ion: 77 Resp: 277648
Ion Ratio Lower Upper
77 100
123 40.0 32.6 48.8
65 14.2 11.2 16.8



#23
Isophorone
Concen: 20.586 ng/ul
RT: 9.805 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion: 82 Resp: 537198
Ion Ratio Lower Upper
82 100
95 7.5 7.1 10.7
138 15.8 13.3 19.9

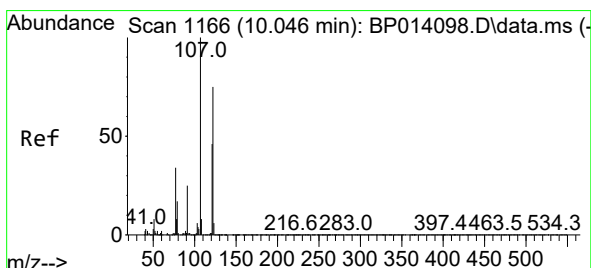
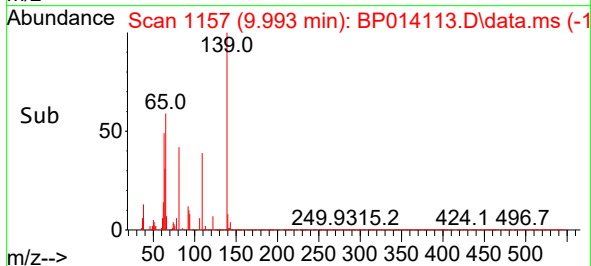
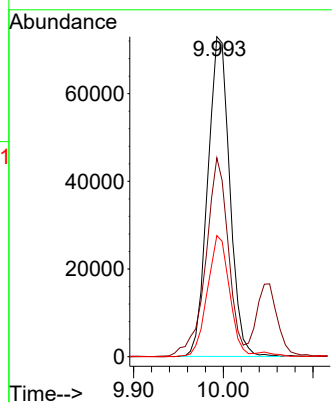
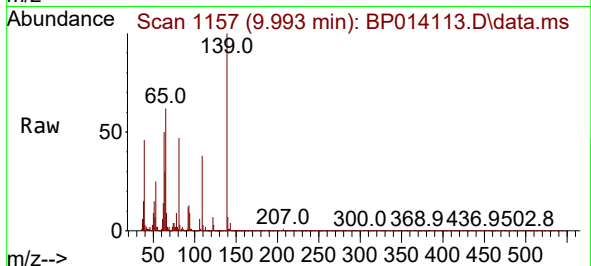




#25
2-Nitrophenol
Concen: 19.916 ng/ul
RT: 9.993 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

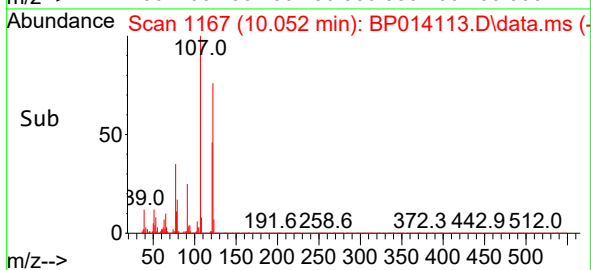
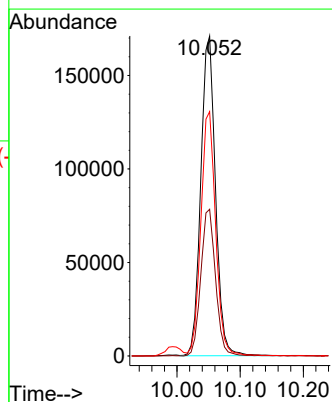
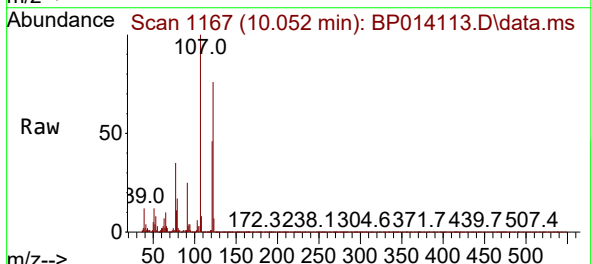
Instrument :
BNA_P
ClientSampleId :
SSTD020778

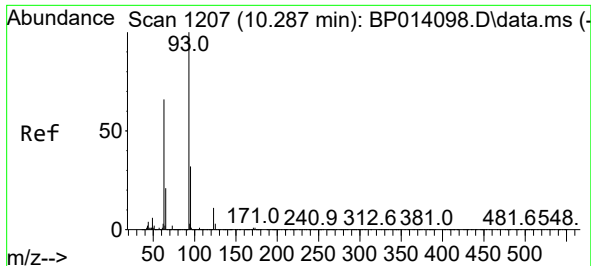
Tgt Ion:139 Resp: 124466
Ion Ratio Lower Upper
139 100
65 62.2 46.6 70.0
109 37.9 34.5 51.7



#26
2,4-Dimethylphenol
Concen: 20.164 ng/ul
RT: 10.052 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:107 Resp: 275826
Ion Ratio Lower Upper
107 100
121 45.8 37.1 55.7
122 76.4 61.2 91.8





#27

Bis(2-Chloroethoxy)methane

Concen: 20.723 ng/ul

RT: 10.287 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

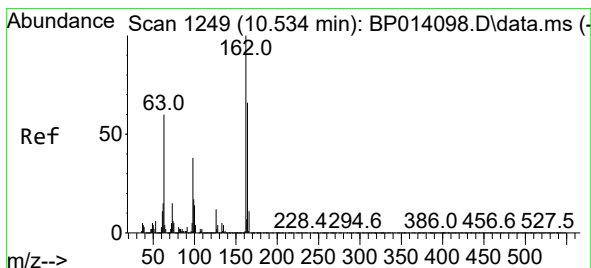
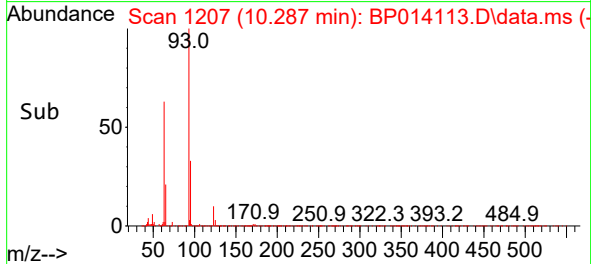
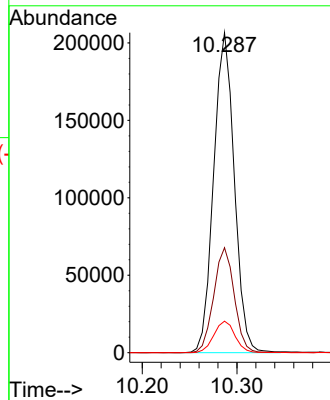
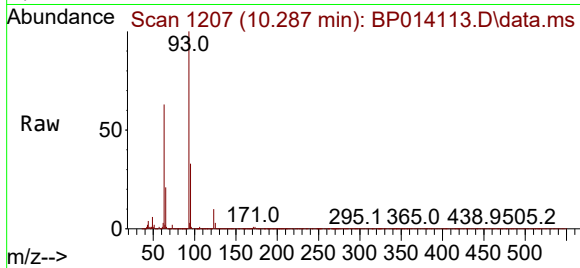
Tgt Ion: 93 Resp: 312792

Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

123 9.9 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 19.495 ng/ul

RT: 10.534 min Scan# 1249

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

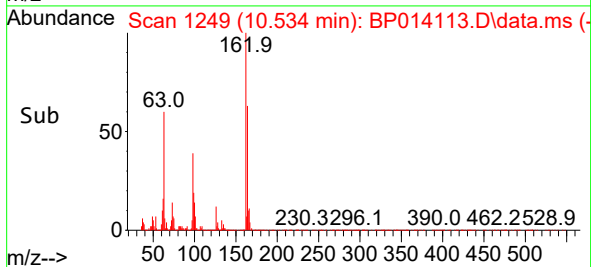
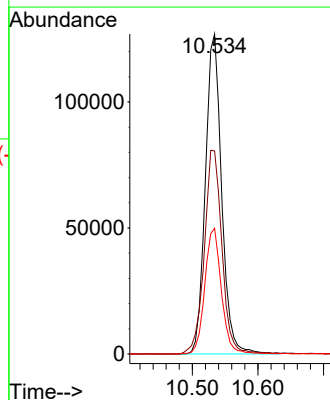
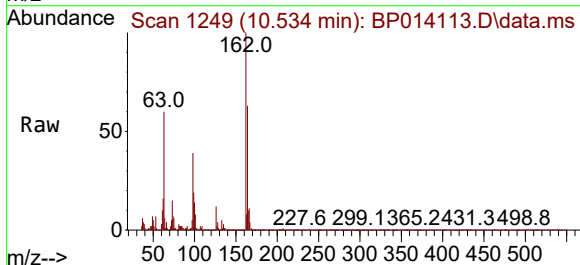
Tgt Ion: 162 Resp: 219417

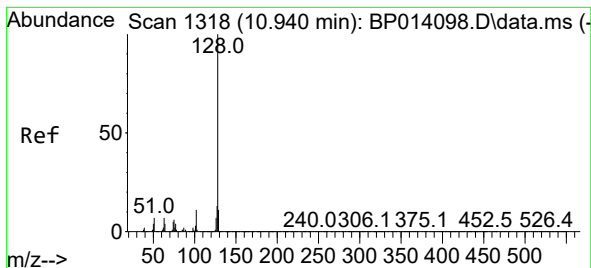
Ion Ratio Lower Upper

162 100

164 63.4 52.0 78.0

98 39.3 29.1 43.7

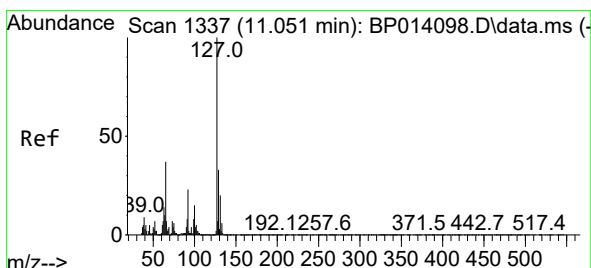
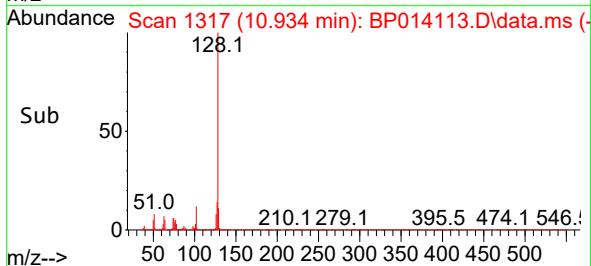
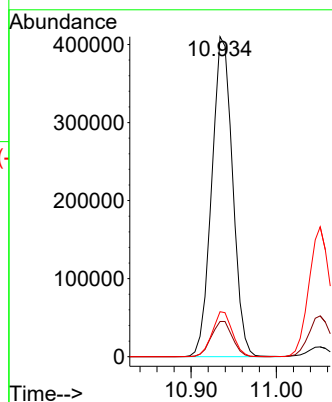
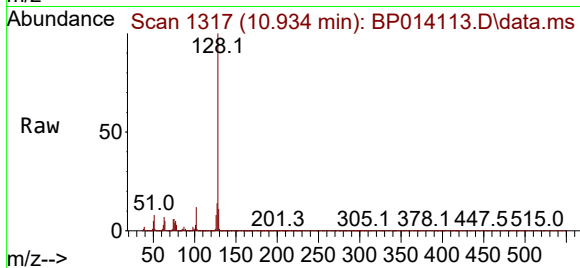




#30
Naphthalene
Concen: 19.963 ng/ul
RT: 10.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

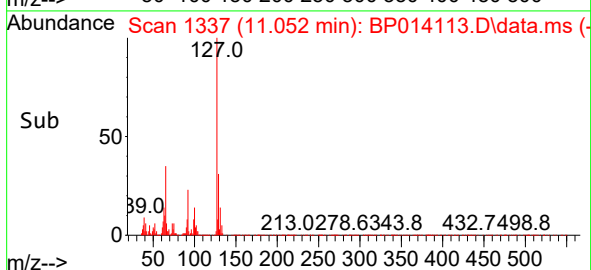
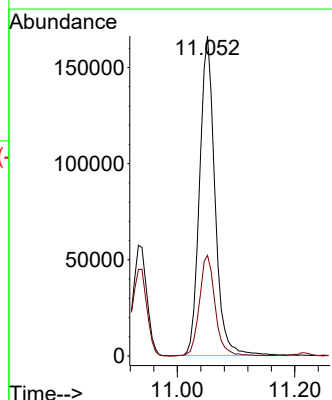
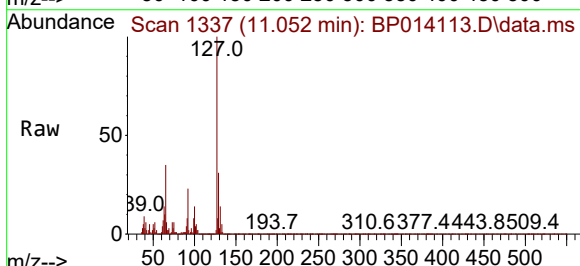
Instrument :
BNA_P
ClientSampleId :
SSTD020778

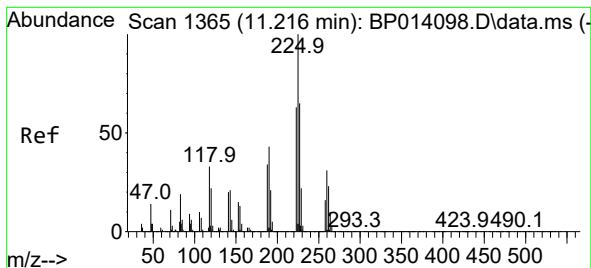
Tgt Ion:128 Resp: 695971
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 14.0 11.0 16.4



#32
4-Chloroaniline
Concen: 19.780 ng/ul
RT: 11.052 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:127 Resp: 300538
Ion Ratio Lower Upper
127 100
129 31.4 24.9 37.3





#33

Hexachlorobutadiene

Concen: 17.721 ng/ul

RT: 11.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

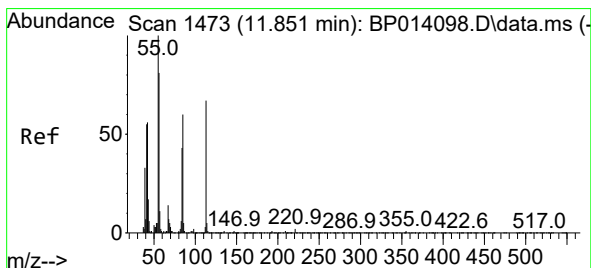
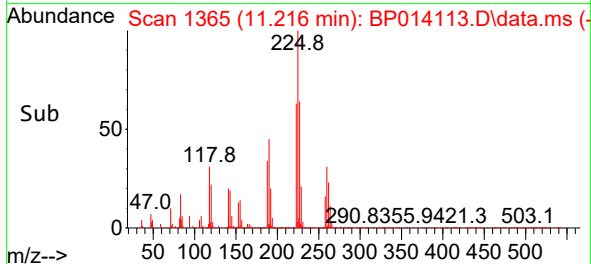
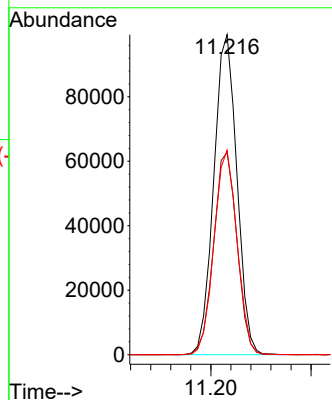
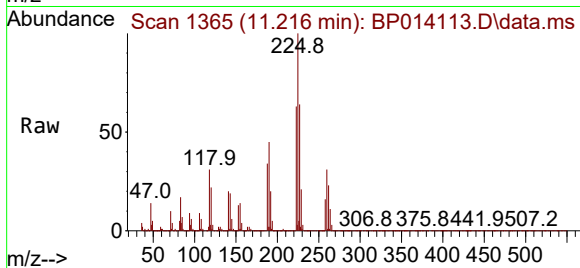
Tgt Ion:225 Resp: 158713

Ion Ratio Lower Upper

225 100

223 63.2 48.0 72.0

227 63.9 50.3 75.5



#34

Caprolactam

Concen: 18.438 ng/ul

RT: 11.840 min Scan# 1471

Delta R.T. -0.041 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

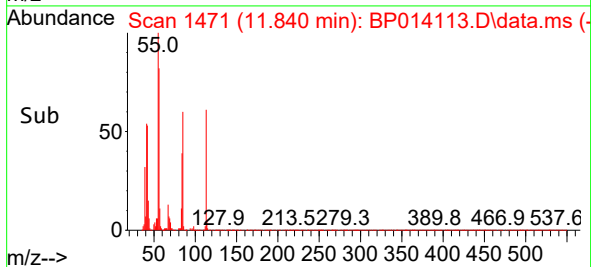
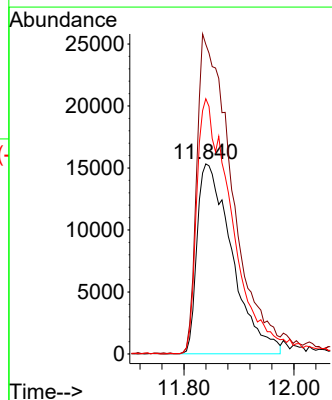
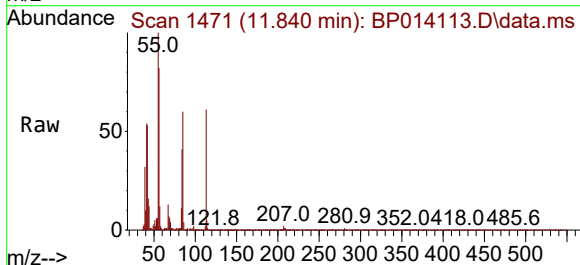
Tgt Ion:113 Resp: 67380

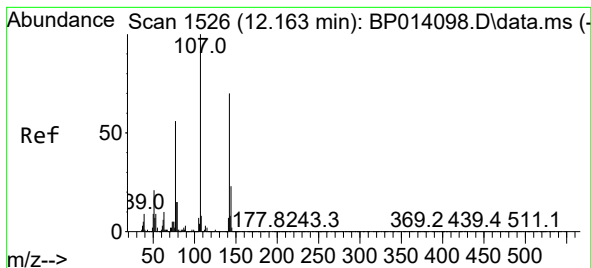
Ion Ratio Lower Upper

113 100

55 162.9 124.0 186.0

56 134.3 102.0 153.0

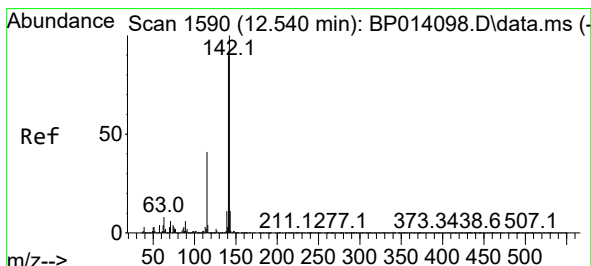
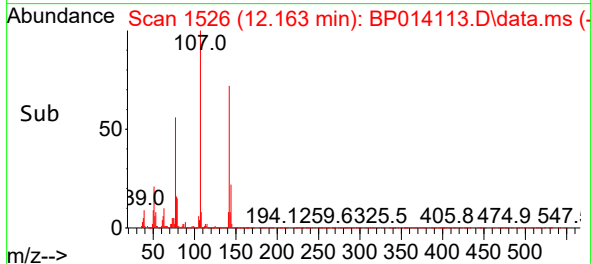
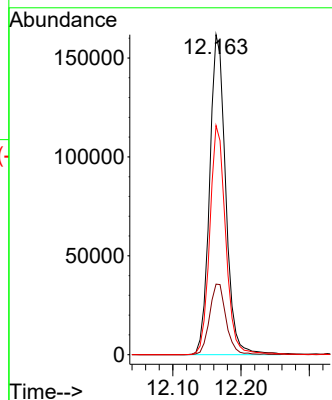
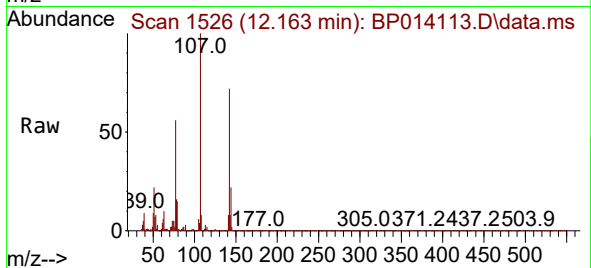




#35
4-Chloro-3-methylphenol
Concen: 20.373 ng/ul
RT: 12.163 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

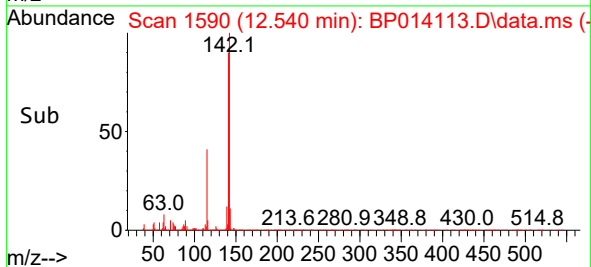
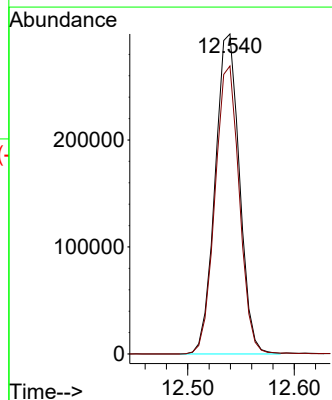
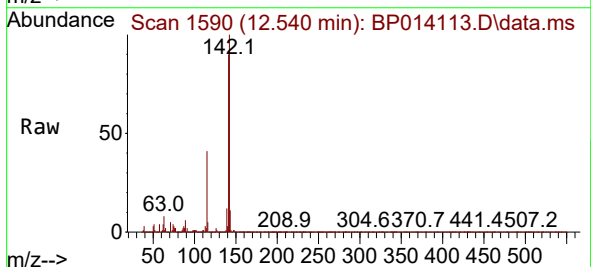
Instrument :
BNA_P
ClientSampleId :
SSTD020778

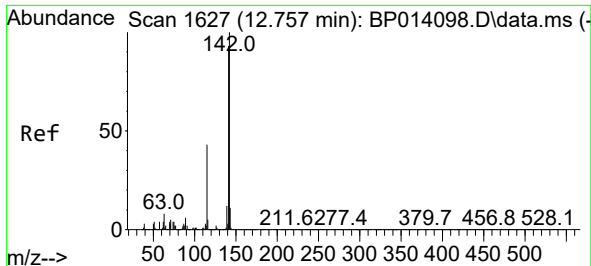
Tgt Ion:107 Resp: 265142
Ion Ratio Lower Upper
107 100
144 22.1 19.4 29.0
142 71.6 59.6 89.4



#36
2-Methylnaphthalene
Concen: 19.408 ng/ul
RT: 12.540 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:142 Resp: 474586
Ion Ratio Lower Upper
142 100
141 90.0 71.7 107.5

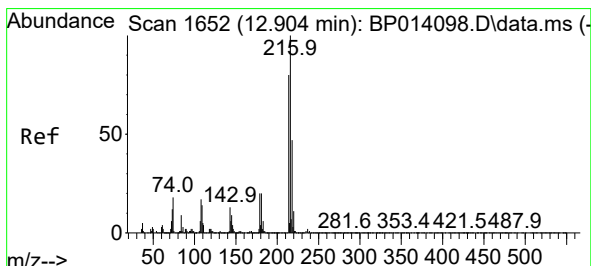
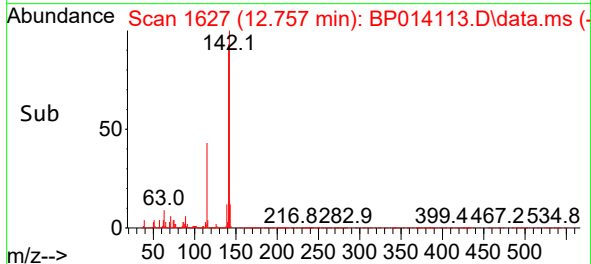
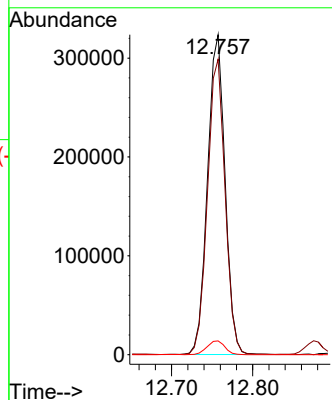
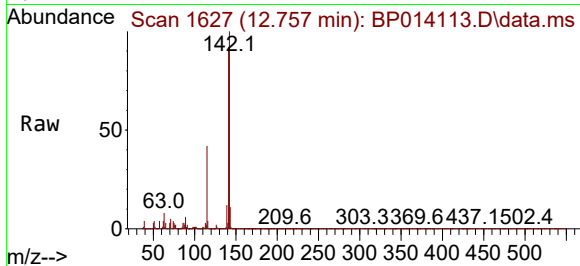




#37
1-Methylnaphthalene
Concen: 19.723 ng/ul
RT: 12.757 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

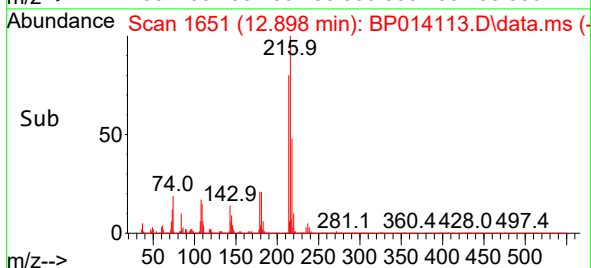
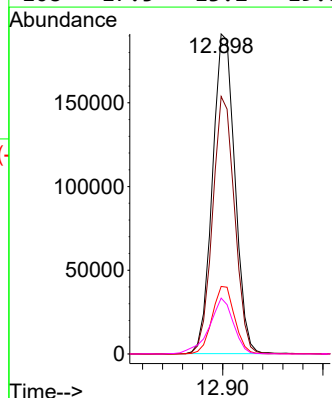
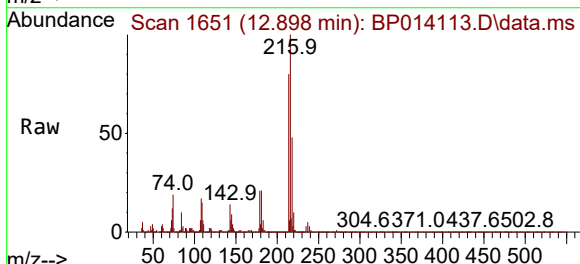
Instrument :
BNA_P
ClientSampleId :
SSTD020778

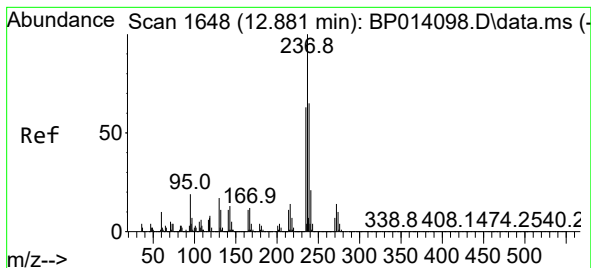
Tgt Ion:142 Resp: 484739
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 4.3 3.7 5.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.363 ng/ul
RT: 12.898 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:216 Resp: 296809
Ion Ratio Lower Upper
216 100
214 80.5 61.7 92.5
179 21.1 16.2 24.4
108 17.5 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 15.750 ng/ul

RT: 12.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

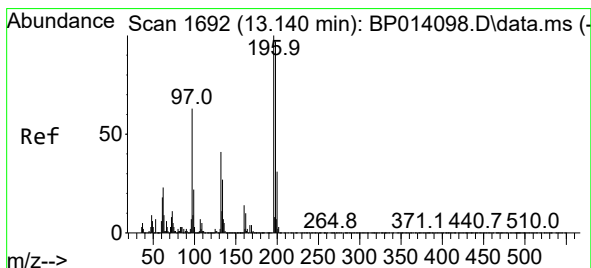
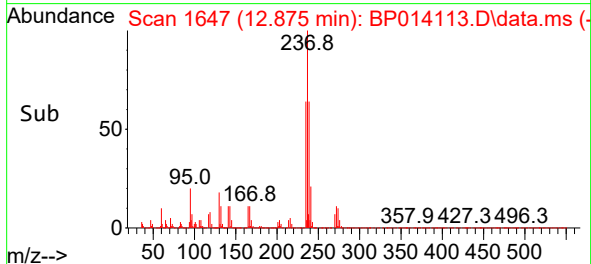
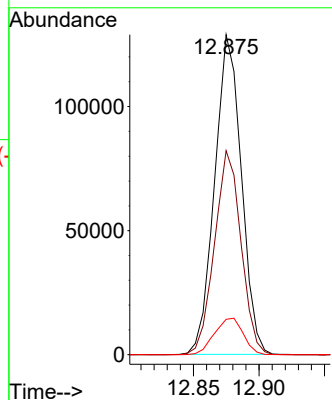
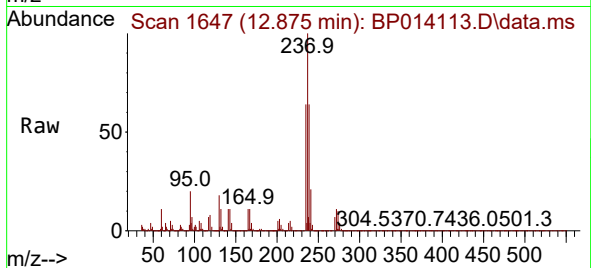
Tgt Ion:237 Resp: 182297

Ion Ratio Lower Upper

237 100

235 63.8 49.0 73.6

272 11.1 9.6 14.4



#41

2,4,6-Trichlorophenol

Concen: 19.159 ng/ul

RT: 13.140 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

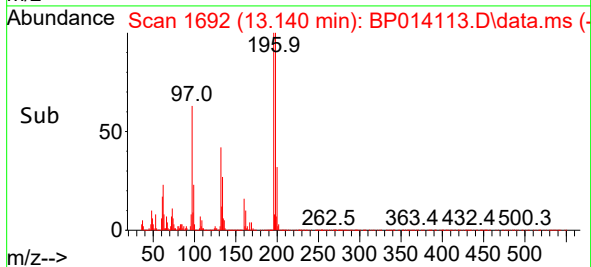
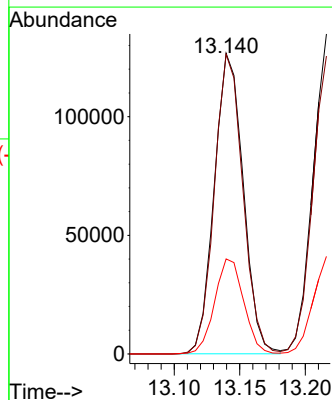
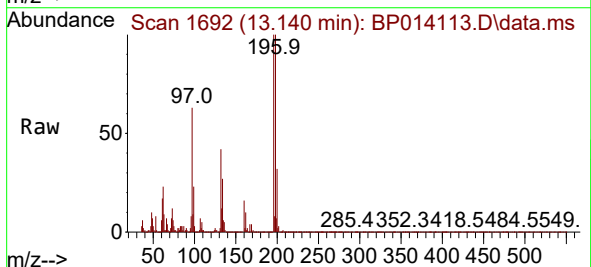
Tgt Ion:196 Resp: 194535

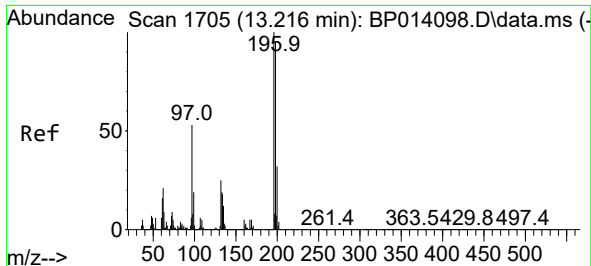
Ion Ratio Lower Upper

196 100

198 99.7 78.5 117.7

200 31.6 25.4 38.0

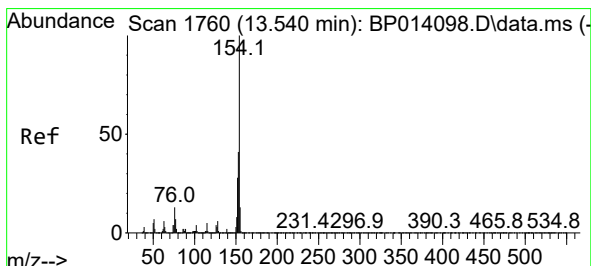
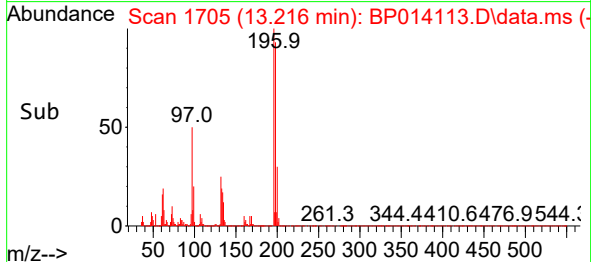
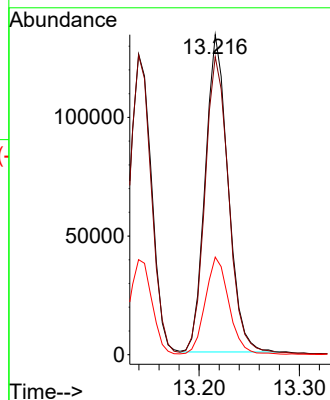
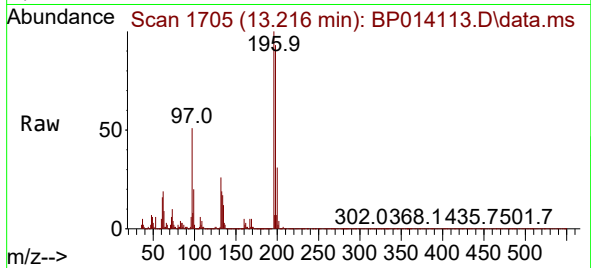




#42
2,4,5-Trichlorophenol
Concen: 19.017 ng/ul
RT: 13.216 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

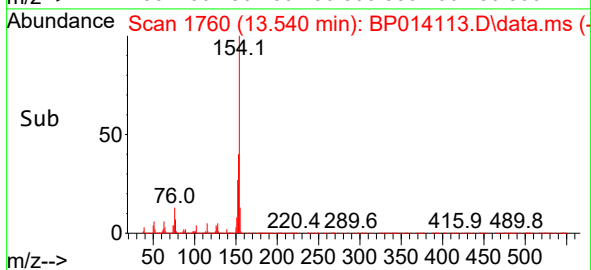
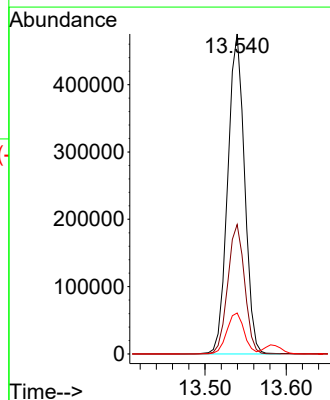
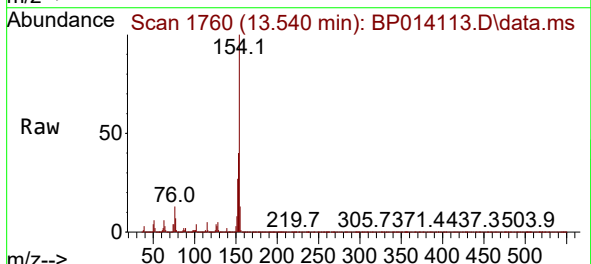
Instrument :
BNA_P
ClientSampleId :
SSTD020778

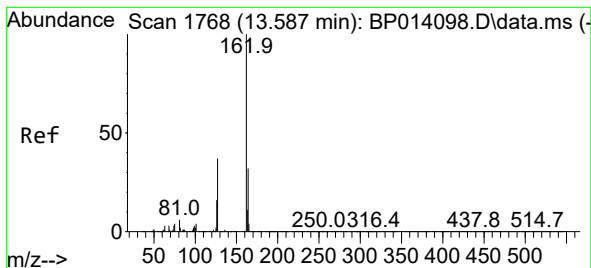
Tgt Ion:196 Resp: 211909
Ion Ratio Lower Upper
196 100
198 93.1 77.6 116.4
200 30.5 25.3 37.9



#43
1,1'-Biphenyl
Concen: 19.878 ng/ul
RT: 13.540 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:154 Resp: 684063
Ion Ratio Lower Upper
154 100
153 40.5 32.6 49.0
76 12.8 9.4 14.0





#44

2-Chloronaphthalene

Concen: 19.746 ng/ul

RT: 13.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

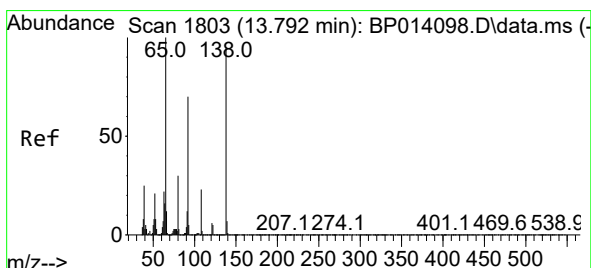
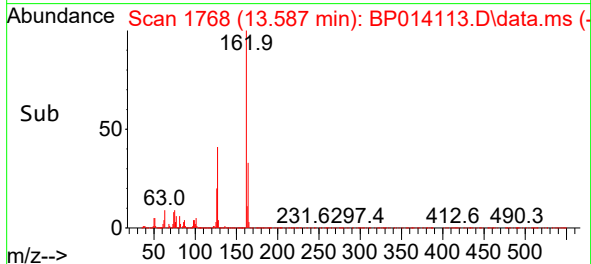
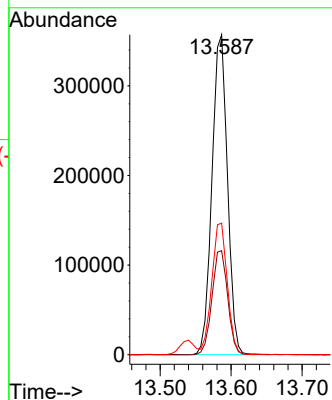
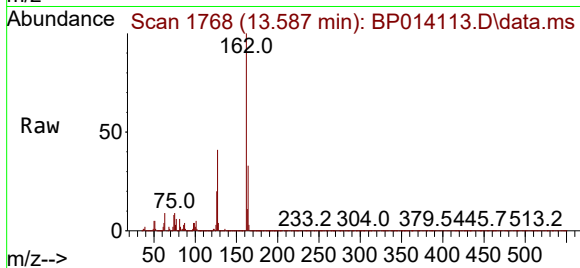
Tgt Ion:162 Resp: 539696

Ion Ratio Lower Upper

162 100

164 32.5 26.0 39.0

127 41.1 31.3 46.9



#45

2-Nitroaniline

Concen: 21.777 ng/ul

RT: 13.793 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

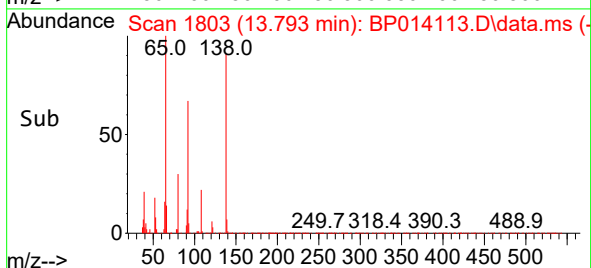
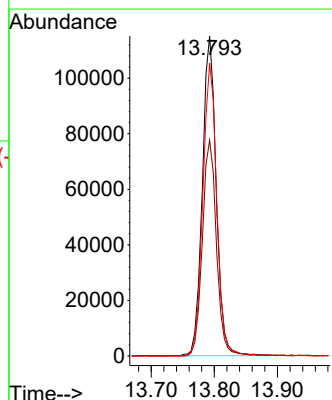
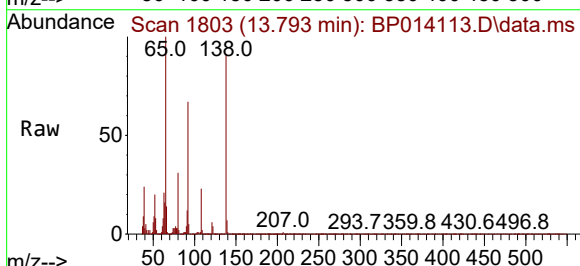
Tgt Ion: 65 Resp: 176037

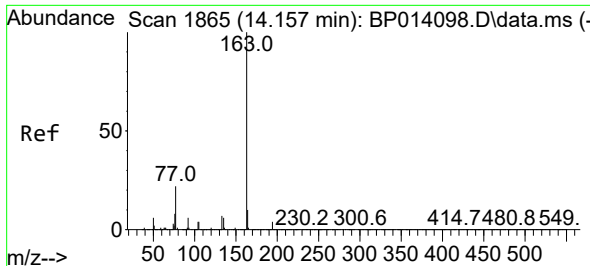
Ion Ratio Lower Upper

65 100

92 67.4 56.3 84.5

138 91.5 81.4 122.2

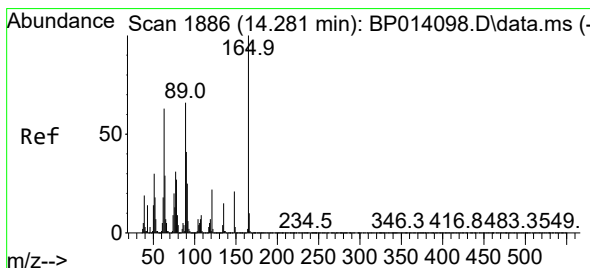
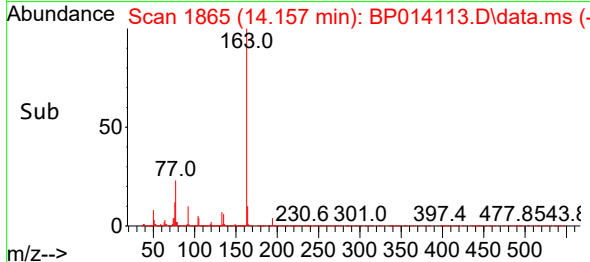
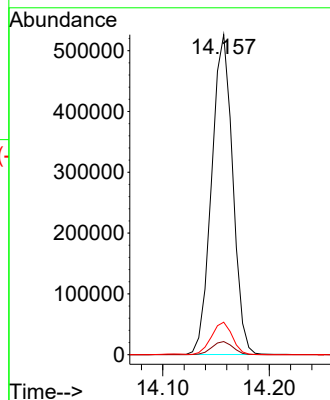
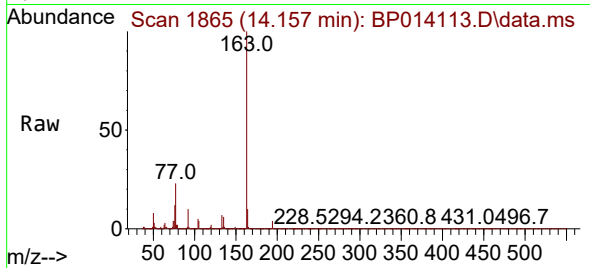




#47
Dimethylphthalate
Concen: 19.203 ng/ul
RT: 14.157 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

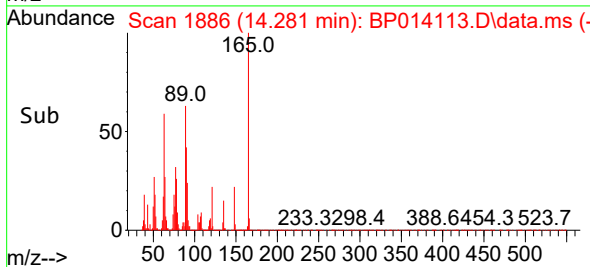
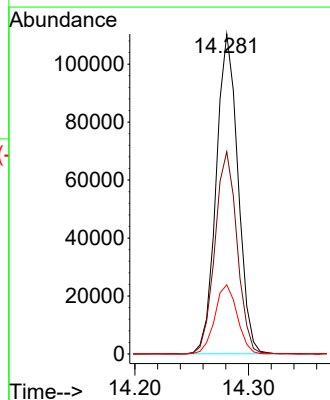
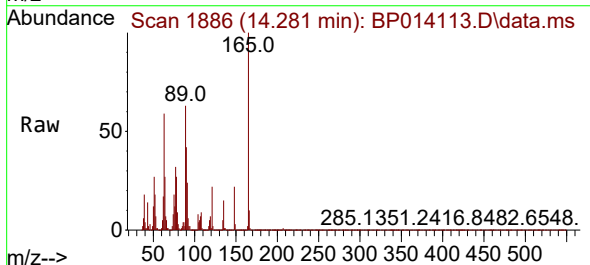
Instrument :
BNA_P
ClientSampleId :
SSTD020778

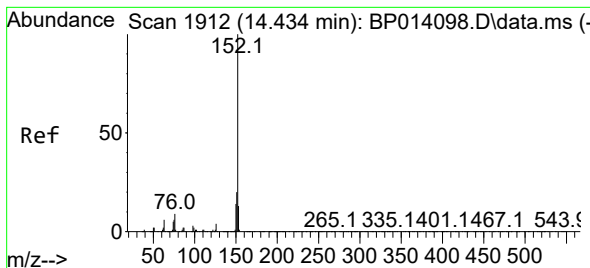
Tgt Ion:163 Resp: 721036
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 19.793 ng/ul
RT: 14.281 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:165 Resp: 146936
Ion Ratio Lower Upper
165 100
89 63.2 51.7 77.5
121 21.6 17.5 26.3





#50

Acenaphthylene

Concen: 20.088 ng/ul

RT: 14.428 min Scan# 1911

Delta R.T. -0.006 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

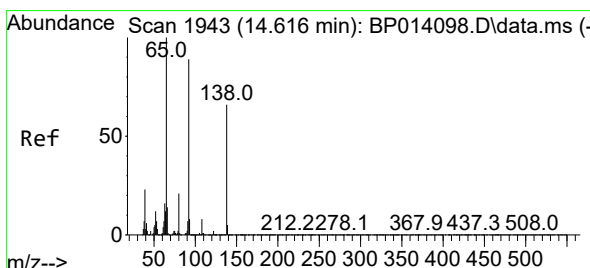
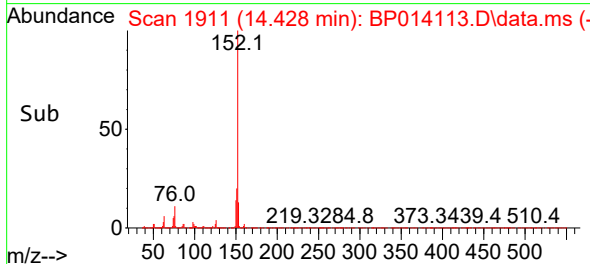
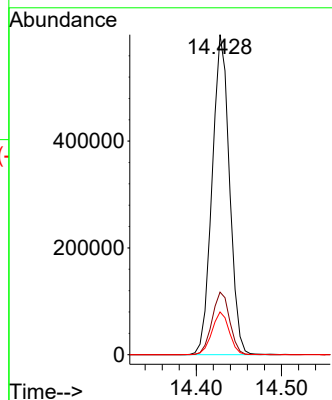
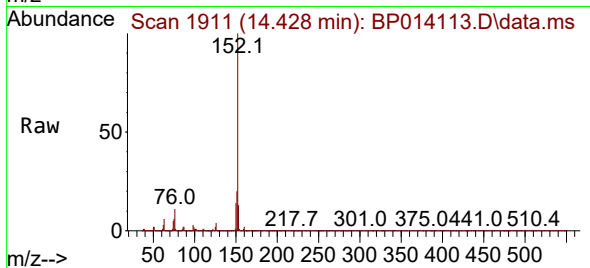
Tgt Ion:152 Resp: 847170

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.3 10.4 15.6



#51

3-Nitroaniline

Concen: 21.325 ng/ul

RT: 14.616 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

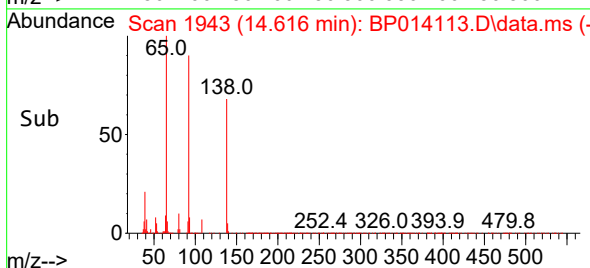
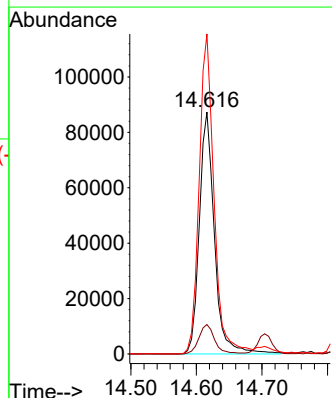
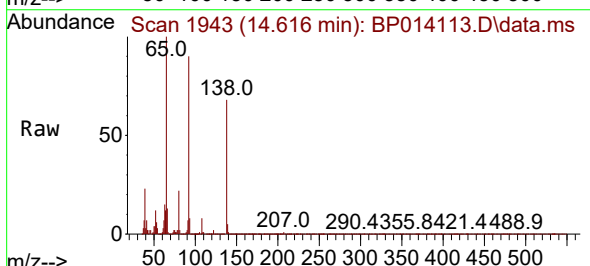
Tgt Ion:138 Resp: 140165

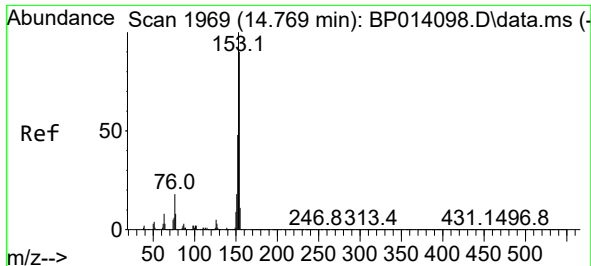
Ion Ratio Lower Upper

138 100

108 12.2 10.5 15.7

92 132.2 98.5 147.7

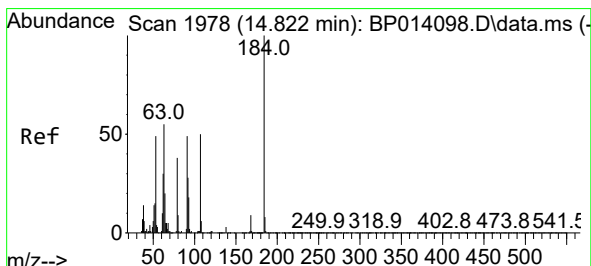
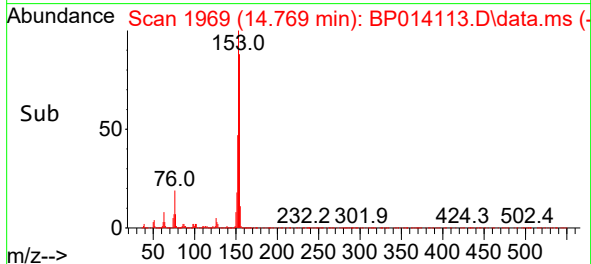
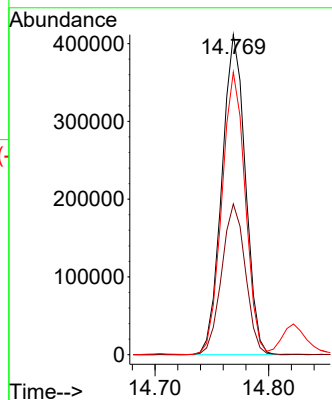
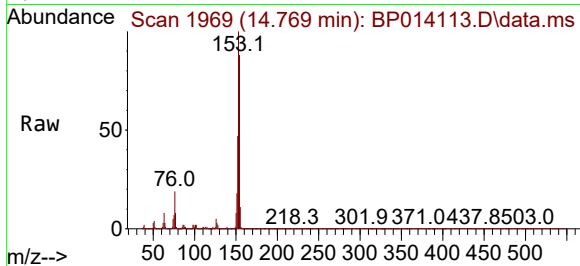




#52
Acenaphthene
Concen: 20.060 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

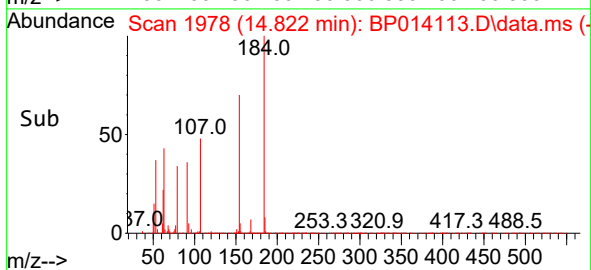
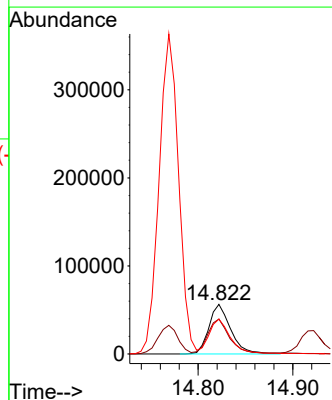
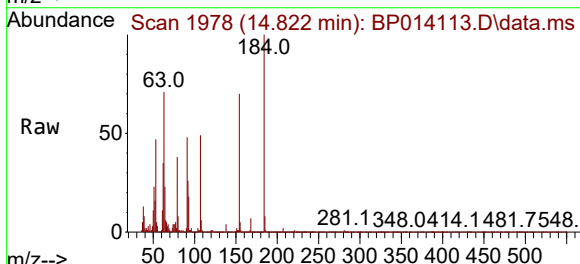
Instrument :
BNA_P
ClientSampleId :
SSTD020778

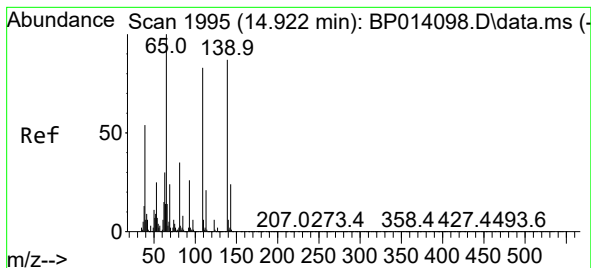
Tgt Ion:153 Resp: 591426
Ion Ratio Lower Upper
153 100
152 47.1 37.7 56.5
154 88.3 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 16.167 ng/ul
RT: 14.822 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:184 Resp: 89628
Ion Ratio Lower Upper
184 100
63 70.5 51.9 77.9
154 70.2 58.8 88.2

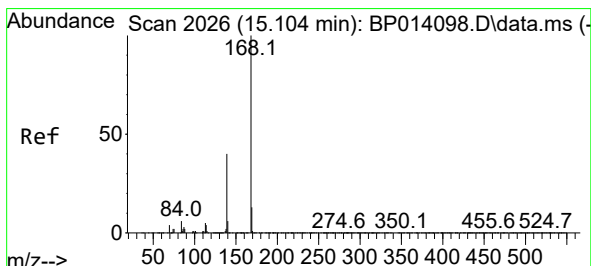
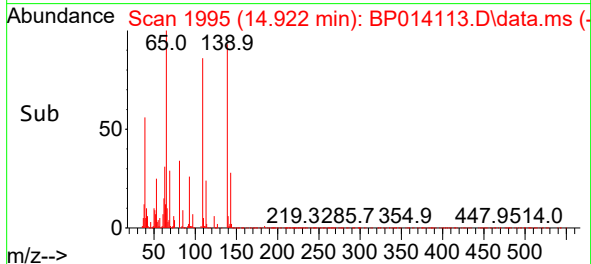
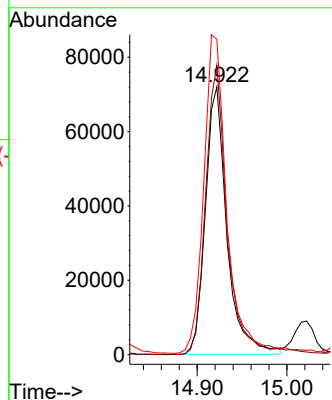
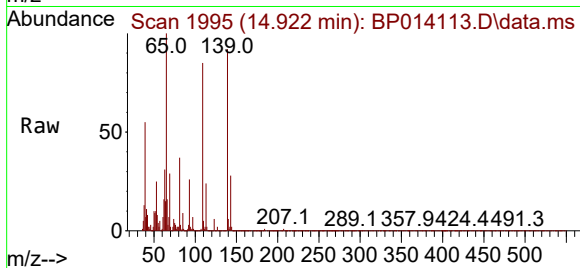




#55
4-Nitrophenol
Concen: 16.544 ng/ul
RT: 14.922 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

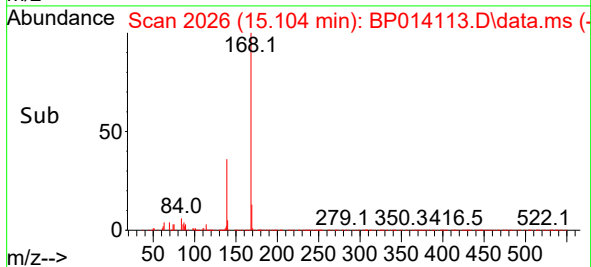
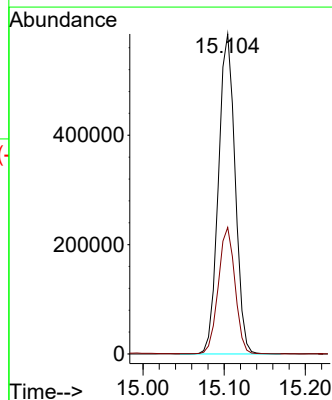
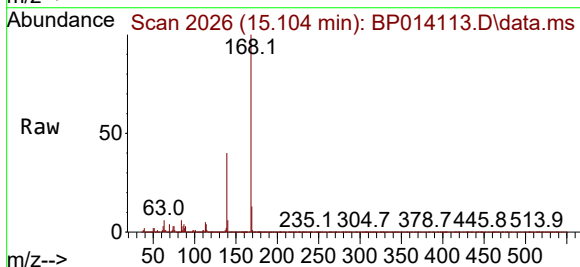
Instrument :
BNA_P
ClientSampleId :
SSTD020778

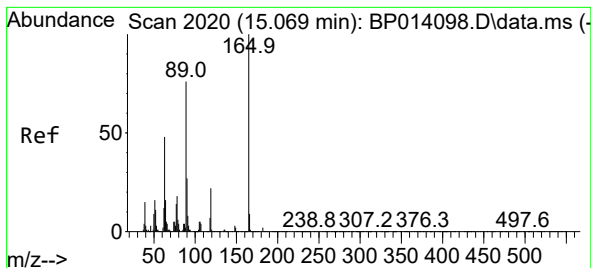
Tgt Ion:109 Resp: 119463
Ion Ratio Lower Upper
109 100
139 108.1 74.5 111.7
65 117.8 86.6 130.0



#56
Dibenzofuran
Concen: 19.504 ng/ul
RT: 15.104 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:168 Resp: 836521
Ion Ratio Lower Upper
168 100
139 39.6 31.8 47.6





#57

2,4-Dinitrotoluene

Concen: 19.358 ng/ul

RT: 15.069 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

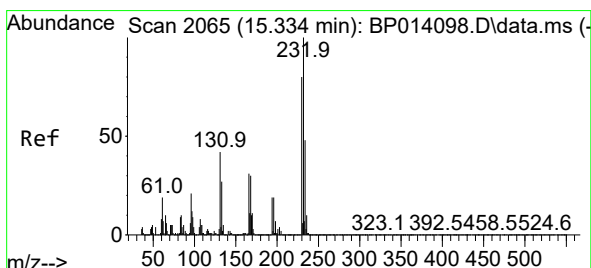
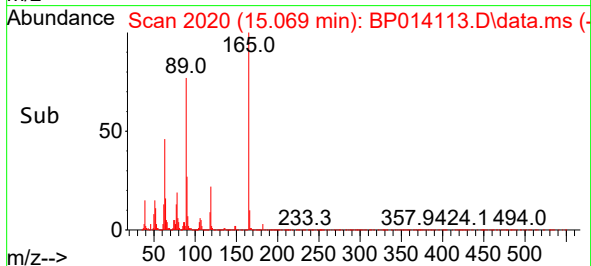
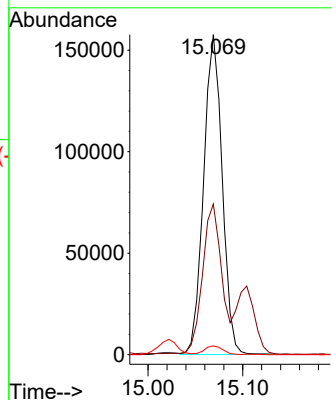
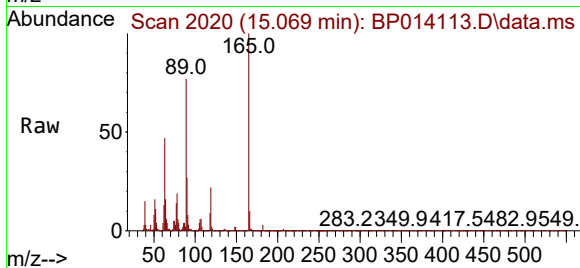
Tgt Ion:165 Resp: 214705

Ion Ratio Lower Upper

165 100

63 47.1 34.6 52.0

182 2.7 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.745 ng/ul

RT: 15.328 min Scan# 2064

Delta R.T. -0.006 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Tgt Ion:232 Resp: 199843

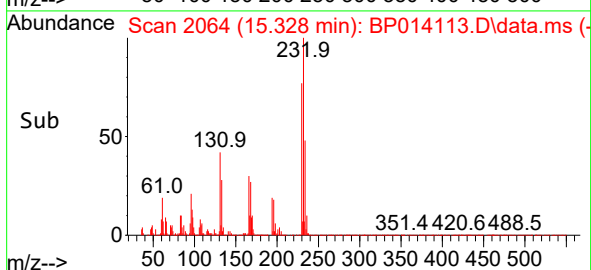
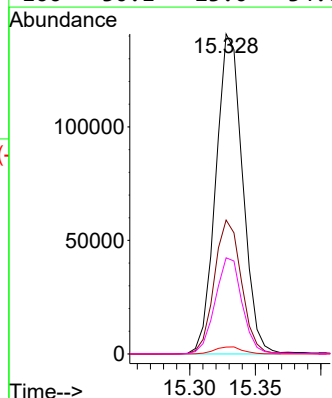
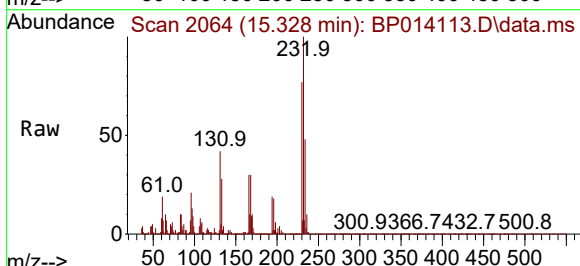
Ion Ratio Lower Upper

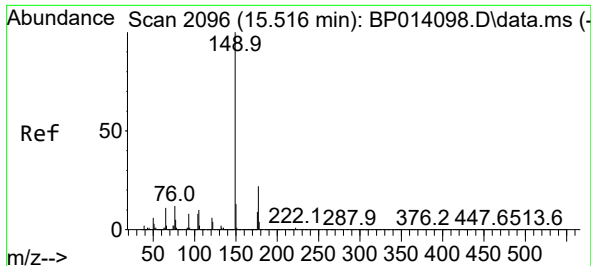
232 100

131 41.8 34.1 51.1

130 2.1 2.1 3.1

166 30.1 23.0 34.6

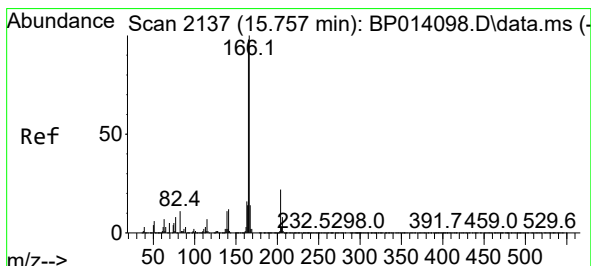
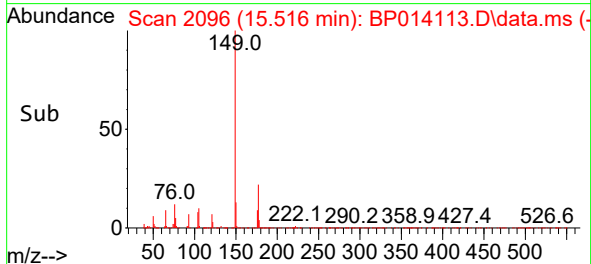
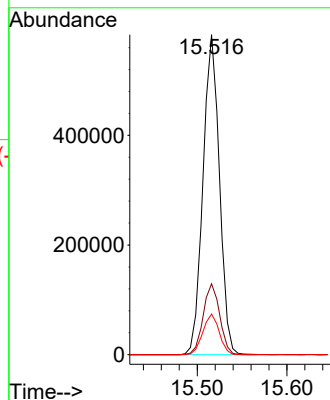
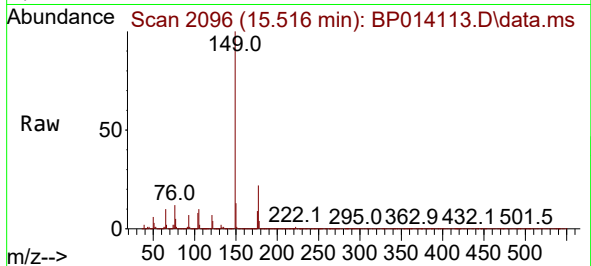




#59
Diethylphthalate
Concen: 19.479 ng/ul
RT: 15.516 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

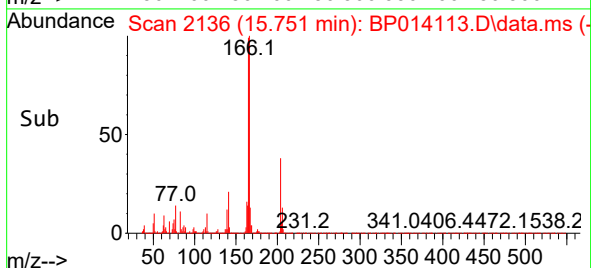
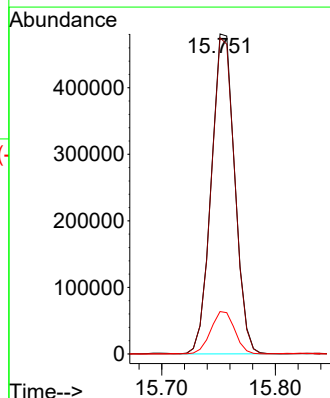
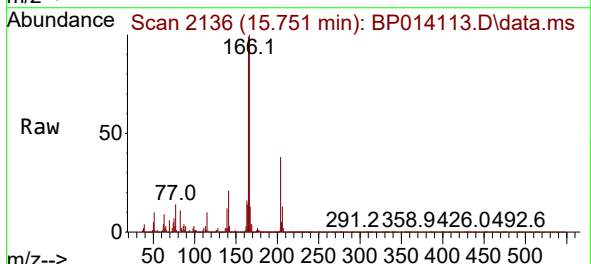
Instrument :
BNA_P
ClientSampleId :
SSTD020778

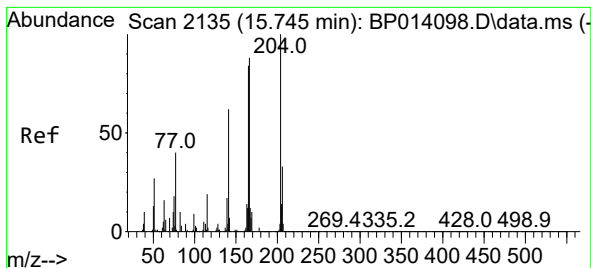
Tgt Ion:149 Resp: 741821
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 12.7 10.0 15.0



#61
Fluorene
Concen: 19.384 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:166 Resp: 689163
Ion Ratio Lower Upper
166 100
165 98.8 78.9 118.3
167 13.3 11.0 16.6

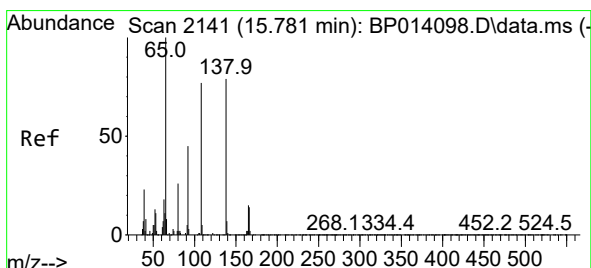
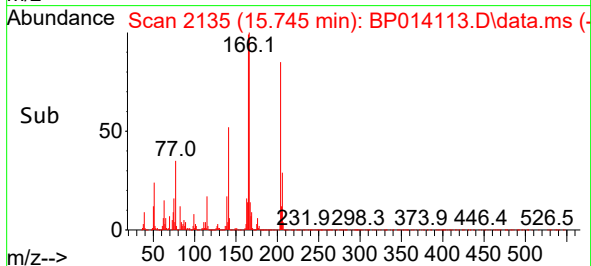
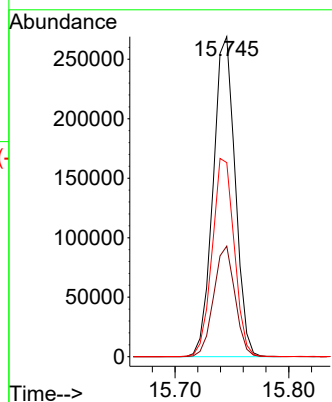
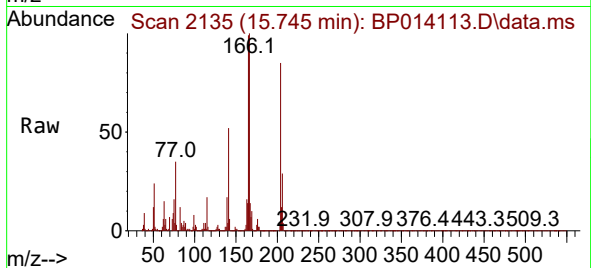




#62
4-Chlorophenyl-phenylether
Concen: 18.468 ng/ul
RT: 15.745 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

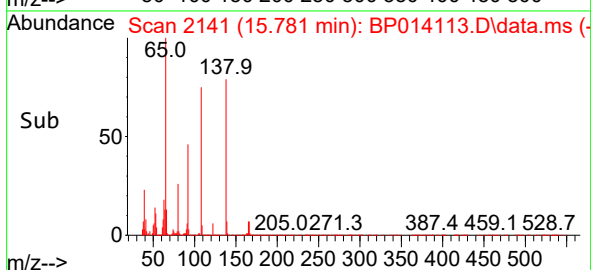
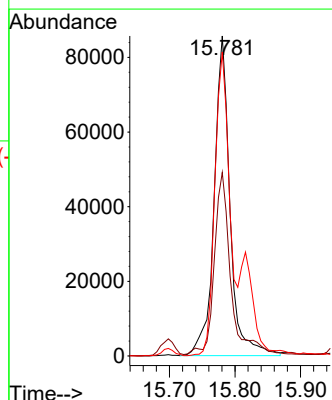
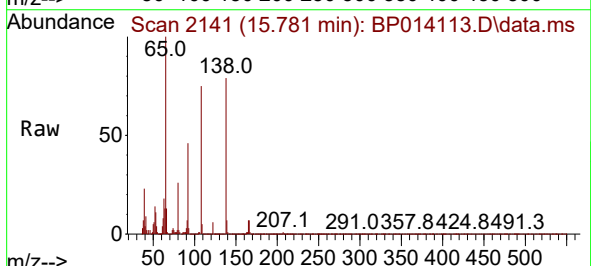
Instrument :
BNA_P
ClientSampleId :
SSTD020778

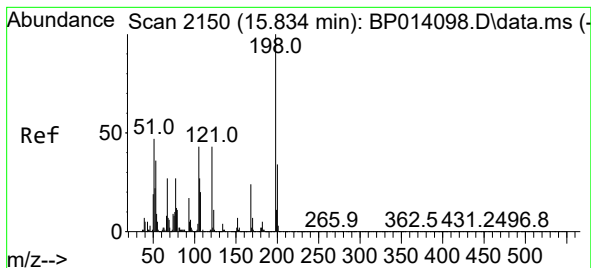
Tgt Ion:204 Resp: 362390
Ion Ratio Lower Upper
204 100
206 34.6 26.6 39.8
141 60.6 49.2 73.8



#63
4-Nitroaniline
Concen: 21.323 ng/ul
RT: 15.781 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:138 Resp: 144064
Ion Ratio Lower Upper
138 100
92 57.3 44.5 66.7
108 95.0 87.2 130.8

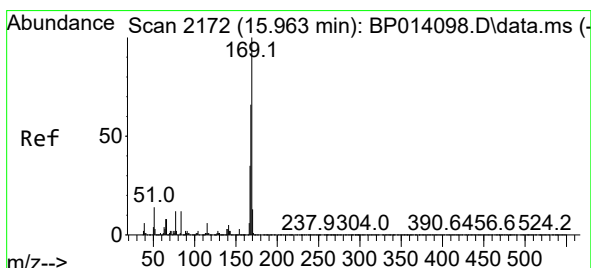
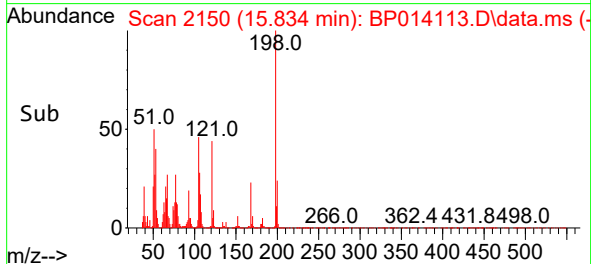
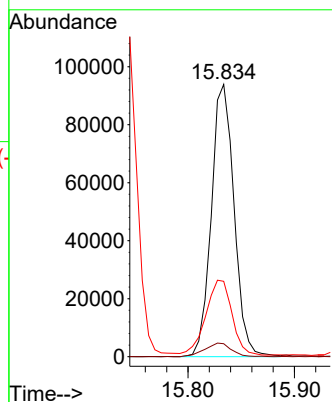
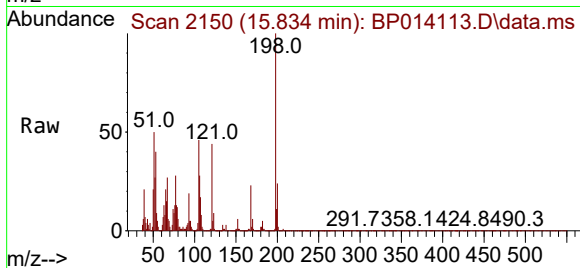




#66
4,6-Dinitro-2-methylphenol
Concen: 18.656 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

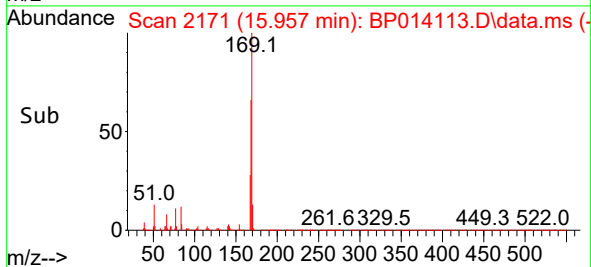
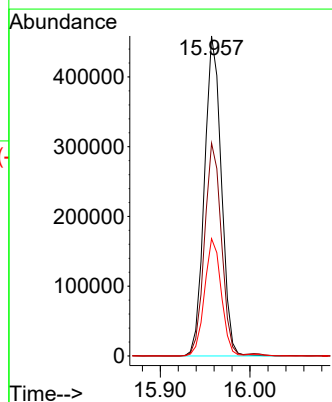
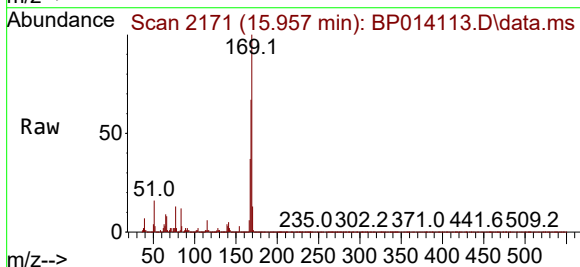
Instrument :
BNA_P
ClientSampleId :
SSTD020778

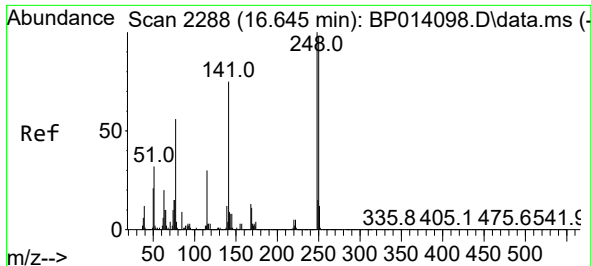
Tgt Ion:198 Resp: 139038
Ion Ratio Lower Upper
198 100
182 4.7 3.0 4.6#
77 27.7 20.3 30.5



#67
N-Nitrosodiphenylamine
Concen: 20.525 ng/ul
RT: 15.957 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:169 Resp: 599132
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 36.7 28.6 43.0

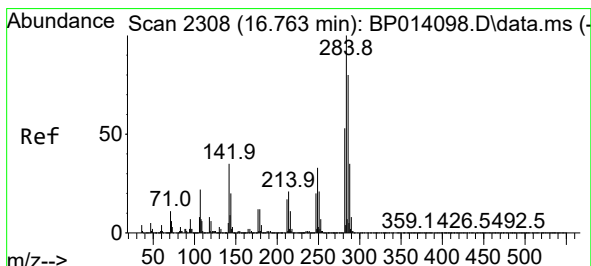
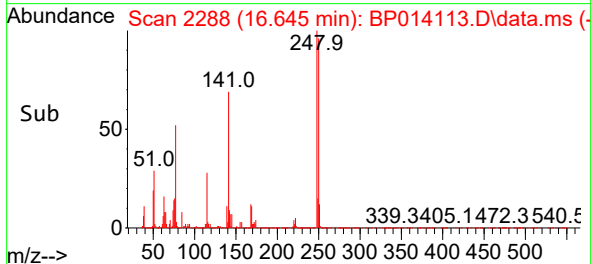
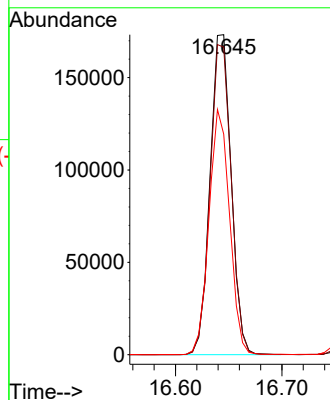
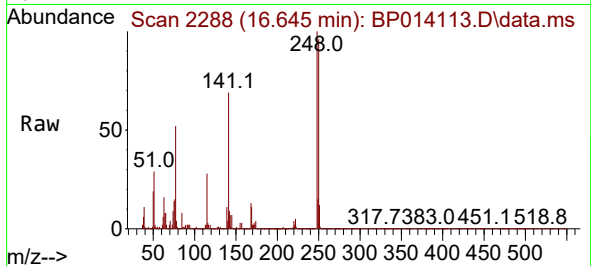




#68
4-Bromophenyl-phenylether
Concen: 19.069 ng/ul
RT: 16.645 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

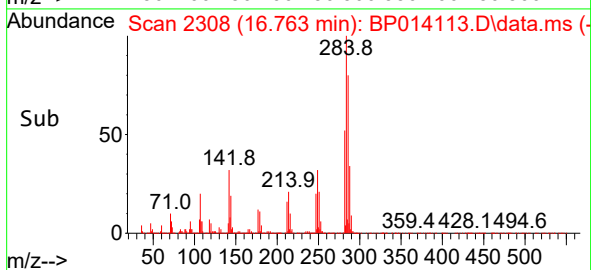
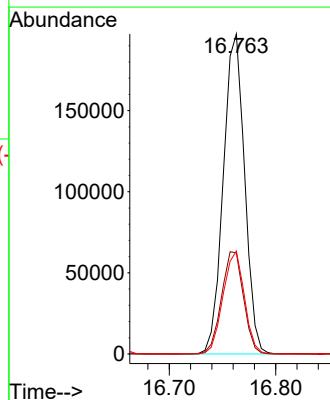
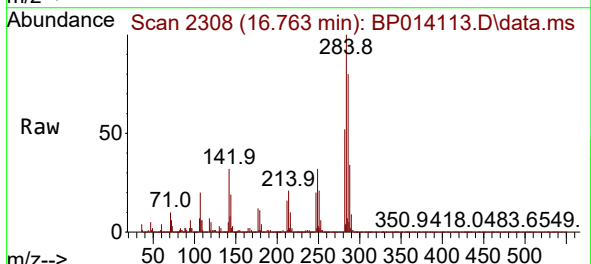
Instrument :
BNA_P
ClientSampleId :
SSTD020778

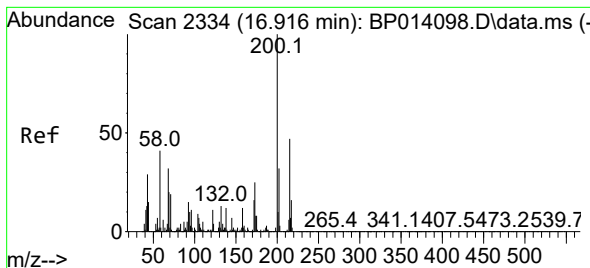
Tgt Ion:248 Resp: 238267
Ion Ratio Lower Upper
248 100
250 96.1 78.8 118.2
141 68.9 60.8 91.2



#69
Hexachlorobenzene
Concen: 18.617 ng/ul
RT: 16.763 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:284 Resp: 274106
Ion Ratio Lower Upper
284 100
142 31.6 23.2 34.8
249 32.2 25.7 38.5





#70

Atrazine

Concen: 18.864 ng/ul

RT: 16.916 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

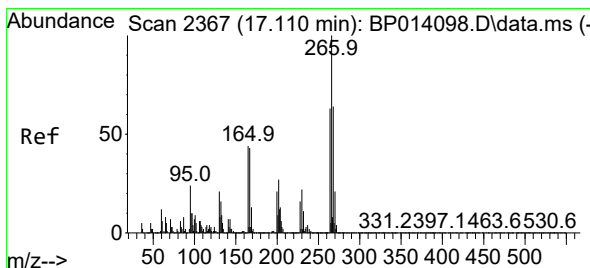
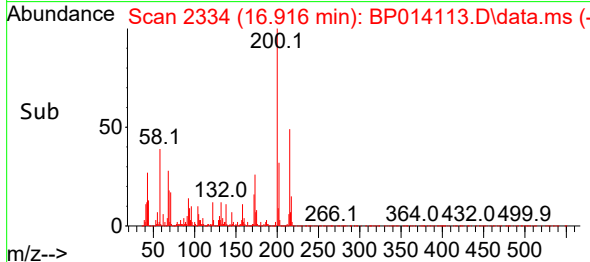
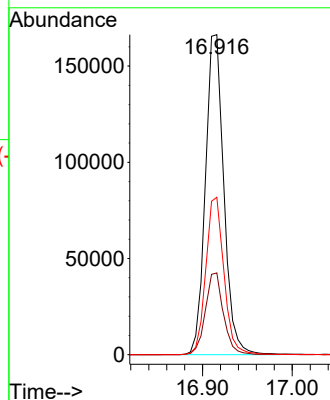
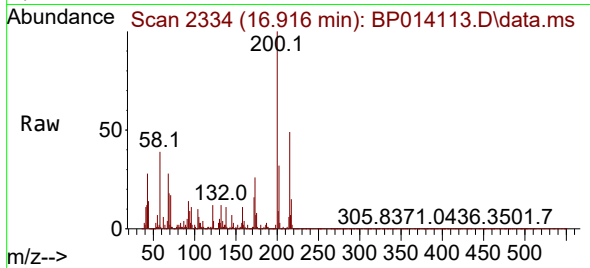
Tgt Ion:200 Resp: 237503

Ion Ratio Lower Upper

200 100

173 25.6 19.0 28.4

215 49.2 38.5 57.7



#71

Pentachlorophenol

Concen: 17.235 ng/ul

RT: 17.110 min Scan# 2367

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

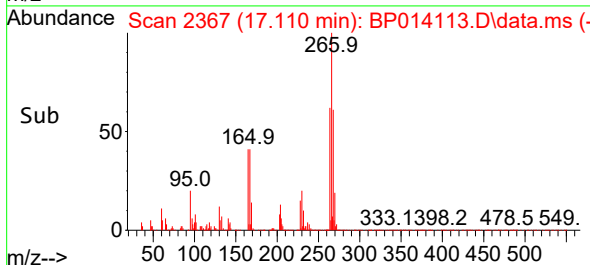
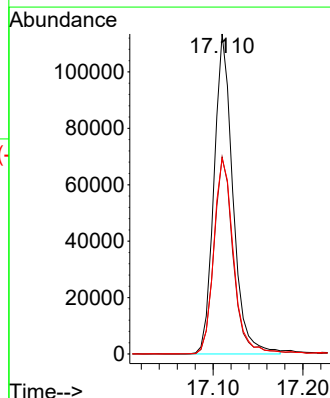
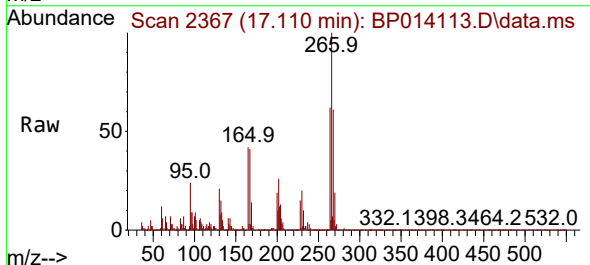
Tgt Ion:266 Resp: 165876

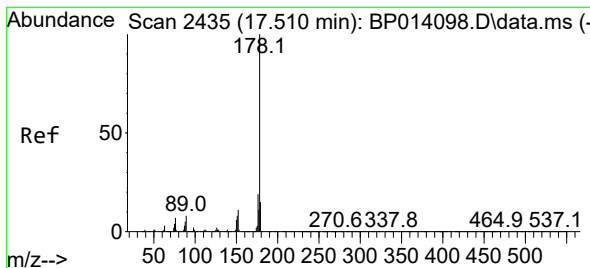
Ion Ratio Lower Upper

266 100

264 61.6 48.4 72.6

268 61.1 50.4 75.6





#72

Phenanthrene

Concen: 19.791 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

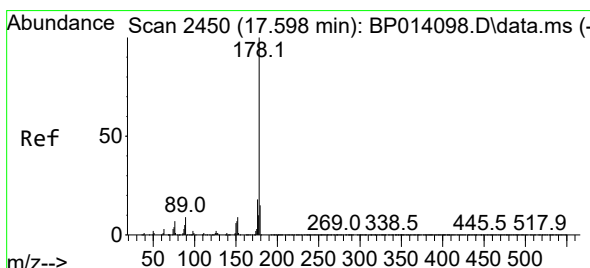
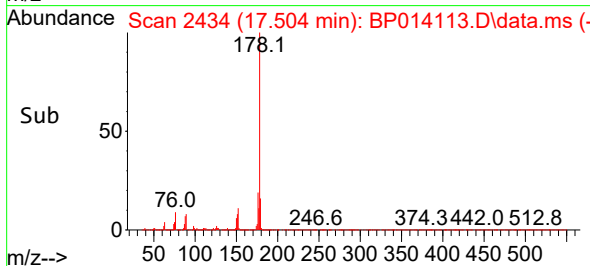
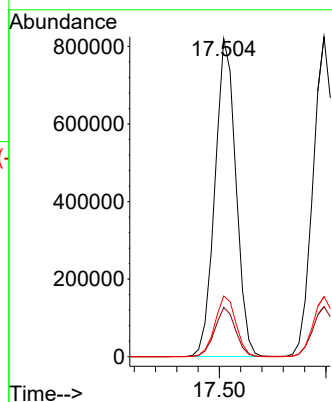
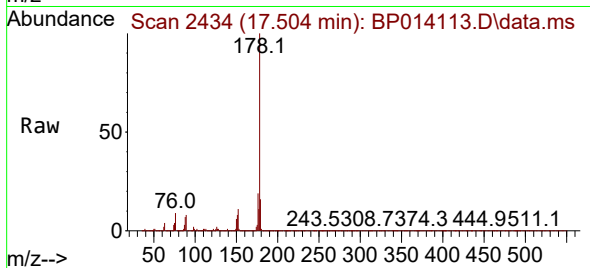
Tgt Ion:178 Resp: 1115649

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.1 15.4 23.0



#74

Anthracene

Concen: 20.049 ng/ul

RT: 17.598 min Scan# 2450

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

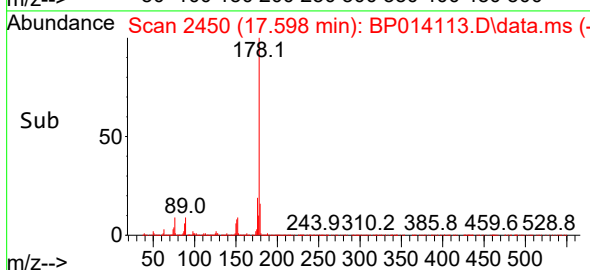
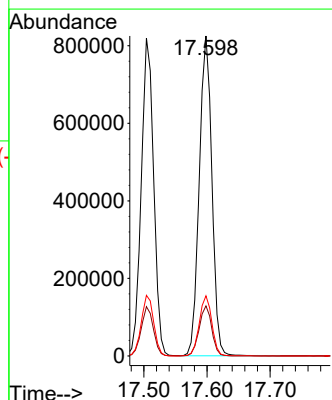
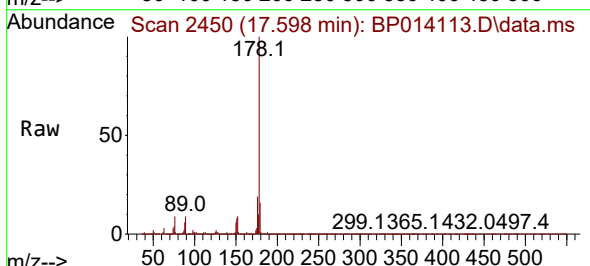
Tgt Ion:178 Resp: 1145986

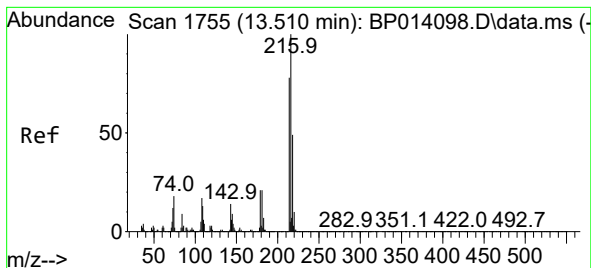
Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 18.8 15.1 22.7

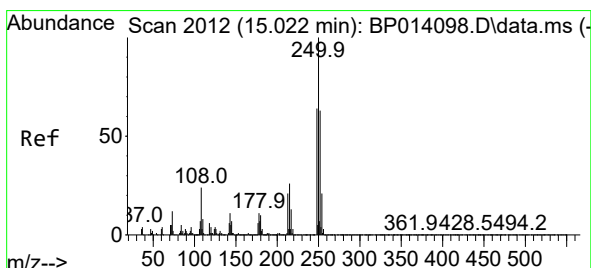
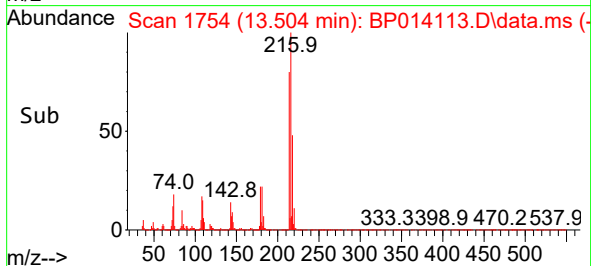
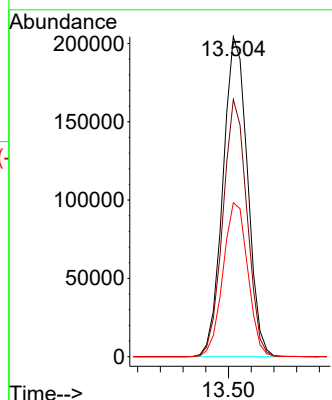
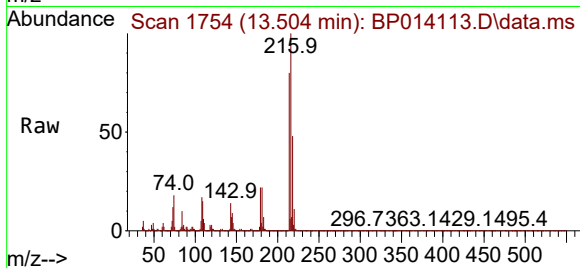




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.337 ng/uL
RT: 13.504 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

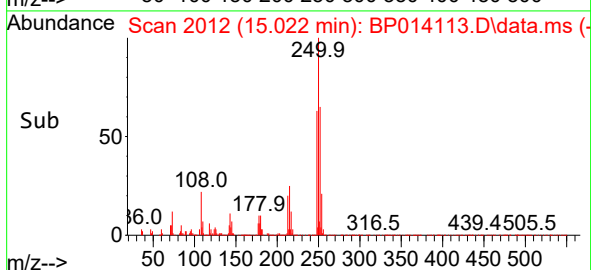
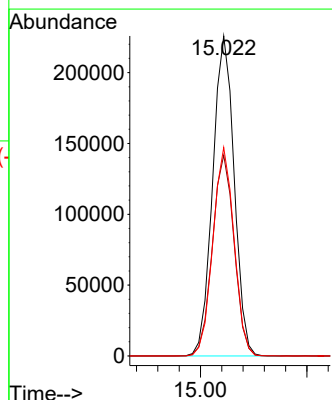
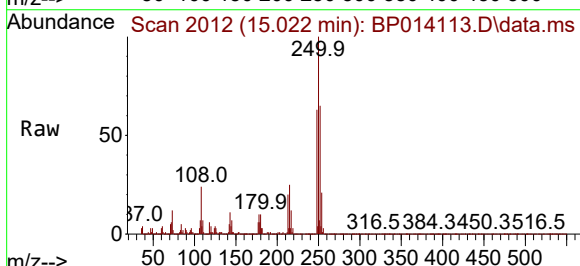
Instrument :
BNA_P
ClientSampleId :
SSTD020778

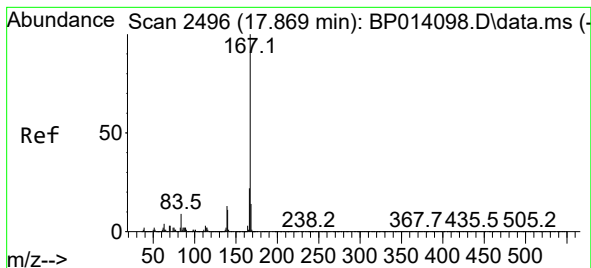
Tgt Ion:216 Resp: 306716
Ion Ratio Lower Upper
216 100
214 80.3 61.4 92.2
218 48.1 39.1 58.7



#76
Pentachlorobenzene
Concen: 19.183 ng/uL
RT: 15.022 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:250 Resp: 316077
Ion Ratio Lower Upper
250 100
248 62.8 51.0 76.4
252 65.2 50.8 76.2





#77

Carbazole

Concen: 20.286 ng/ul

RT: 17.869 min Scan# 2496

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

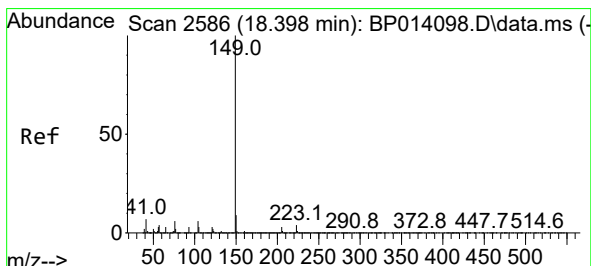
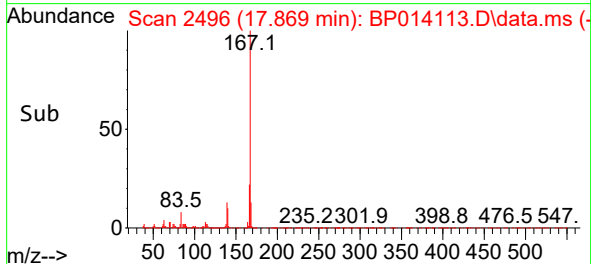
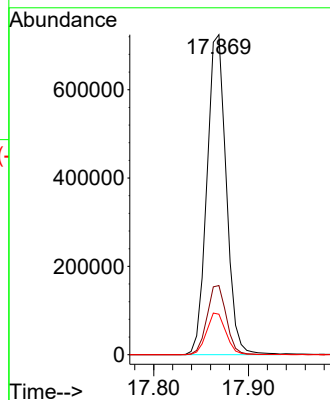
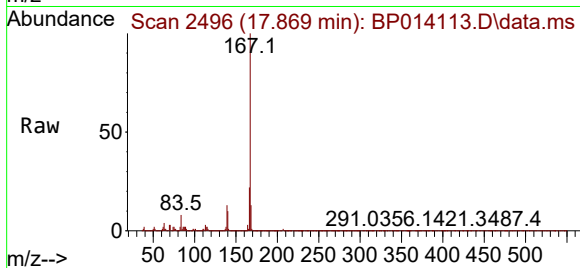
Tgt Ion:167 Resp: 1022753

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

139 12.7 10.5 15.7



#78

Di-n-butylphthalate

Concen: 20.426 ng/ul

RT: 18.398 min Scan# 2586

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

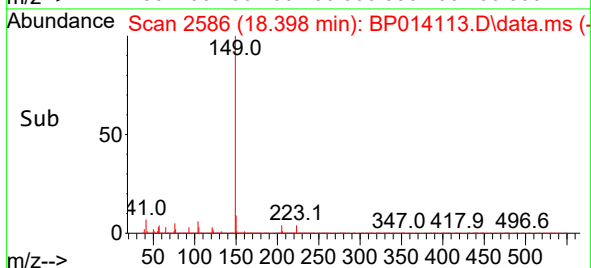
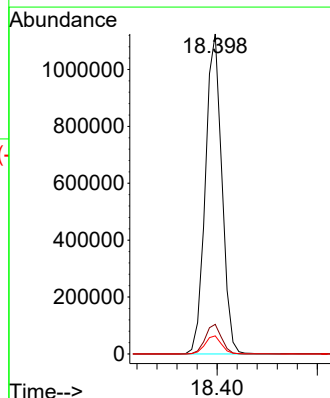
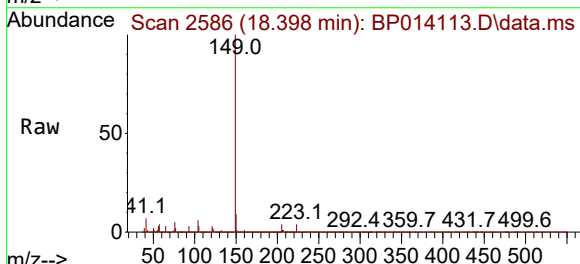
Tgt Ion:149 Resp: 1287059

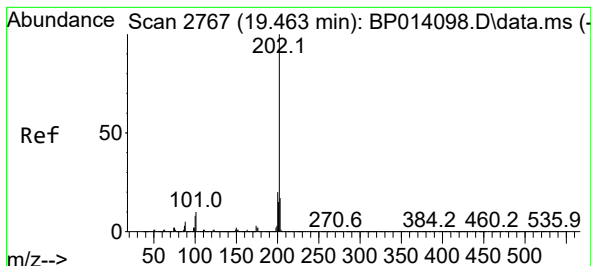
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.7 4.6 6.8





#80

Fluoranthene

Concen: 20.890 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

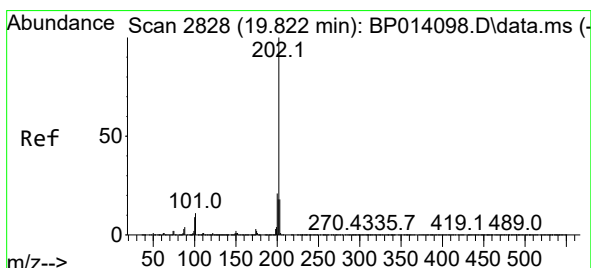
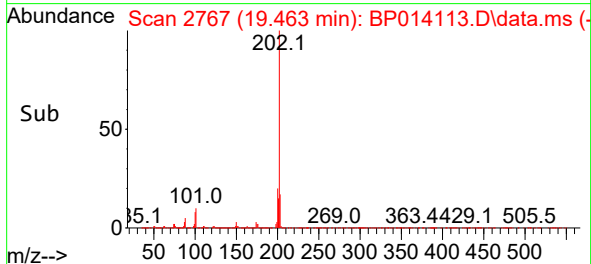
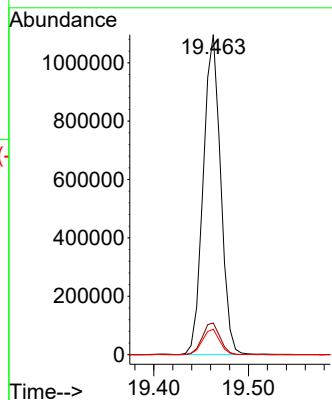
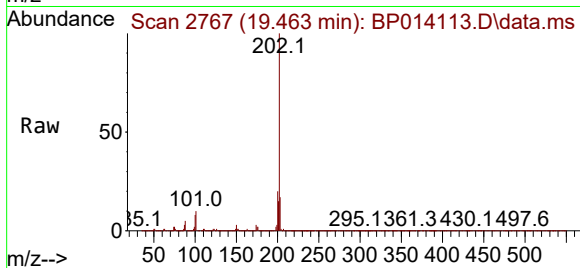
Tgt Ion:202 Resp: 1393663

Ion Ratio Lower Upper

202 100

101 9.9 6.6 10.0

100 8.0 5.0 7.4#



#82

Pyrene

Concen: 20.860 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

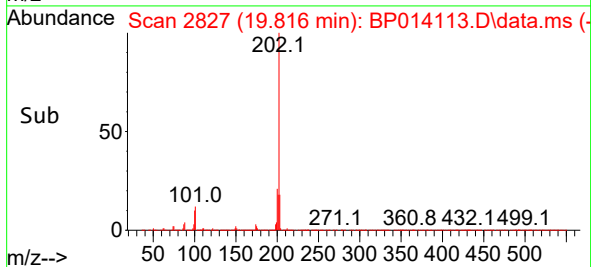
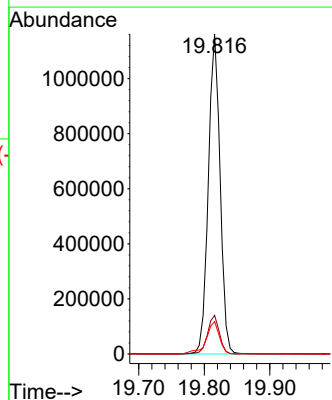
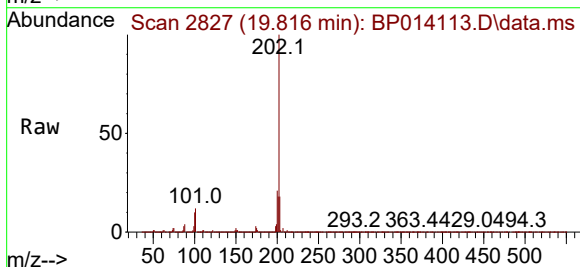
Tgt Ion:202 Resp: 1451780

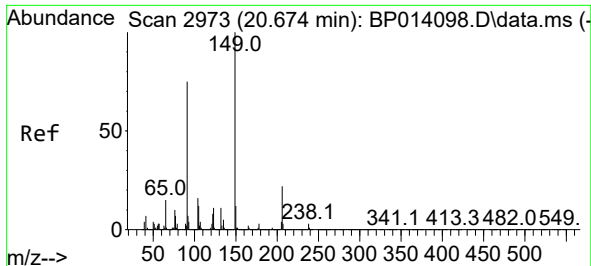
Ion Ratio Lower Upper

202 100

101 12.1 7.8 11.8#

100 10.1 6.5 9.7#

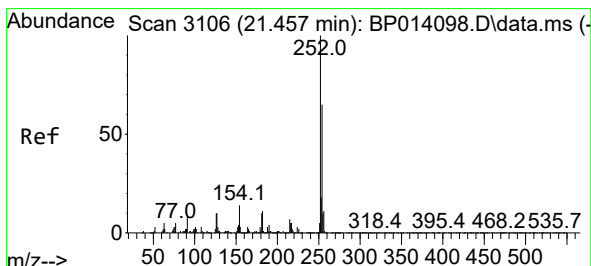
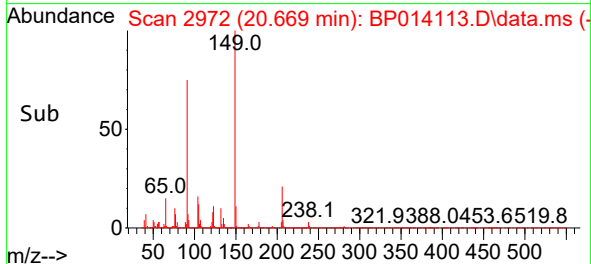
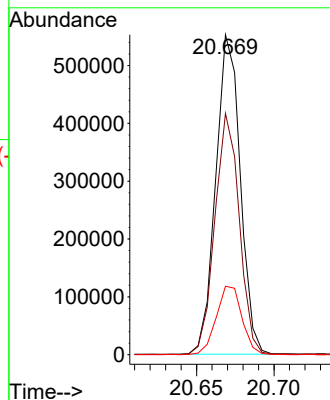
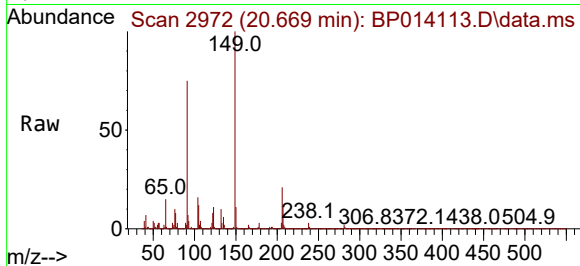




#83
Butylbenzylphthalate
Concen: 21.686 ng/ul
RT: 20.669 min Scan# 2972
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

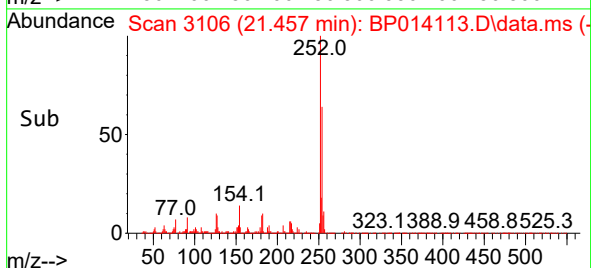
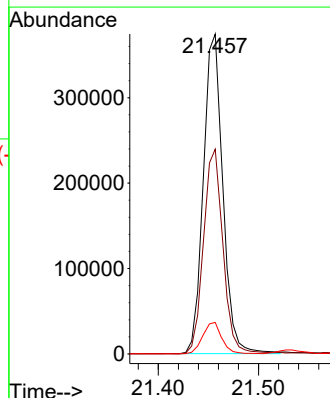
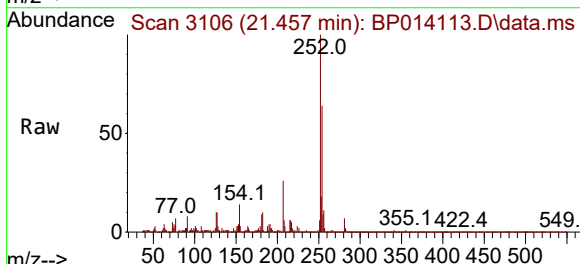
Instrument :
BNA_P
ClientSampleId :
SSTD020778

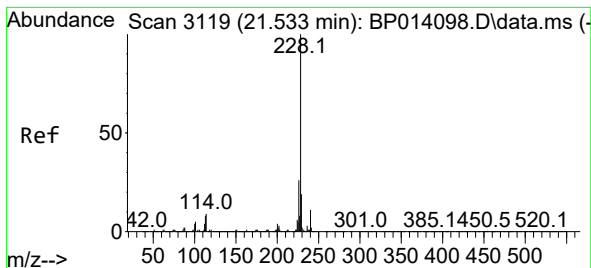
Tgt Ion:149 Resp: 608543
Ion Ratio Lower Upper
149 100
91 75.4 57.9 86.9
206 21.4 17.9 26.9



#84
3,3'-Dichlorobenzidine
Concen: 18.628 ng/ul
RT: 21.457 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:252 Resp: 506074
Ion Ratio Lower Upper
252 100
254 64.0 51.3 76.9
126 9.8 6.9 10.3





#85

Benzo(a)anthracene

Concen: 19.724 ng/ul

RT: 21.527 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

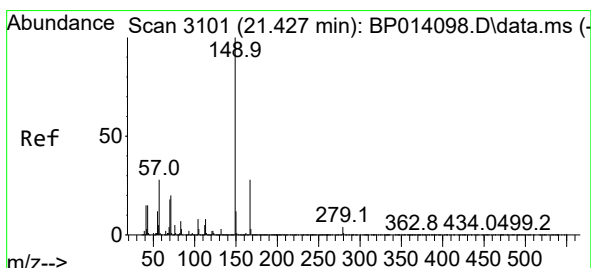
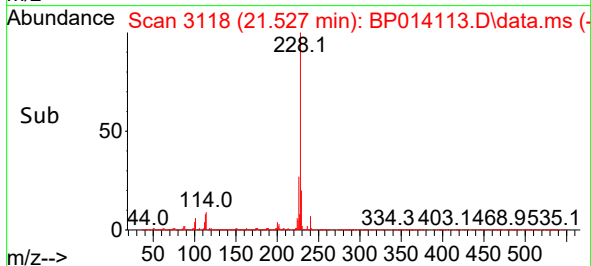
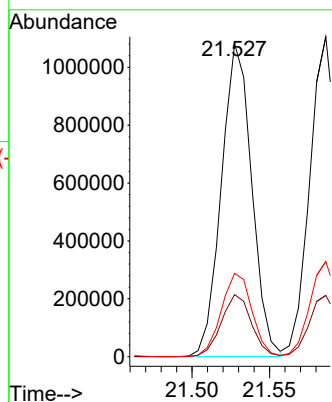
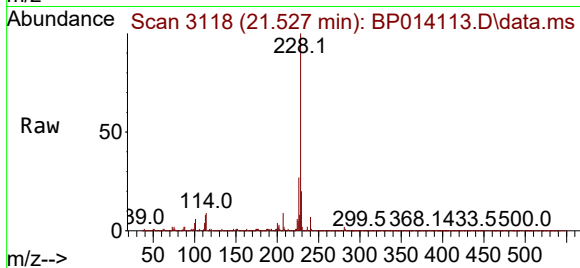
Tgt Ion:228 Resp: 1472249

Ion Ratio Lower Upper

228 100

229 19.8 15.5 23.3

226 26.6 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.256 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

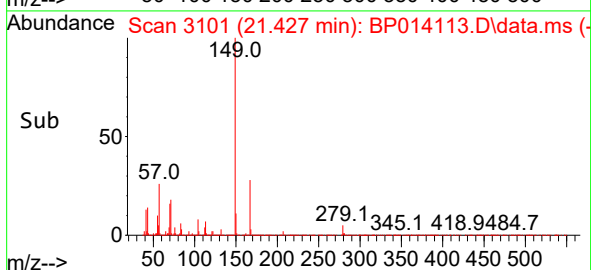
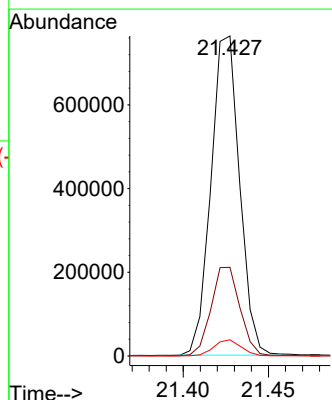
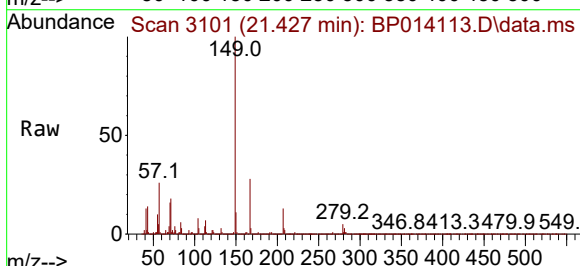
Tgt Ion:149 Resp: 891766

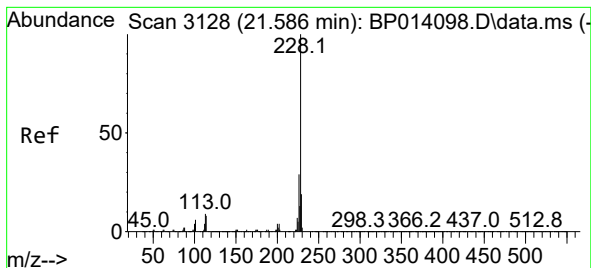
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 5.0 4.3 6.5





#87

Chrysene

Concen: 19.940 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

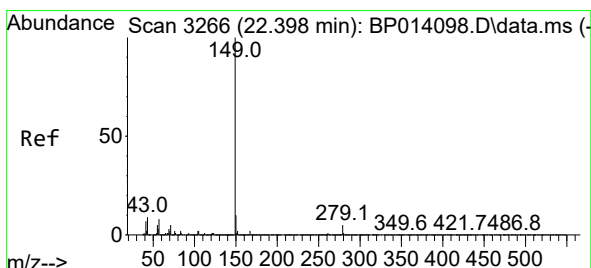
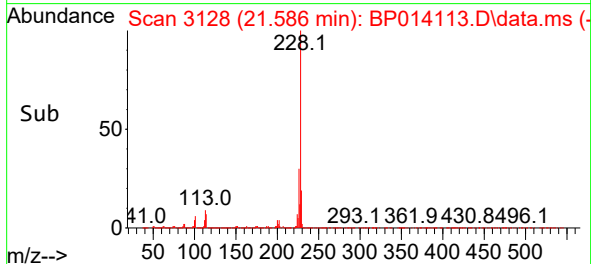
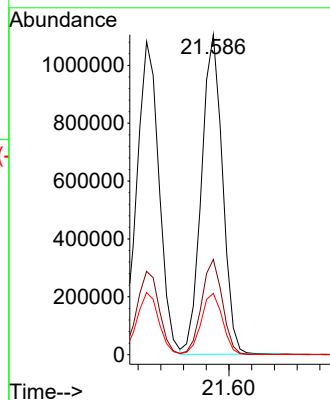
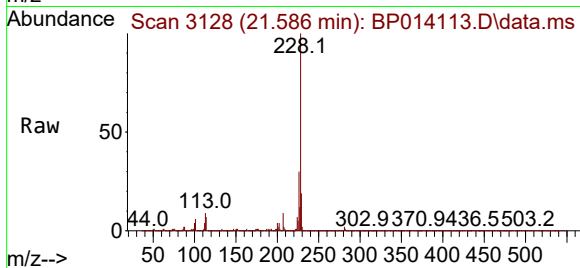
Tgt Ion:228 Resp: 1418495

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

229 19.1 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 22.807 ng/ul

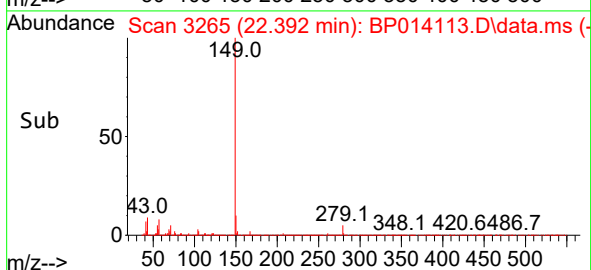
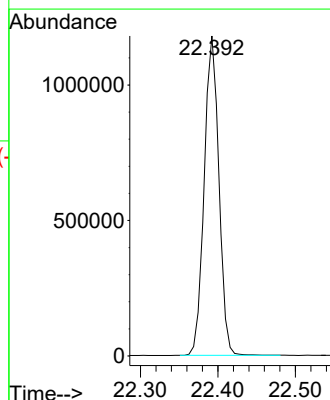
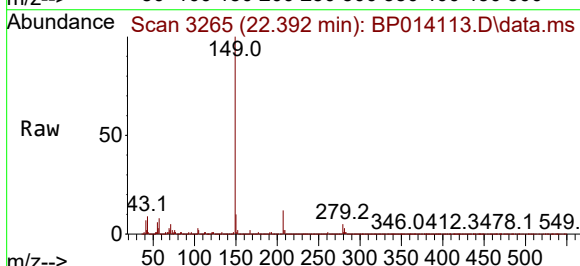
RT: 22.392 min Scan# 3265

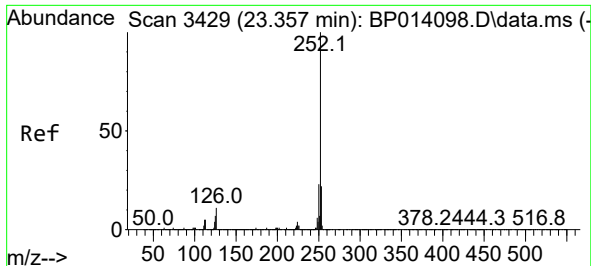
Delta R.T. -0.006 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Tgt Ion:149 Resp: 1551815

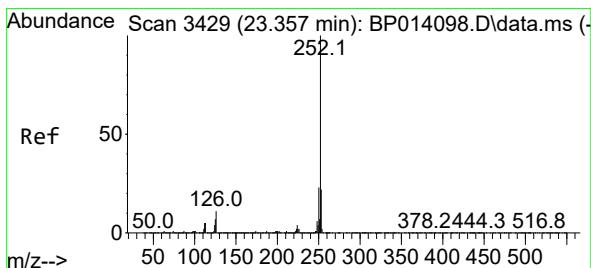
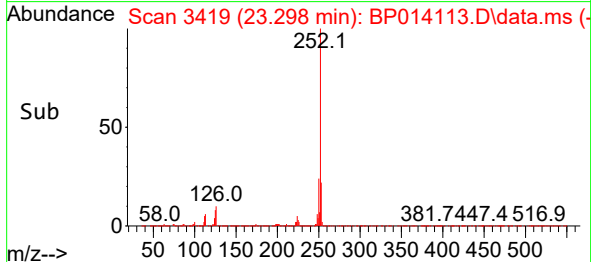
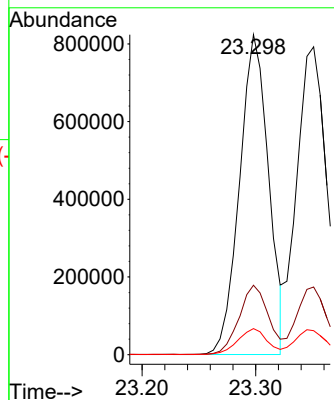
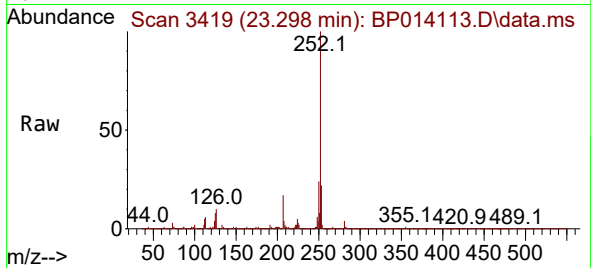




#90
Benzo(b)fluoranthene
Concen: 20.347 ng/ul
RT: 23.298 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

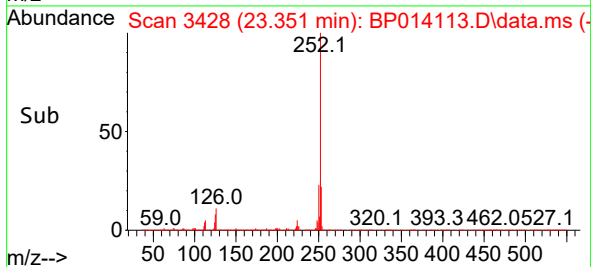
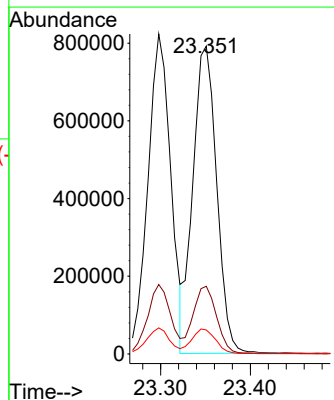
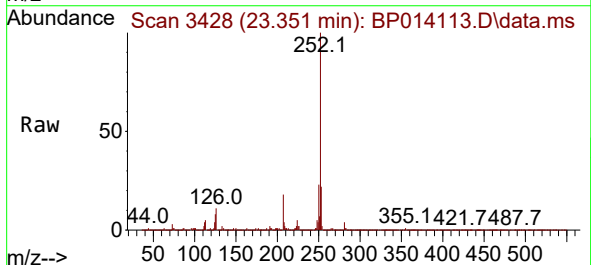
Instrument :
BNA_P
ClientSampleId :
SSTD020778

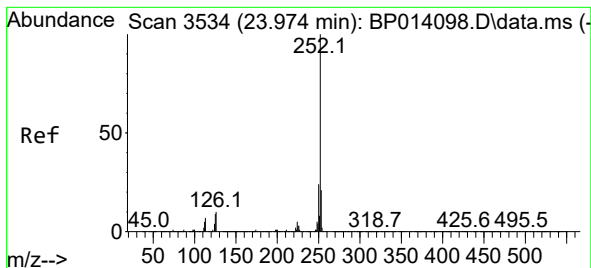
Tgt Ion:252 Resp: 1462026
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 8.1 5.4 8.2



#91
Benzo(k)fluoranthene
Concen: 21.249 ng/ul
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP014113.D
Acq: 16 Mar 2023 21:05

Tgt Ion:252 Resp: 1455944
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 7.8 5.5 8.3





#93

Benzo(a)pyrene

Concen: 20.070 ng/ul

RT: 23.968 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

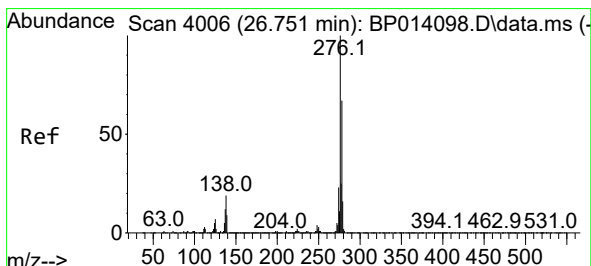
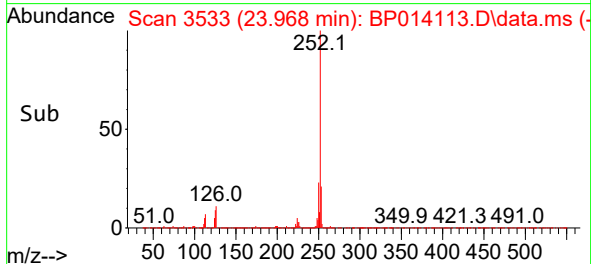
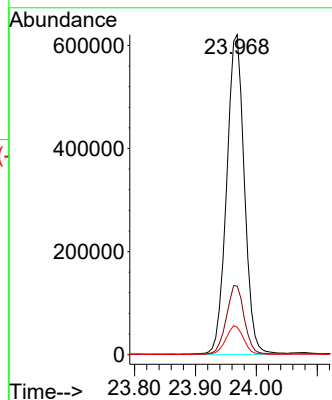
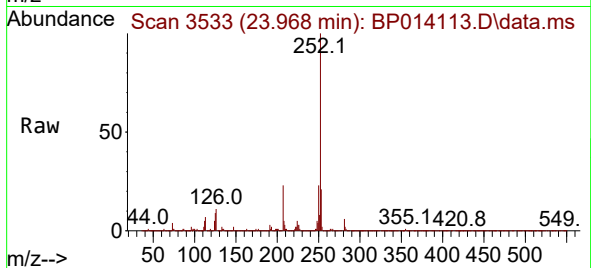
Tgt Ion:252 Resp: 1254341

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 8.6 6.2 9.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.143 ng/ul

RT: 26.745 min Scan# 4005

Delta R.T. -0.006 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

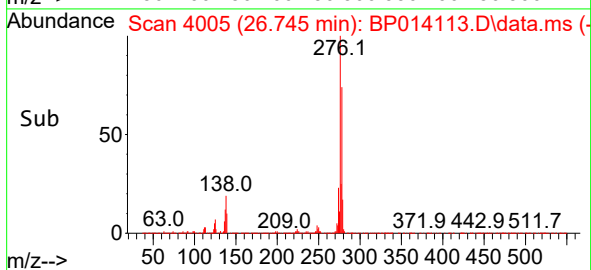
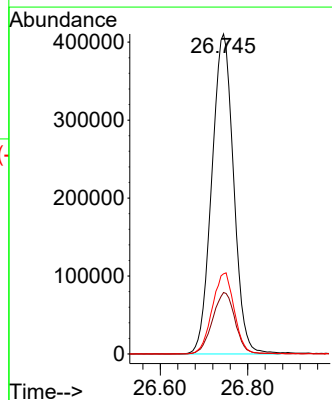
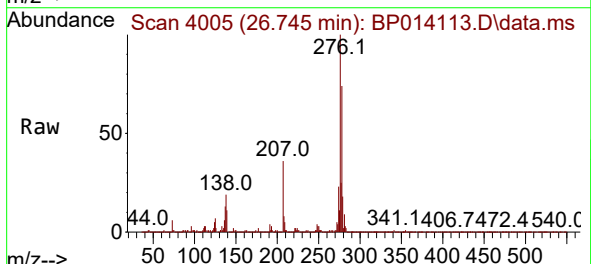
Tgt Ion:276 Resp: 1418301

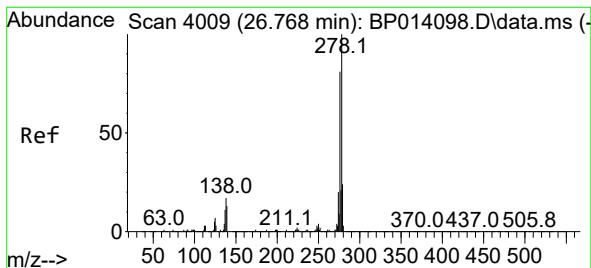
Ion Ratio Lower Upper

276 100

138 19.2 13.1 19.7

277 25.1 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 17.184 ng/ul

RT: 26.757 min Scan# 4009

Delta R.T. -0.012 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Instrument :

BNA_P

ClientSampleId :

SSTD020778

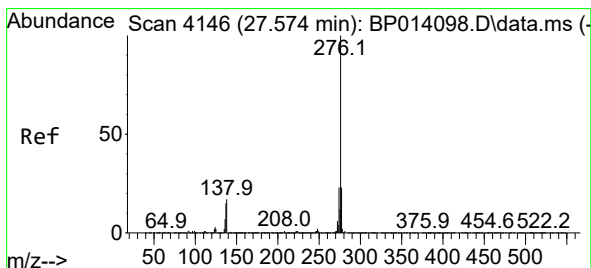
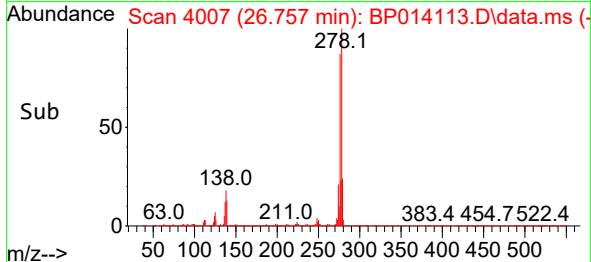
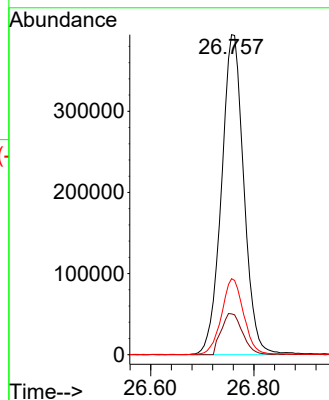
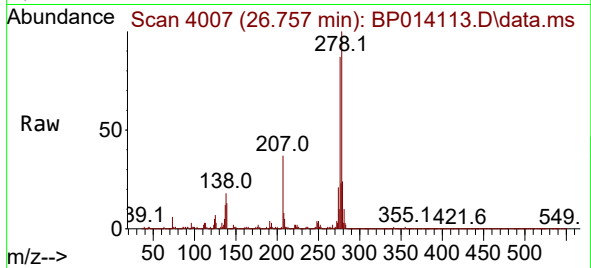
Tgt Ion:278 Resp: 1181683

Ion Ratio Lower Upper

278 100

139 12.8 8.7 13.1

279 23.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 16.596 ng/ul

RT: 27.562 min Scan# 4144

Delta R.T. -0.012 min

Lab File: BP014113.D

Acq: 16 Mar 2023 21:05

Tgt Ion:276 Resp: 1097518

Ion Ratio Lower Upper

276 100

138 17.3 11.9 17.9

277 23.7 18.7 28.1

