

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
 Data File : BP014060.D
 Acq On : 11 Mar 2023 09:13
 Operator : CG/JU
 Sample : PB151314BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS314

Quant Time: Mar 13 00:50:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 10 22:47:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	174401	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	721270	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	467433	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1133733	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1205525	20.000	ng/u1	0.00
88) Perylene-d12	24.080	264	1191614	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	29563	6.405	ng/uL	0.00
4) Pyridine-d5	3.864	84	421324	32.967	ng/u1	0.00
7) Phenol-d5	7.228	99	537461	34.922	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	311267	34.679	ng/u1	0.00
11) 2-Chlorophenol-d4	7.599	132	404605	34.506	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	422884	33.638	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	200197	34.787	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	235990	34.256	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	437036	33.716	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	511203	29.801	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1308566	32.986	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	1403294	33.393	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	234708	33.574	ng/u1	0.00
60) Fluorene-d10	15.704	176	1111842	33.071	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	279289	32.594	ng/u1	0.00
73) Anthracene-d10	17.569	188	1840445	33.440	ng/u1	0.00
81) Pyrene-d10	19.792	212	2298022	34.563	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	2179174	34.380	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	58284	11.696	ng/uL	90
5) Pyridine	3.881	79	418998	32.328	ng/u1	96
6) Benzaldehyde	7.205	77	306828	40.067	ng/u1	98
8) Phenol	7.252	94	555826	35.020	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.487	93	428851	35.269	ng/u1	98
12) 2-Chlorophenol	7.634	128	403542	34.158	ng/u1	97
13) 2-Methylphenol	8.516	108	402362	34.093	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.605	45	490201	37.330	ng/u1	99
16) Acetophenone	8.905	105	676653	33.318	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.893	70	356424	34.306	ng/u1	95
18) 4-Methylphenol	8.852	108	441701	34.026	ng/u1	99
19) Hexachloroethane	9.163	117	173111	33.457	ng/u1	99
22) Nitrobenzene	9.293	77	543278	35.290	ng/u1	99
23) Isophorone	9.822	82	1000502	33.748	ng/u1	99
25) 2-Nitrophenol	10.005	139	242251	34.119	ng/u1	97
26) 2,4-Dimethylphenol	10.057	107	500937	32.234	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.299	93	569185	33.192	ng/u1	99
29) 2,4-Dichlorophenol	10.540	162	419077	32.775	ng/u1	98
30) Naphthalene	10.946	128	1302045	32.874	ng/u1	99
32) 4-Chloroaniline	11.057	127	516268	29.909	ng/u1	99
33) Hexachlorobutadiene	11.228	225	317278	31.183	ng/u1	98
34) Caprolactam	11.852	113	78172	18.829	ng/u1	96
35) 4-Chloro-3-methylphenol	12.175	107	458355	31.000	ng/u1	98
36) 2-Methylnaphthalene	12.546	142	851341	30.645	ng/u1	100

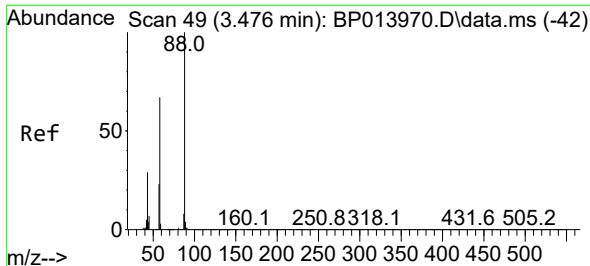
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	843840	30.221	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.910	216	549997	32.538	ng/ul	99
40) Hexachlorocyclopentadiene	12.887	237	336304	27.784	ng/ul	99
41) 2,4,6-Trichlorophenol	13.151	196	358511	33.763	ng/ul	99
42) 2,4,5-Trichlorophenol	13.222	196	388020	33.297	ng/ul	98
43) 1,1'-Biphenyl	13.546	154	1181459	32.830	ng/ul	100
44) 2-Chloronaphthalene	13.593	162	958873	33.548	ng/ul	97
45) 2-Nitroaniline	13.798	65	329864	39.022	ng/ul	92
47) Dimethylphthalate	14.163	163	1280775	32.618	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	271976	35.035	ng/ul	97
50) Acenaphthylene	14.440	152	1471599	33.368	ng/ul	100
51) 3-Nitroaniline	14.622	138	240875	35.044	ng/ul	95
52) Acenaphthene	14.775	153	1027455	33.325	ng/ul	100
53) 2,4-Dinitrophenol	14.828	184	183141	31.591	ng/ul	96
55) 4-Nitrophenol	14.928	109	251941	33.364	ng/ul	97
56) Dibenzofuran	15.110	168	1471145	32.799	ng/ul	98
57) 2,4-Dinitrotoluene	15.075	165	398727	34.377	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.334	232	367190	32.936	ng/ul	98
59) Diethylphthalate	15.528	149	1325248	33.276	ng/ul	100
61) Fluorene	15.763	166	1225170	32.953	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	665652	32.438	ng/ul	99
63) 4-Nitroaniline	15.792	138	273223	38.671	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.840	198	266833	32.640	ng/ul	94
67) N-Nitrosodiphenylamine	15.963	169	1067210	33.330	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	439575	32.072	ng/ul	99
69) Hexachlorobenzene	16.769	284	520328	32.217	ng/ul	98
70) Atrazine	16.916	200	405684	29.375	ng/ul	98
71) Pentachlorophenol	17.116	266	329052	31.168	ng/ul	98
72) Phenanthrene	17.510	178	2055293	33.237	ng/ul	99
74) Anthracene	17.604	178	2094250	33.402	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	543527	31.238	ng/uL	98
76) Pentachlorobenzene	15.028	250	555159	30.716	ng/uL	99
77) Carbazole	17.869	167	1890076	34.176	ng/ul	100
78) Di-n-butylphthalate	18.398	149	2336319	33.802	ng/ul	99
80) Fluoranthene	19.463	202	2641655	34.857	ng/ul	98
82) Pyrene	19.822	202	2729662	34.528	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1146288	35.960	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	969680	31.421	ng/ul	100
85) Benzo(a)anthracene	21.527	228	2883023	34.001	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	1701260	35.697	ng/ul	100
87) Chrysene	21.586	228	2708094	33.512	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	2951734	39.257	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2802242	35.292	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	2782585	36.751	ng/ul	100
93) Benzo(a)pyrene	23.974	252	2375444	34.395	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.751	276	2687880	29.400	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	2266230	29.824	ng/ul	99
96) Benzo(g,h,i)perylene	27.580	276	2123880	29.064	ng/ul	99

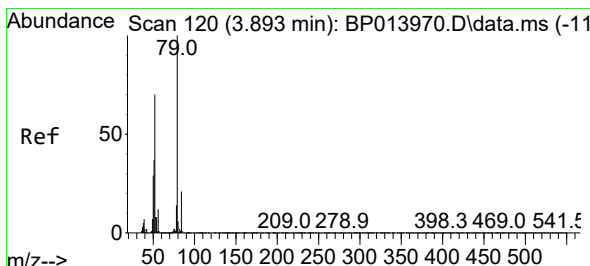
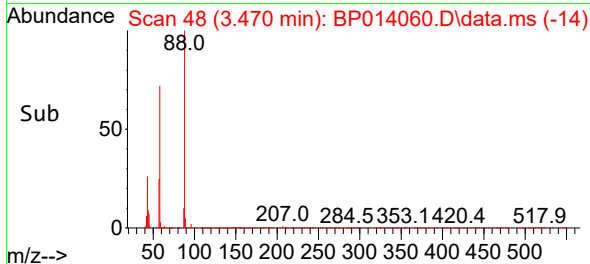
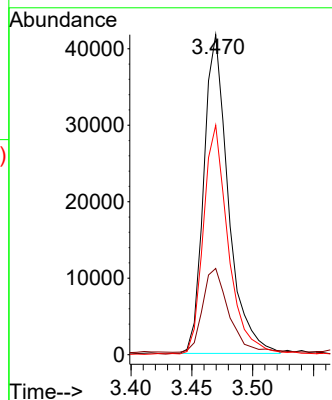
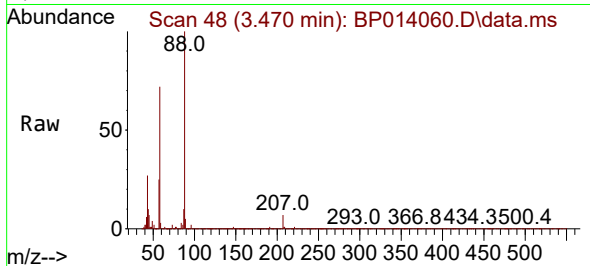
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#2
1,4-Dioxane
Concen: 11.696 ng/uL
RT: 3.470 min Scan# 41
Delta R.T. 0.000 min
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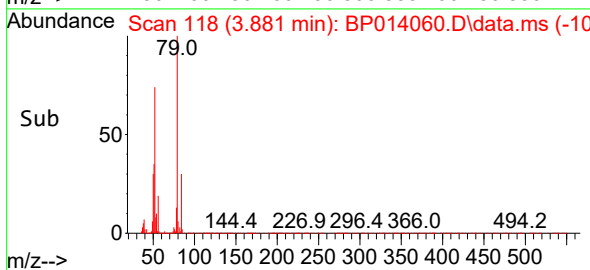
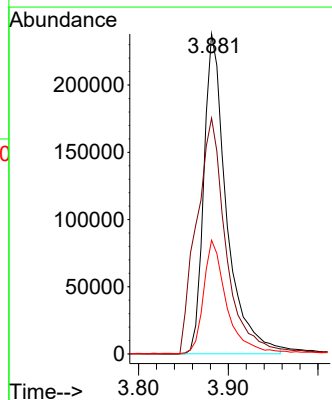
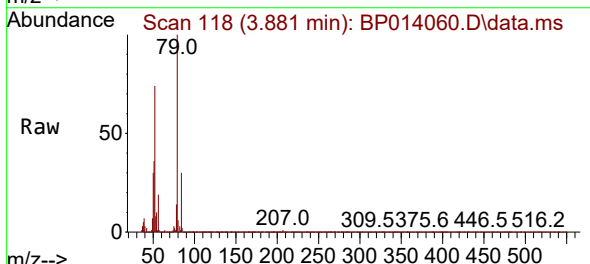
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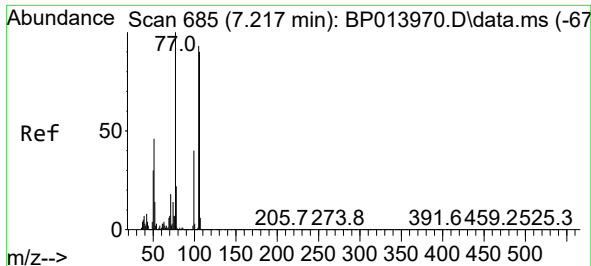
Tgt Ion: 88 Resp: 58284
Ion Ratio Lower Upper
88 100
43 26.9 23.9 35.9
58 71.7 50.2 75.2



#5
Pyridine
Concen: 32.328 ng/uL
RT: 3.881 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion: 79 Resp: 418998
Ion Ratio Lower Upper
79 100
52 73.7 55.1 82.7
51 35.6 28.9 43.3

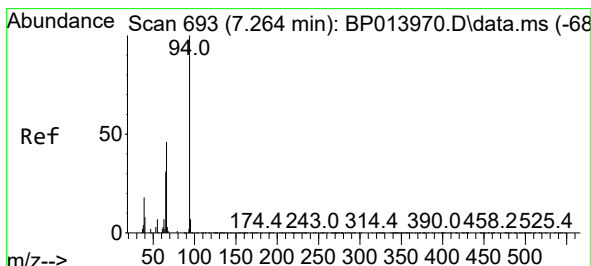
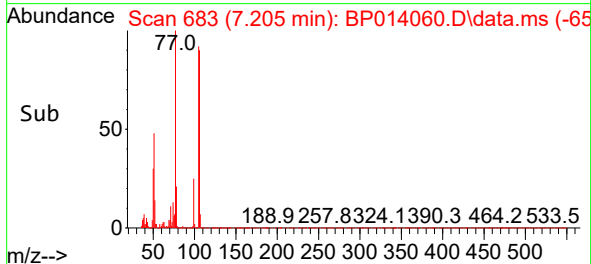
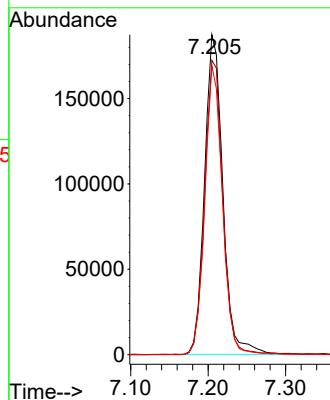
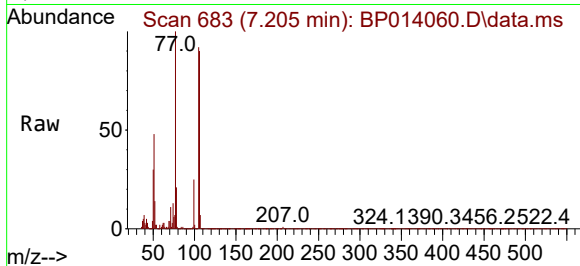




#6
Benzaldehyde
Concen: 40.067 ng/ul
RT: 7.205 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

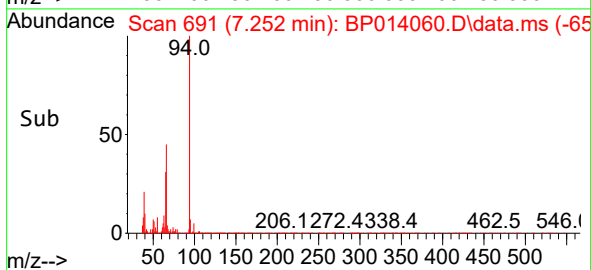
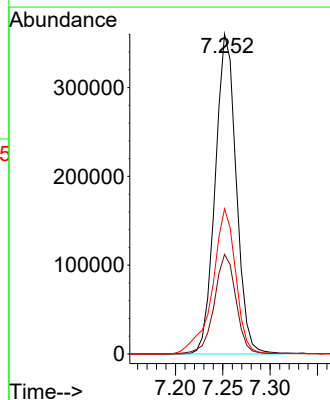
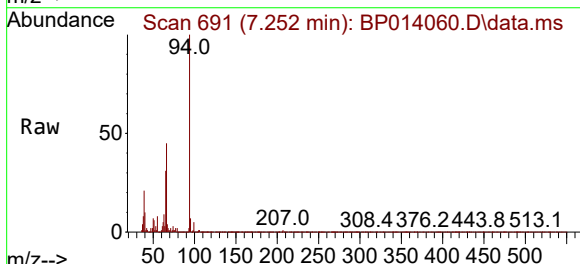
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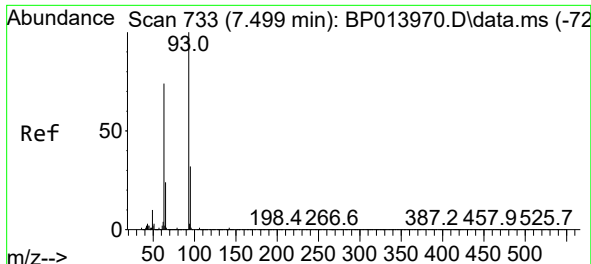
Tgt Ion: 77 Resp: 306828
Ion Ratio Lower Upper
77 100
105 91.9 74.2 111.2
106 90.2 69.8 104.8



#8
Phenol
Concen: 35.020 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion: 94 Resp: 555826
Ion Ratio Lower Upper
94 100
65 31.1 25.2 37.8
66 45.3 37.2 55.8

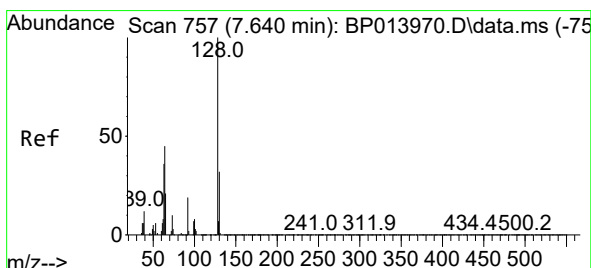
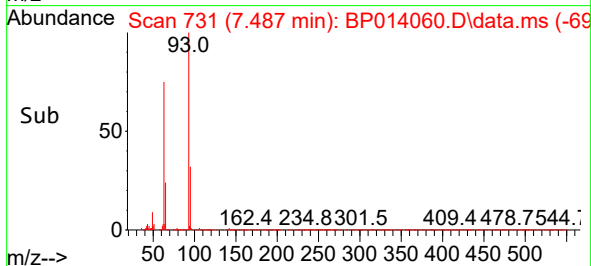
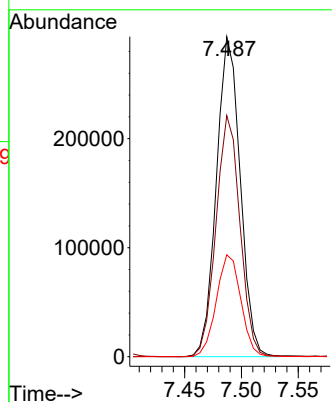
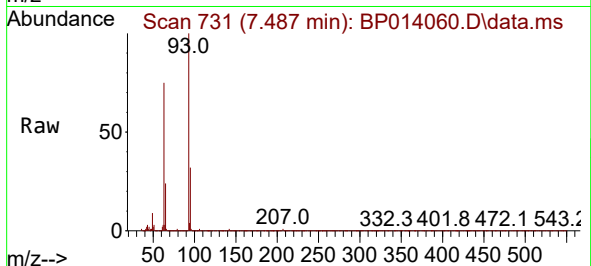




#10
Bis(2-Chloroethyl)ether
Concen: 35.269 ng/ul
RT: 7.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

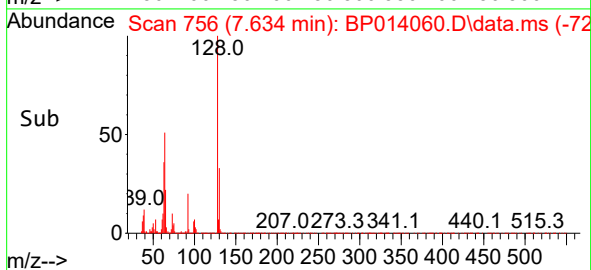
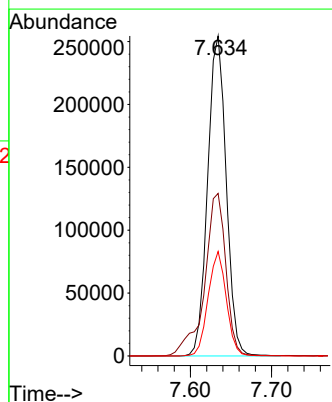
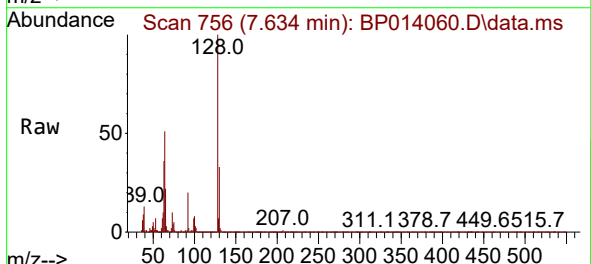
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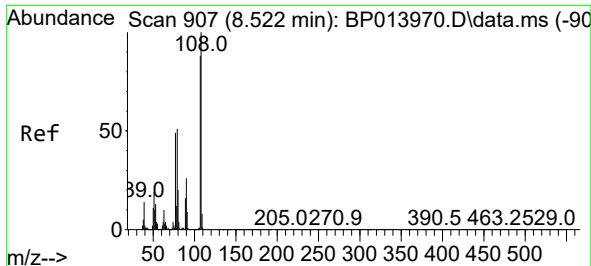
Tgt Ion: 93 Resp: 428851
Ion Ratio Lower Upper
93 100
63 75.4 58.8 88.2
95 31.8 25.8 38.6



#12
2-Chlorophenol
Concen: 34.158 ng/ul
RT: 7.634 min Scan# 756
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:128 Resp: 403542
Ion Ratio Lower Upper
128 100
64 50.8 38.3 57.5
130 32.6 25.7 38.5

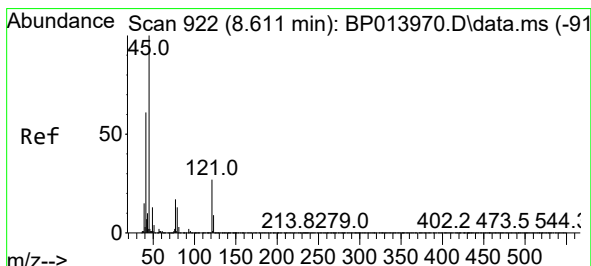
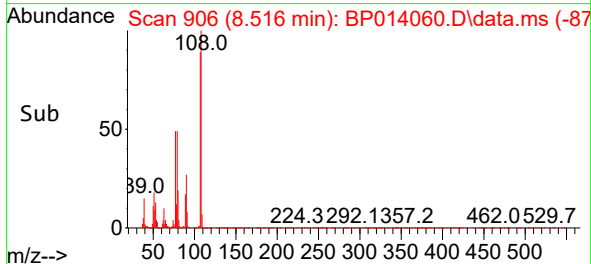
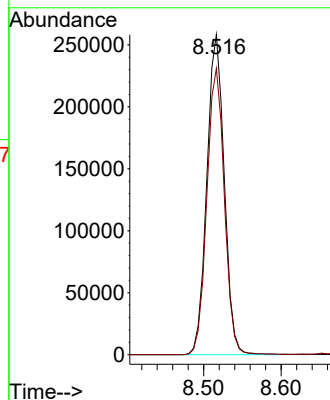
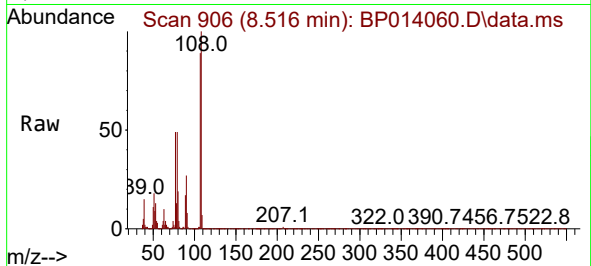




#13
2-Methylphenol
Concen: 34.093 ng/ul
RT: 8.516 min Scan# 907
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

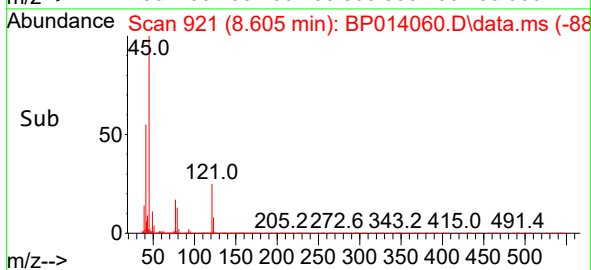
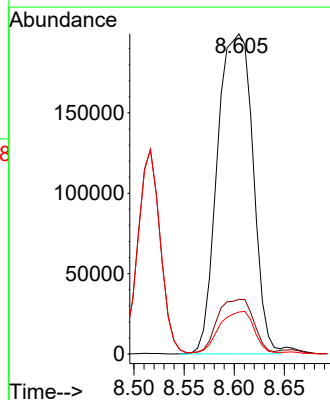
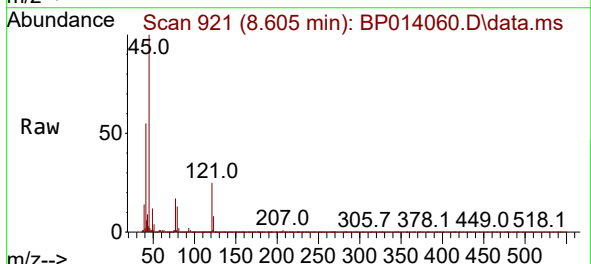
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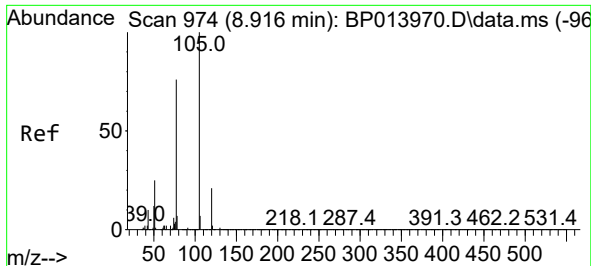
Tgt Ion:108 Resp: 402362
Ion Ratio Lower Upper
108 100
107 89.4 70.5 105.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 37.330 ng/ul
RT: 8.605 min Scan# 921
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion: 45 Resp: 490201
Ion Ratio Lower Upper
45 100
77 17.1 14.2 21.2
79 13.1 10.6 15.8

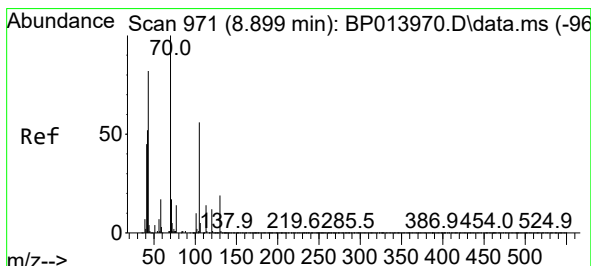
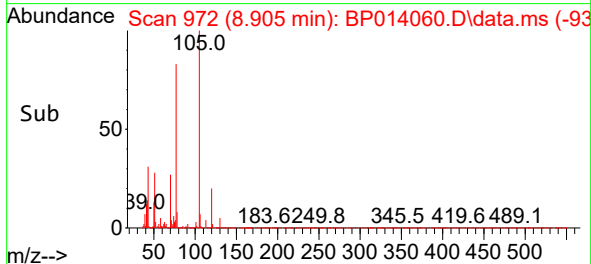
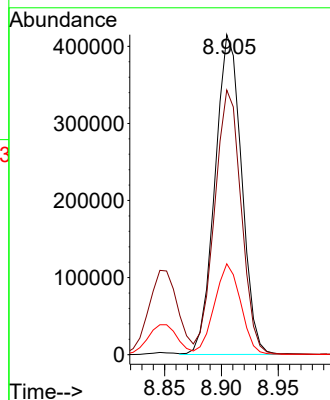
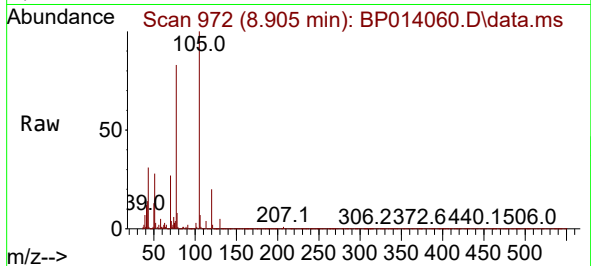




#16
Acetophenone
Concen: 33.318 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

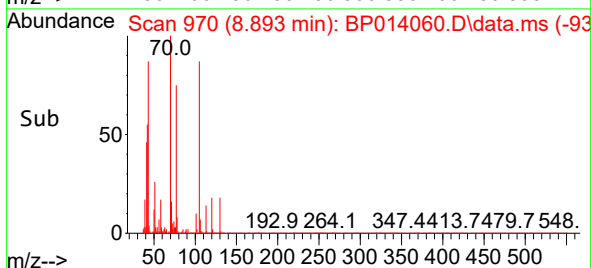
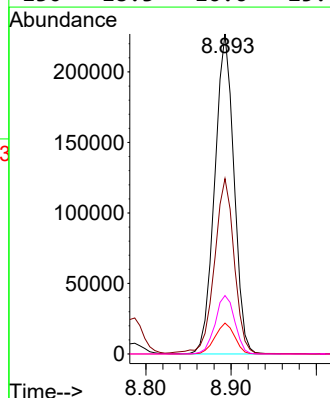
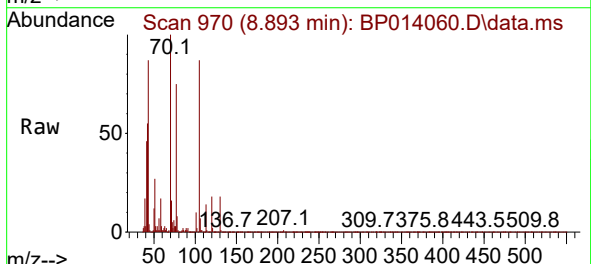
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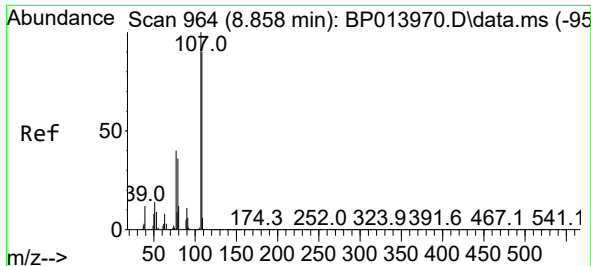
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Ion Ratio Lower Upper
105 100
77 82.7 65.4 98.2
51 28.4 21.8 32.8



#17
N-Nitroso-di-n-propylamine
Concen: 34.306 ng/ul
RT: 8.893 min Scan# 970
Delta R.T. 0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion: 70 Resp: 356424
Ion Ratio Lower Upper
70 100
42 54.8 40.9 61.3
101 9.6 7.9 11.9
130 18.3 16.6 25.0

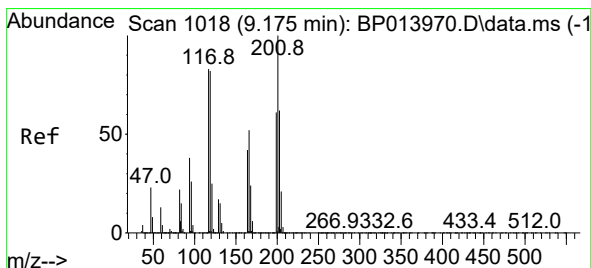
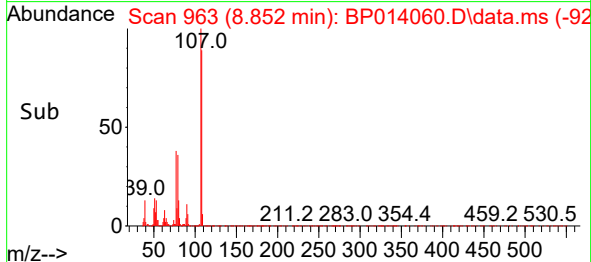
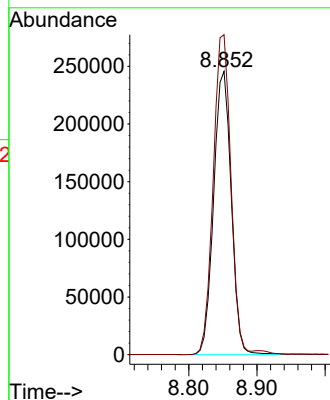
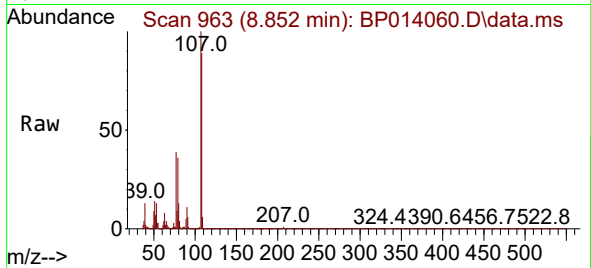




#18
4-Methylphenol
Concen: 34.026 ng/ul
RT: 8.852 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

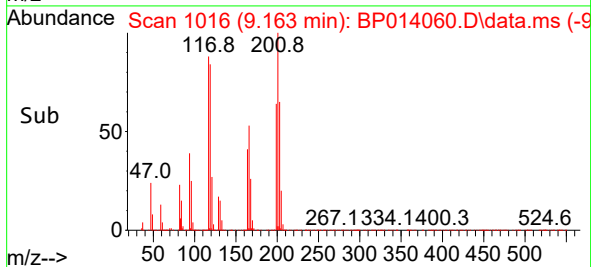
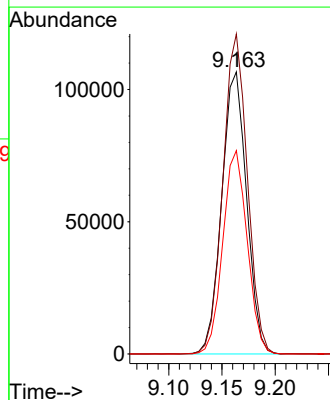
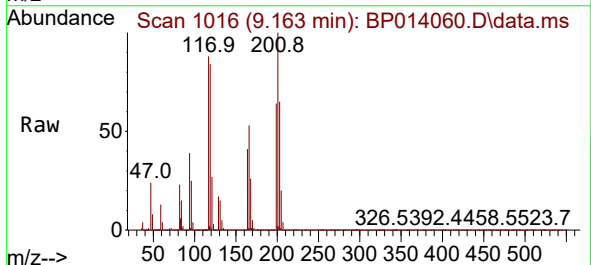
Instrument :
BNA_P
ClientSampleId :
SLCS314

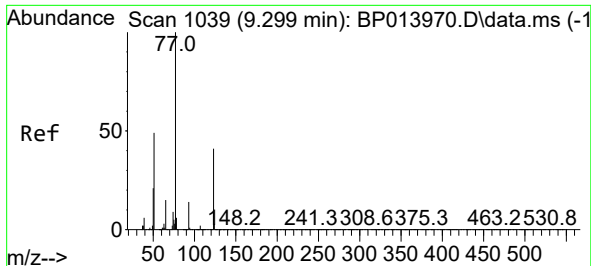
Tgt Ion:108 Resp: 441701
Ion Ratio Lower Upper
108 100
107 112.9 89.8 134.6



#19
Hexachloroethane
Concen: 33.457 ng/ul
RT: 9.163 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:117 Resp: 173111
Ion Ratio Lower Upper
117 100
201 113.5 91.7 137.5
199 72.1 59.1 88.7

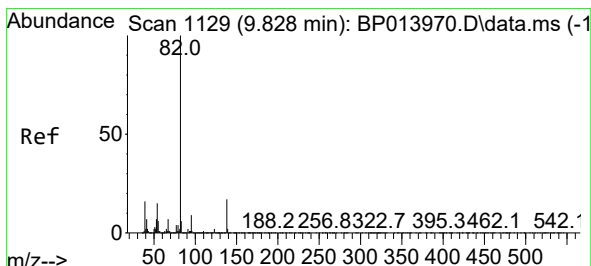
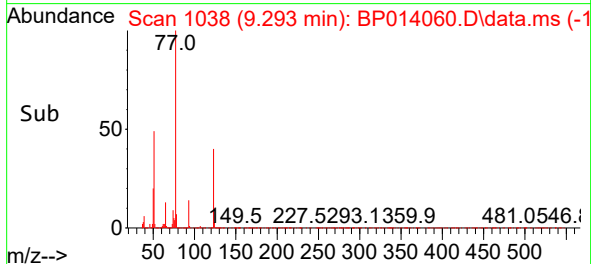
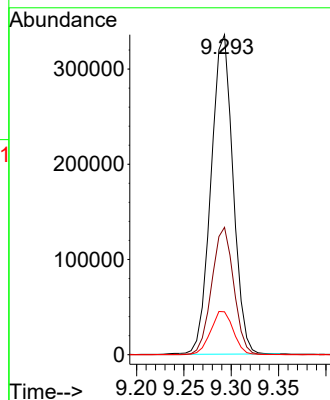
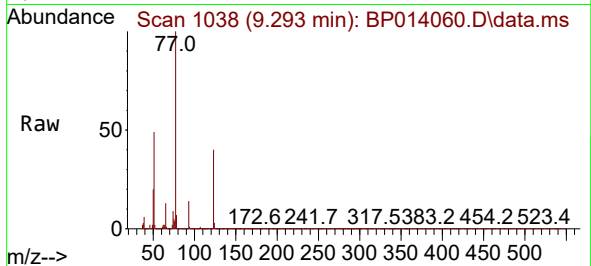




#22
Nitrobenzene
Concen: 35.290 ng/ul
RT: 9.293 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

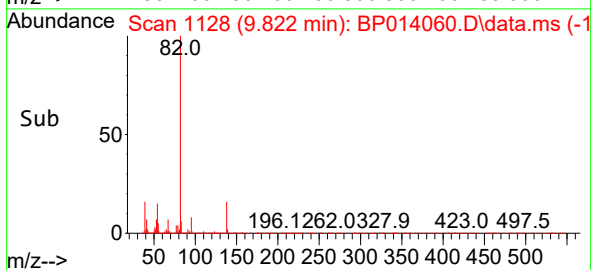
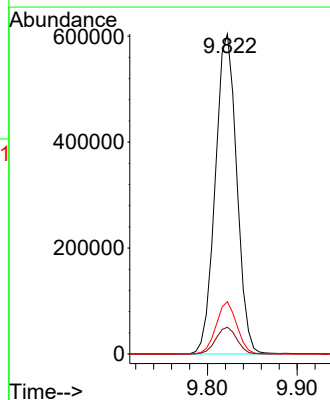
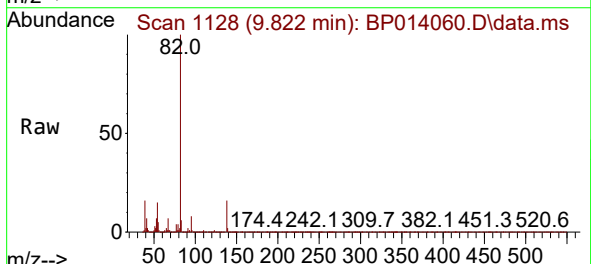
Instrument :
BNA_P
ClientSampleId :
SLCS314

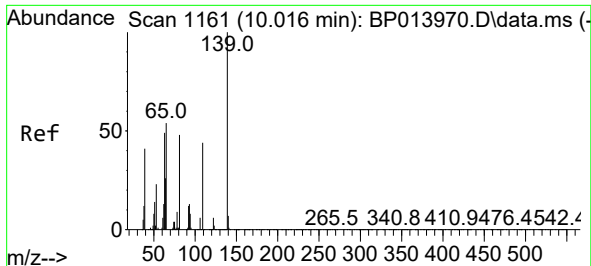
Tgt Ion: 77 Resp: 543278
Ion Ratio Lower Upper
77 100
123 39.8 32.6 48.8
65 13.4 11.2 16.8



#23
Isophorone
Concen: 33.748 ng/ul
RT: 9.822 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion: 82 Resp: 1000502
Ion Ratio Lower Upper
82 100
95 8.3 7.1 10.7
138 16.3 13.3 19.9

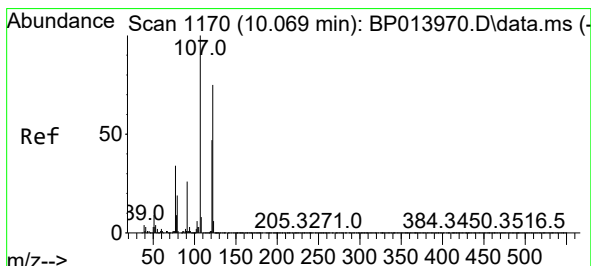
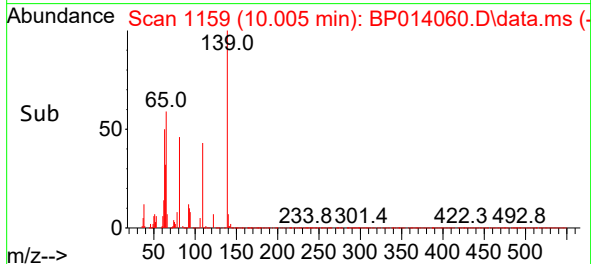
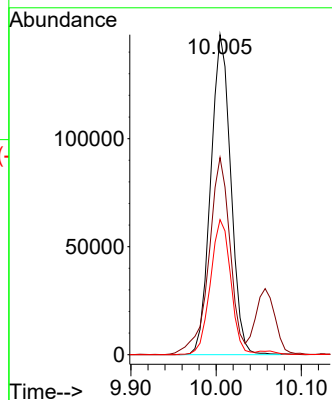
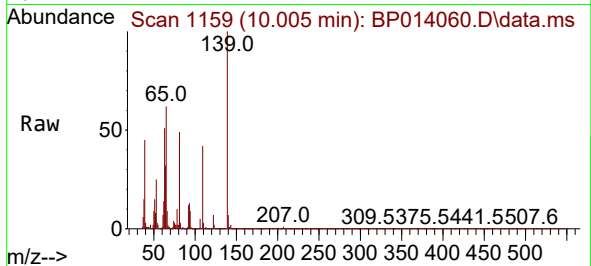




#25
2-Nitrophenol
Concen: 34.119 ng/ul
RT: 10.005 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

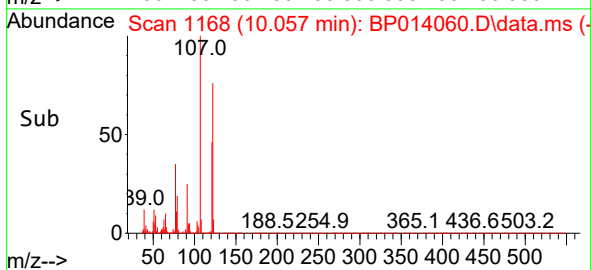
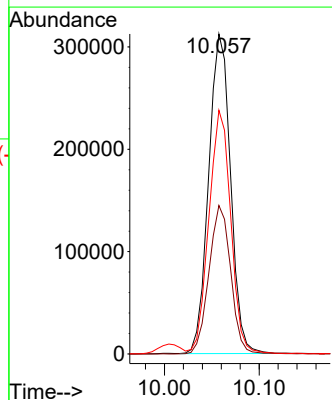
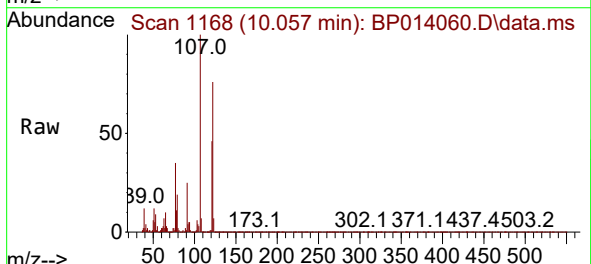
Instrument :
BNA_P
ClientSampleId :
SLCS314

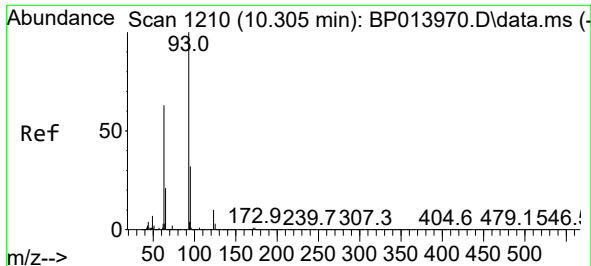
Tgt Ion:139 Resp: 242251
Ion Ratio Lower Upper
139 100
65 61.6 46.6 70.0
109 42.2 34.5 51.7



#26
2,4-Dimethylphenol
Concen: 32.234 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:107 Resp: 500937
Ion Ratio Lower Upper
107 100
121 46.4 37.1 55.7
122 76.1 61.2 91.8





#27

Bis(2-Chloroethoxy)methane

Concen: 33.192 ng/ul

RT: 10.299 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

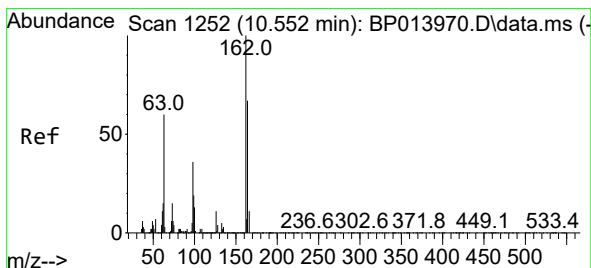
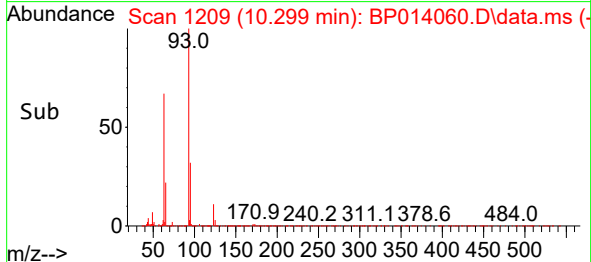
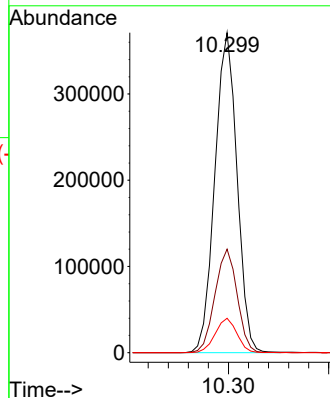
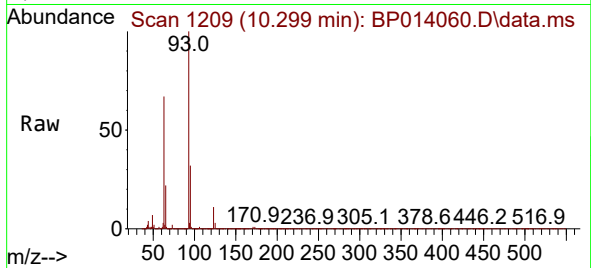
Tgt Ion: 93 Resp: 569185

Ion Ratio Lower Upper

93 100

95 32.4 25.6 38.4

123 10.8 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 32.775 ng/ul

RT: 10.540 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

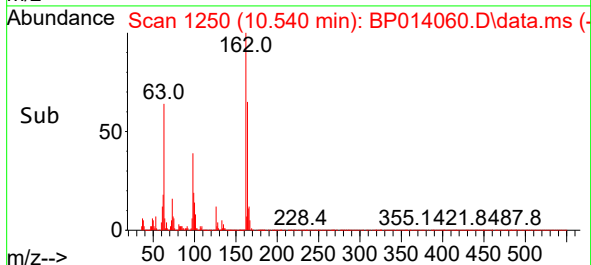
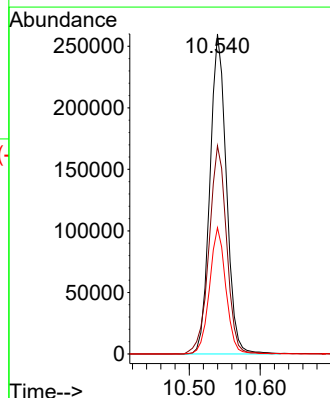
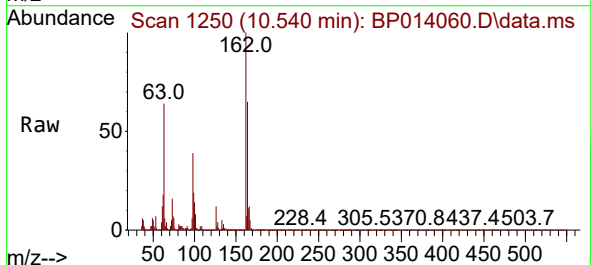
Tgt Ion:162 Resp: 419077

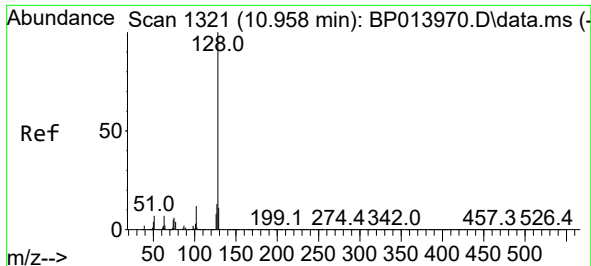
Ion Ratio Lower Upper

162 100

164 65.1 52.0 78.0

98 39.5 29.1 43.7

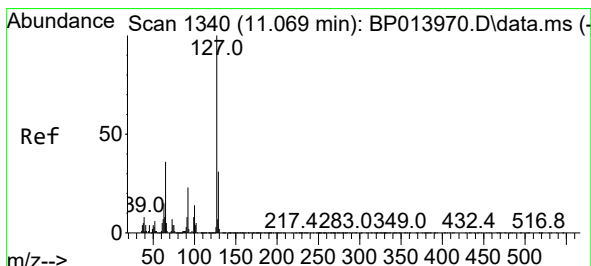
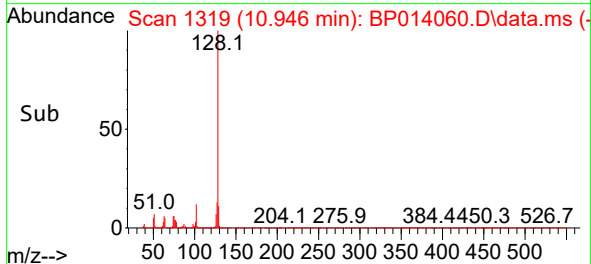
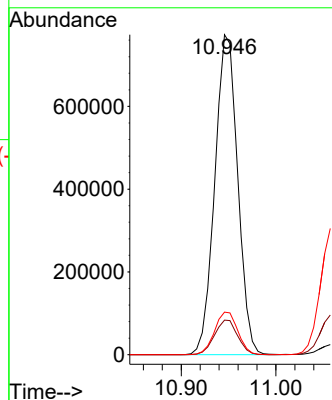
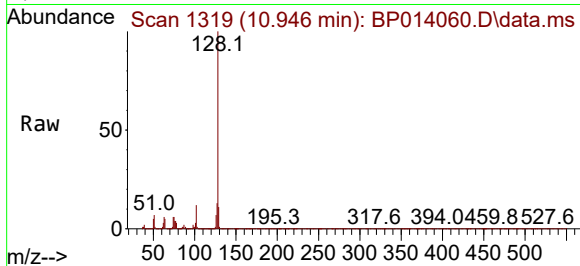




#30
Naphthalene
Concen: 32.874 ng/ul
RT: 10.946 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

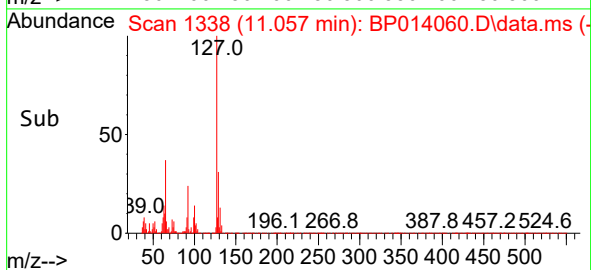
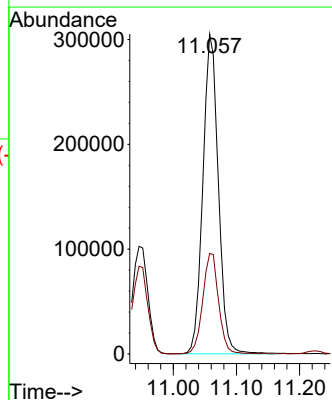
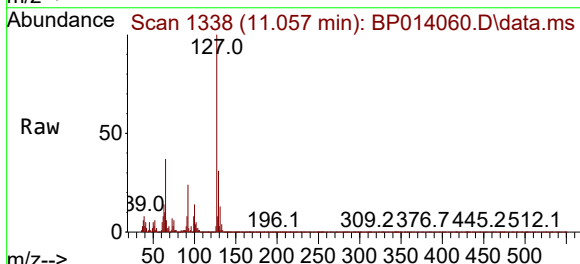
Instrument :
BNA_P
ClientSampleId :
SLCS314

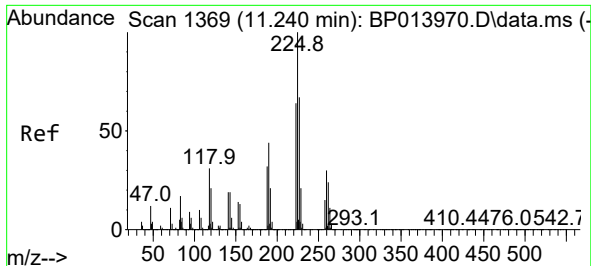
Tgt Ion:128 Resp: 1302045
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.3 11.0 16.4



#32
4-Chloroaniline
Concen: 29.909 ng/ul
RT: 11.057 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:127 Resp: 516268
Ion Ratio Lower Upper
127 100
129 31.4 24.9 37.3

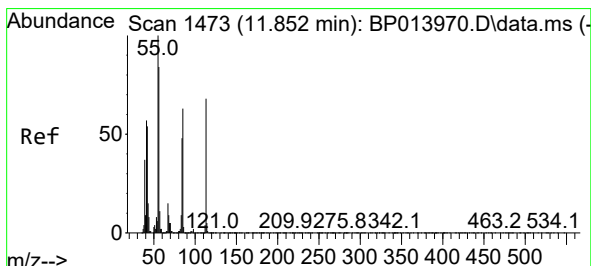
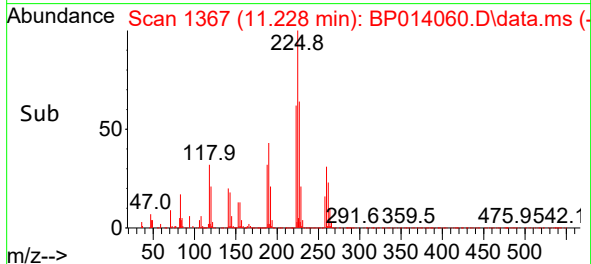
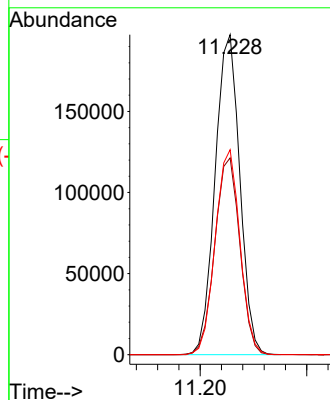
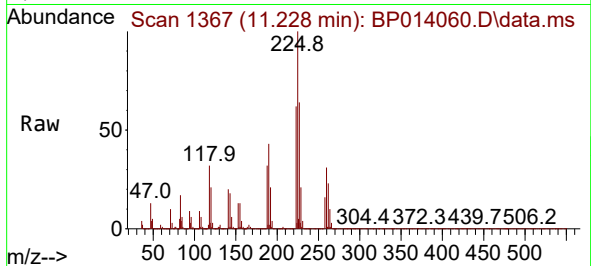




#33
Hexachlorobutadiene
Concen: 31.183 ng/ul
RT: 11.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

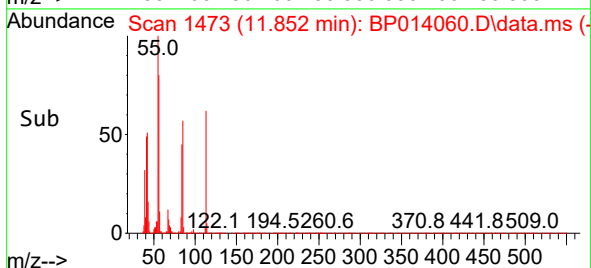
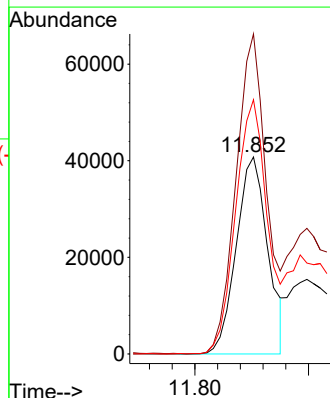
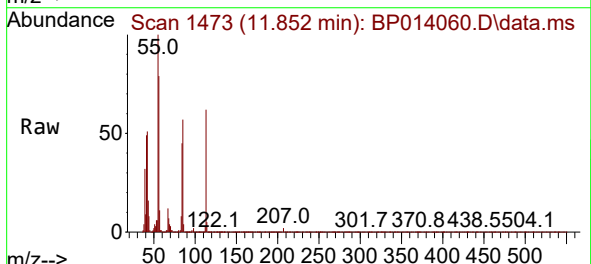
Instrument :
BNA_P
ClientSampleId :
SLCS314

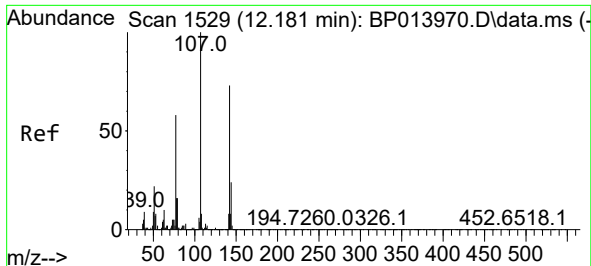
Tgt Ion:225 Resp: 317278
Ion Ratio Lower Upper
225 100
223 61.5 48.0 72.0
227 64.0 50.3 75.5



#34
Caprolactam
Concen: 18.829 ng/ul
RT: 11.852 min Scan# 1473
Delta R.T. 0.012 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:113 Resp: 78172
Ion Ratio Lower Upper
113 100
55 162.5 124.0 186.0
56 129.1 102.0 153.0

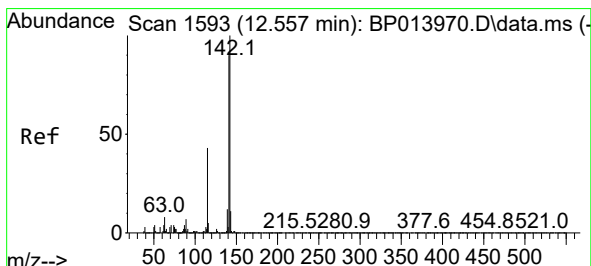
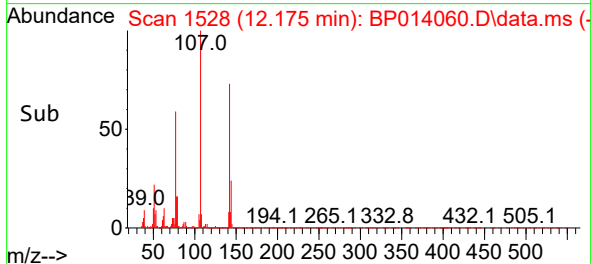
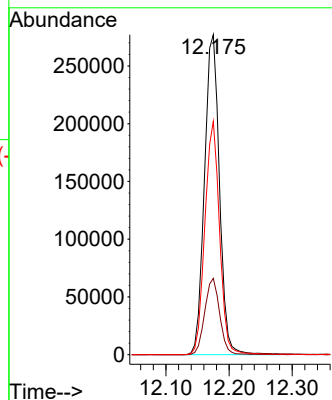
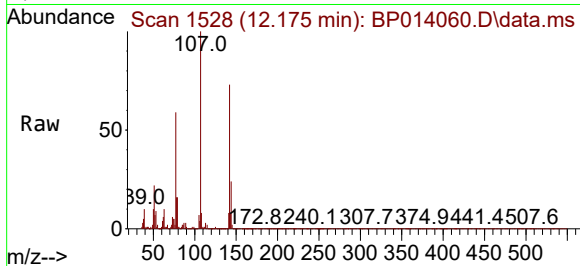




#35
4-Chloro-3-methylphenol
Concen: 31.000 ng/ul
RT: 12.175 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

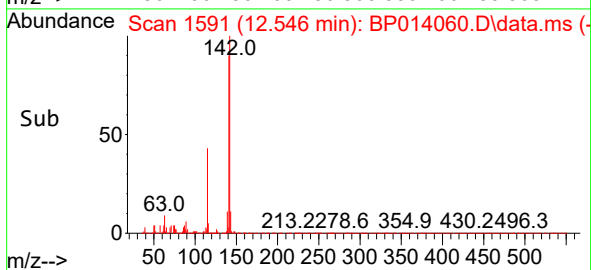
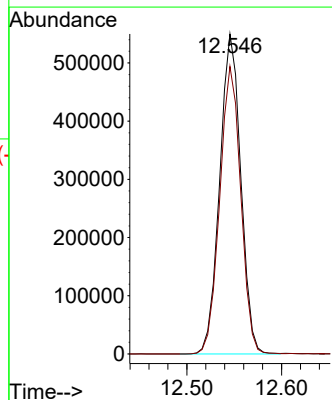
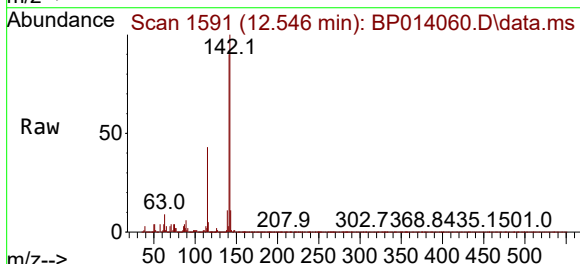
Instrument :
BNA_P
ClientSampleId :
SLCS314

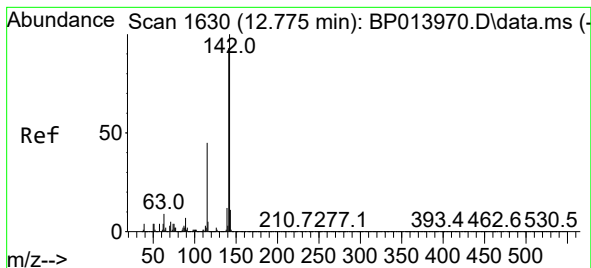
Tgt Ion:107 Resp: 458355
Ion Ratio Lower Upper
107 100
144 23.8 19.4 29.0
142 73.0 59.6 89.4



#36
2-Methylnaphthalene
Concen: 30.645 ng/ul
RT: 12.546 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:142 Resp: 851341
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5





#37

1-Methylnaphthalene

Concen: 30.221 ng/ul

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

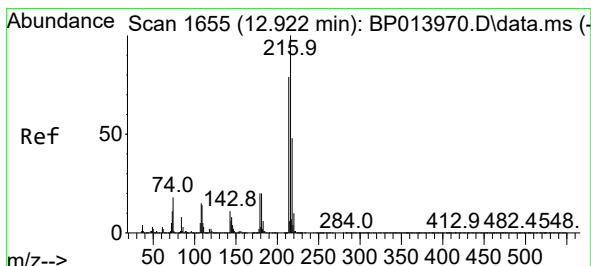
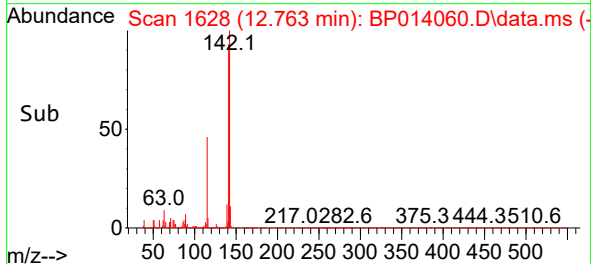
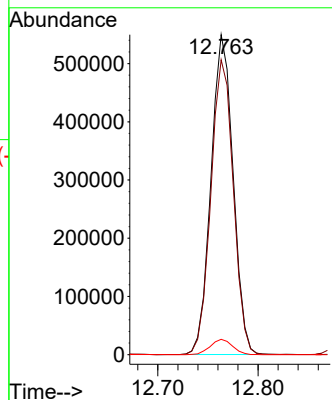
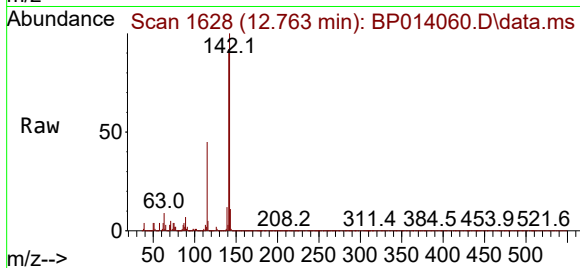
Tgt Ion:142 Resp: 843840

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.6

116 4.8 3.7 5.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.538 ng/ul

RT: 12.910 min Scan# 1653

Delta R.T. -0.006 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Tgt Ion:216 Resp: 549997

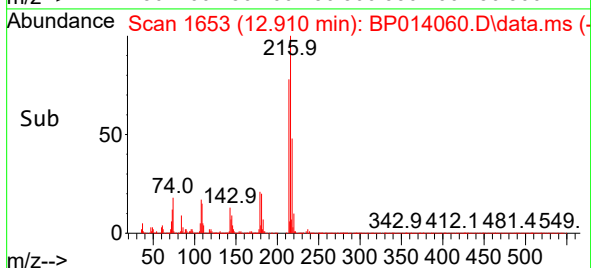
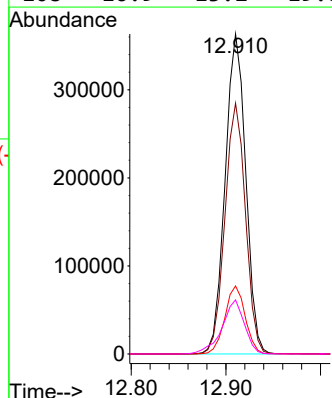
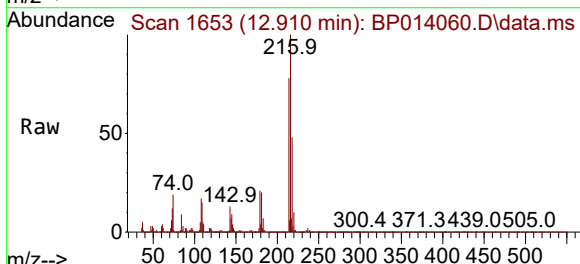
Ion Ratio Lower Upper

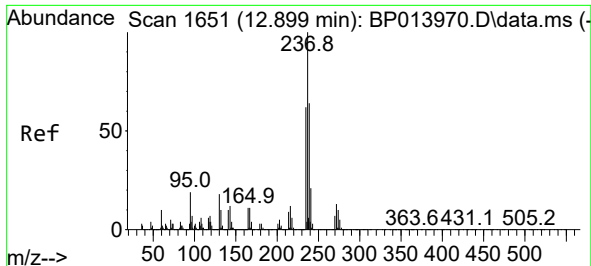
216 100

214 78.3 61.7 92.5

179 21.2 16.2 24.4

108 16.9 13.2 19.8

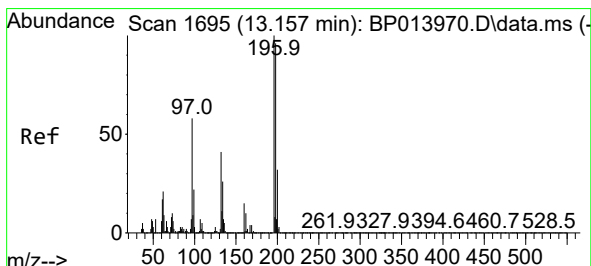
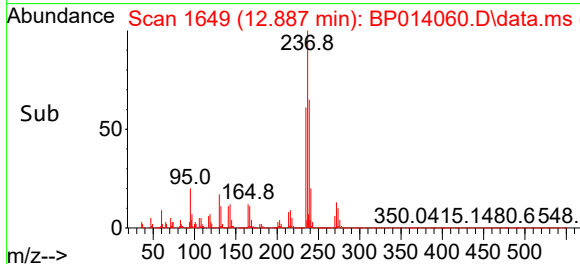
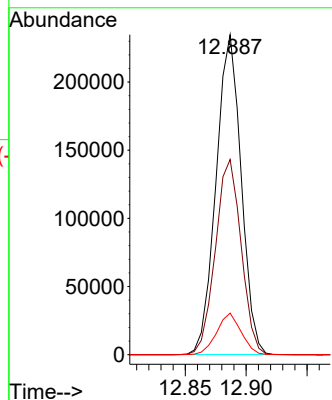
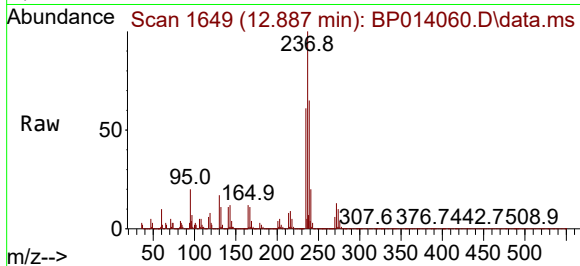




#40
Hexachlorocyclopentadiene
Concen: 27.784 ng/ul
RT: 12.887 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

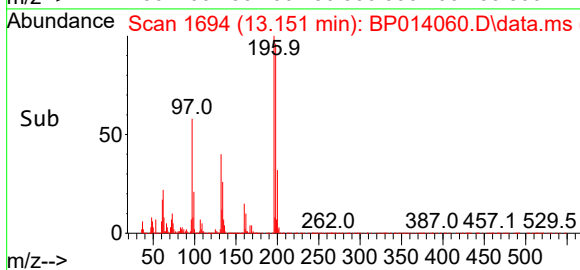
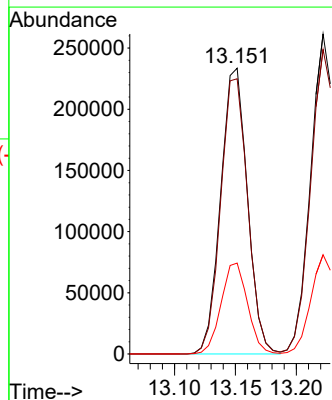
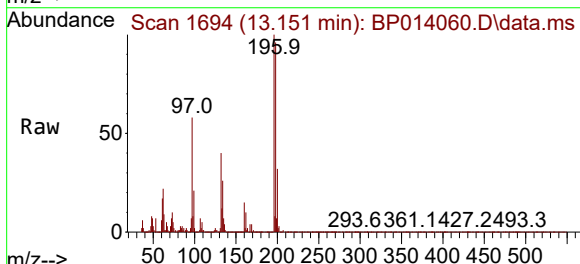
Instrument :
BNA_P
ClientSampleId :
SLCS314

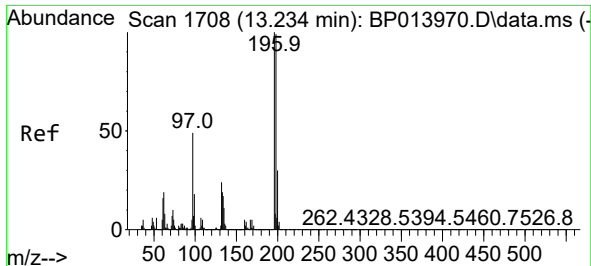
Tgt Ion:237 Resp: 336304
Ion Ratio Lower Upper
237 100
235 61.0 49.0 73.6
272 13.0 9.6 14.4



#41
2,4,6-Trichlorophenol
Concen: 33.763 ng/ul
RT: 13.151 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:196 Resp: 358511
Ion Ratio Lower Upper
196 100
198 96.3 78.5 117.7
200 31.8 25.4 38.0

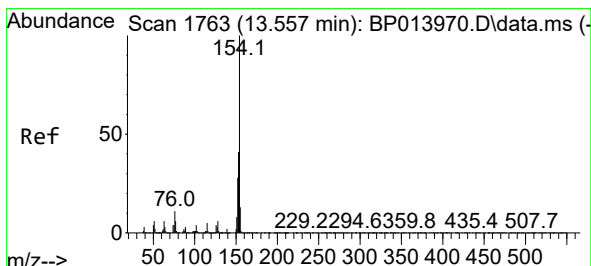
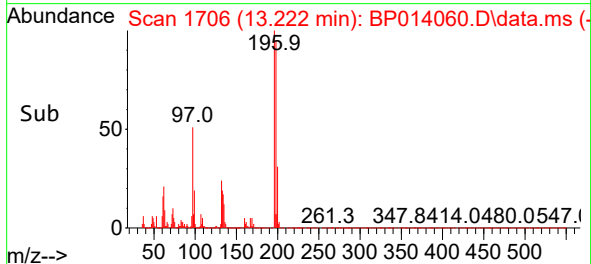
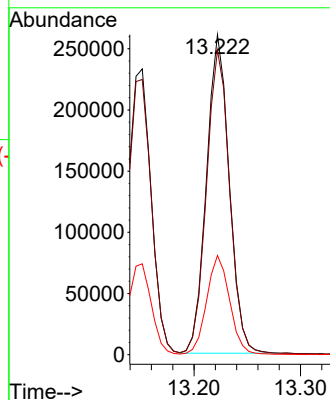
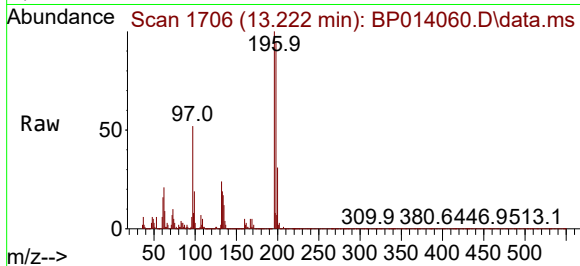




#42
2,4,5-Trichlorophenol
Concen: 33.297 ng/ul
RT: 13.222 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

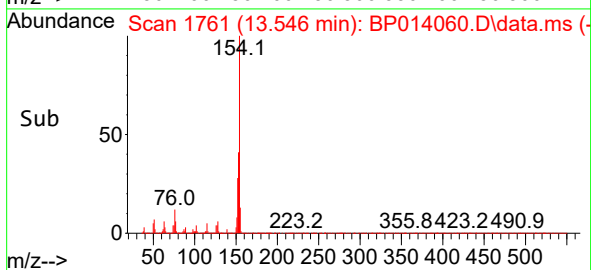
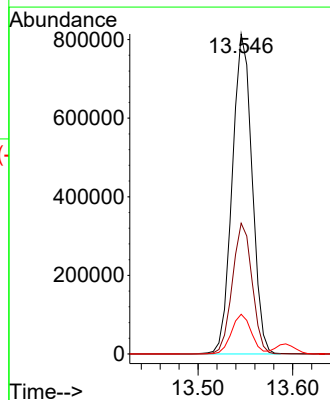
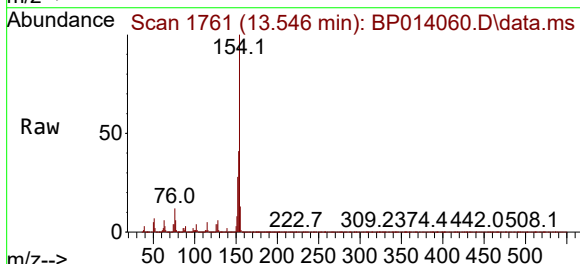
Instrument :
BNA_P
ClientSampleId :
SLCS314

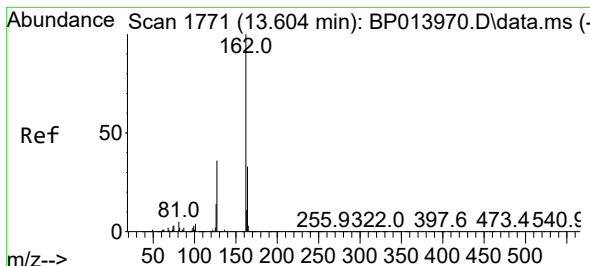
Tgt Ion:196 Resp: 388020
Ion Ratio Lower Upper
196 100
198 95.1 77.6 116.4
200 31.0 25.3 37.9



#43
1,1'-Biphenyl
Concen: 32.830 ng/ul
RT: 13.546 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:154 Resp: 1181459
Ion Ratio Lower Upper
154 100
153 40.8 32.6 49.0
76 12.4 9.4 14.0





#44

2-Chloronaphthalene

Concen: 33.548 ng/ul

RT: 13.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

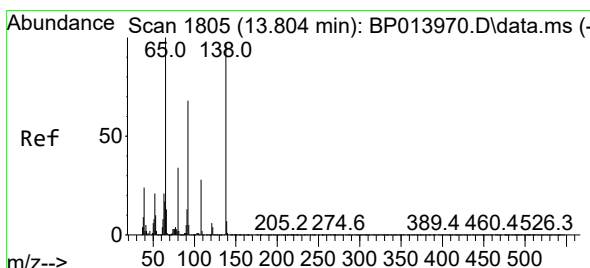
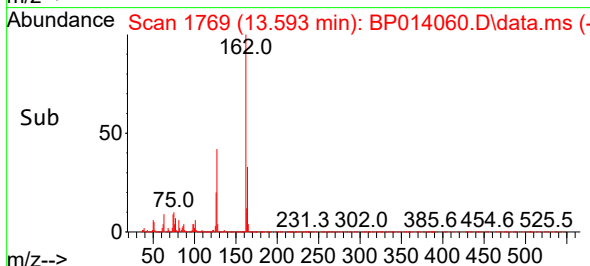
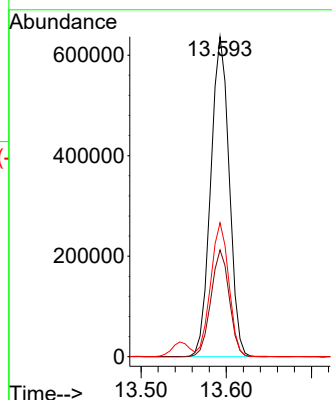
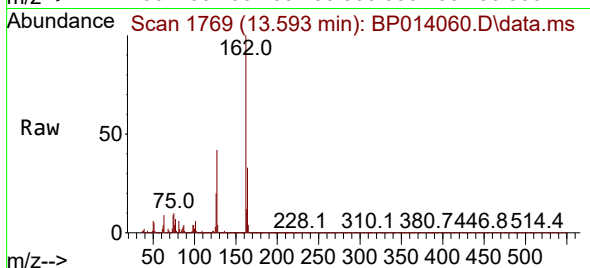
Tgt Ion:162 Resp: 958873

Ion Ratio Lower Upper

162 100

164 33.4 26.0 39.0

127 41.8 31.3 46.9



#45

2-Nitroaniline

Concen: 39.022 ng/ul

RT: 13.798 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

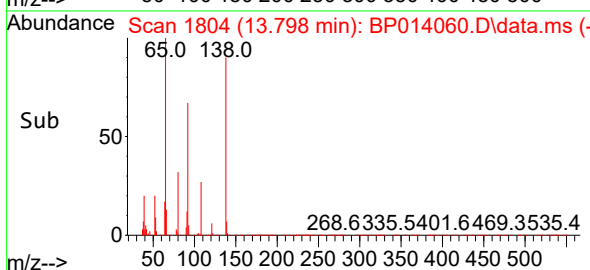
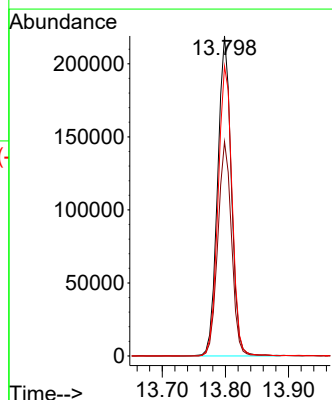
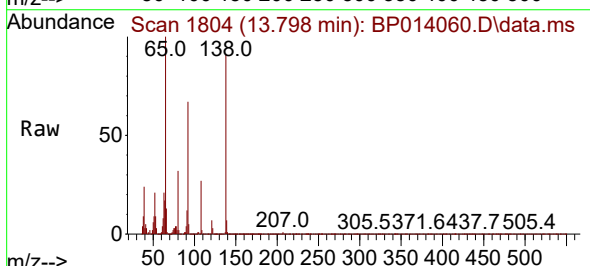
Tgt Ion: 65 Resp: 329864

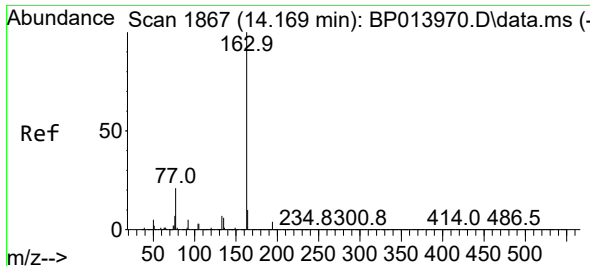
Ion Ratio Lower Upper

65 100

92 66.9 56.3 84.5

138 90.5 81.4 122.2

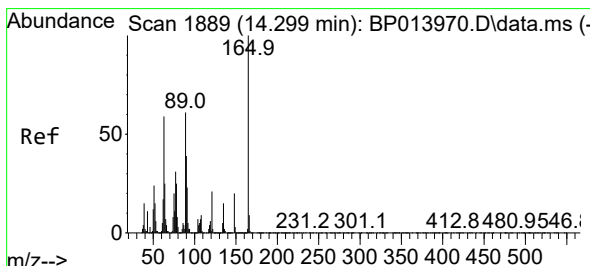
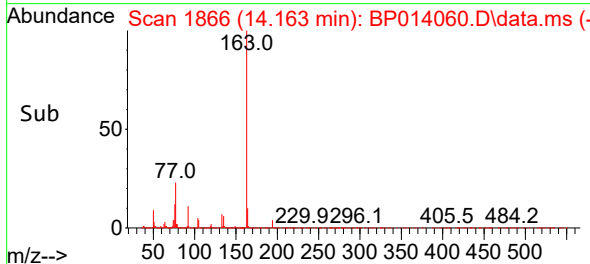
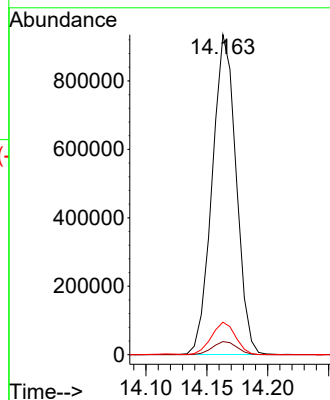
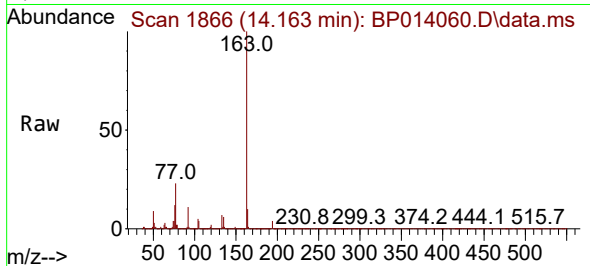




#47
Dimethylphthalate
Concen: 32.618 ng/ul
RT: 14.163 min Scan# 1866
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

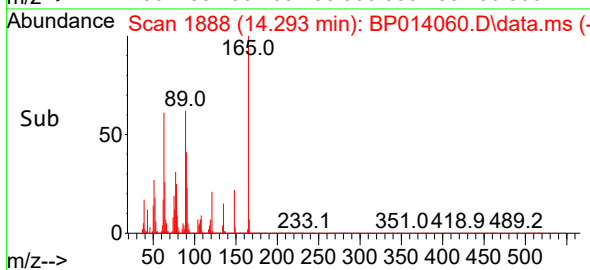
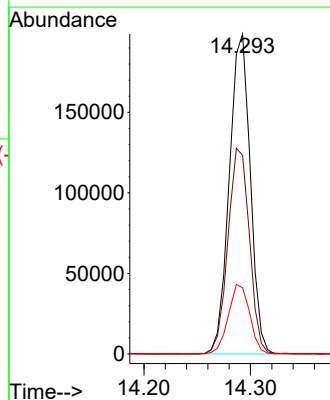
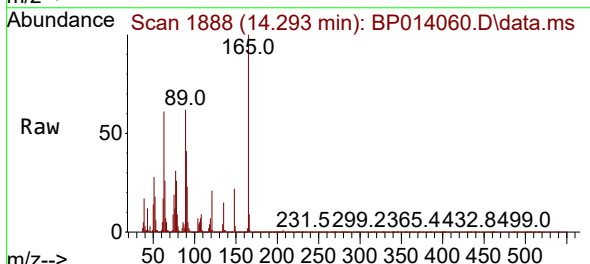
Instrument :
BNA_P
ClientSampleId :
SLCS314

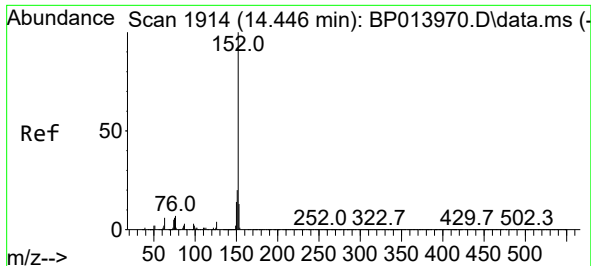
Tgt Ion:163 Resp: 1280775
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 35.035 ng/ul
RT: 14.293 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:165 Resp: 271976
Ion Ratio Lower Upper
165 100
89 62.0 51.7 77.5
121 20.6 17.5 26.3

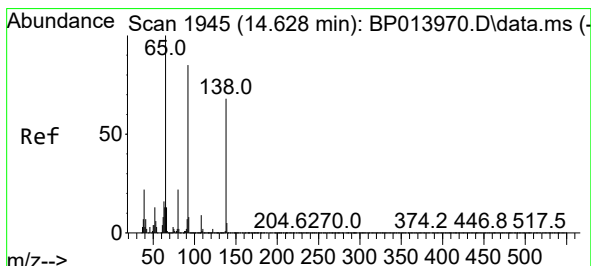
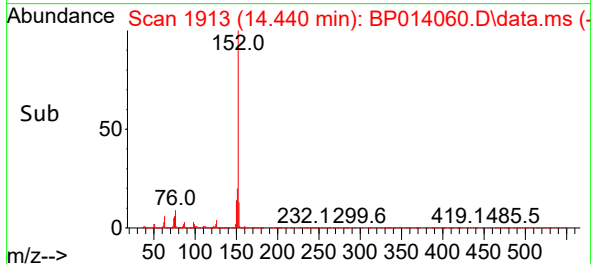
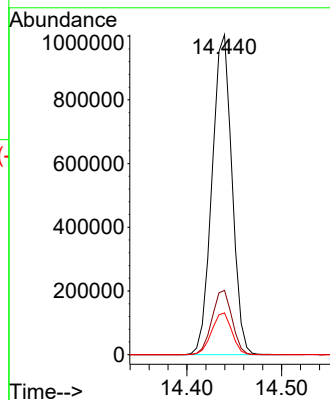
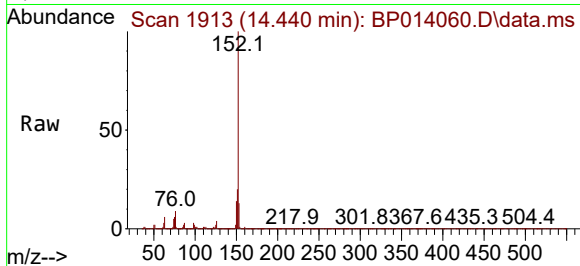




#50
Acenaphthylene
Concen: 33.368 ng/ul
RT: 14.440 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

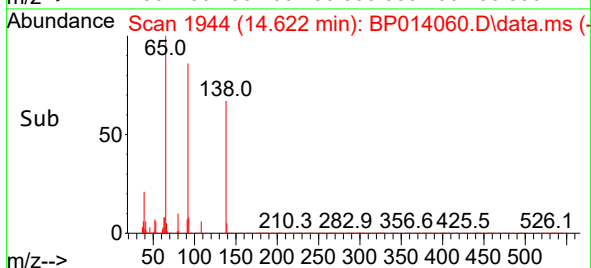
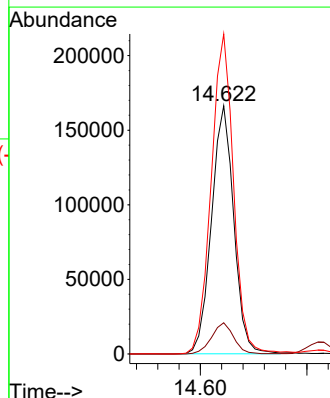
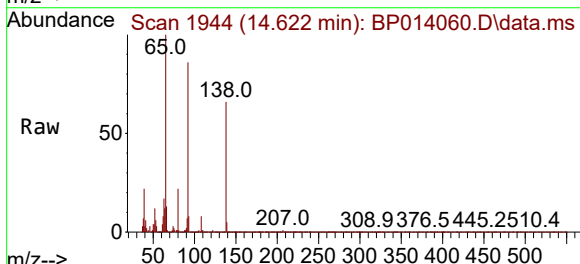
Instrument :
BNA_P
ClientSampleId :
SLCS314

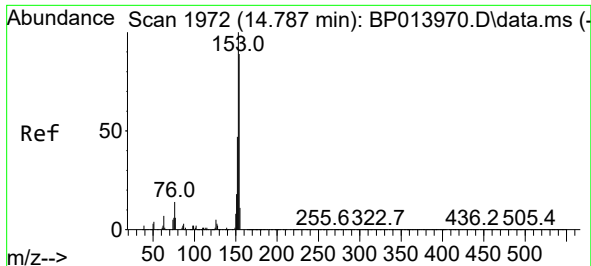
Tgt Ion:152 Resp: 1471599
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.0 10.4 15.6



#51
3-Nitroaniline
Concen: 35.044 ng/ul
RT: 14.622 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:138 Resp: 240875
Ion Ratio Lower Upper
138 100
108 12.6 10.5 15.7
92 128.9 98.5 147.7

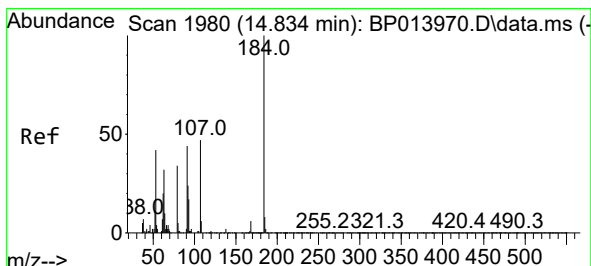
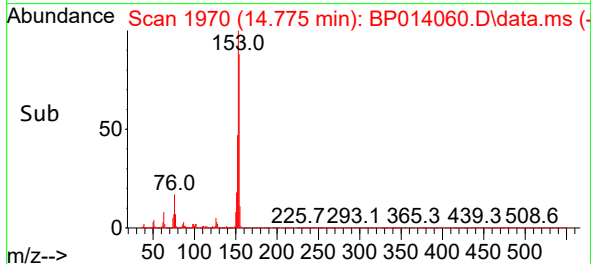
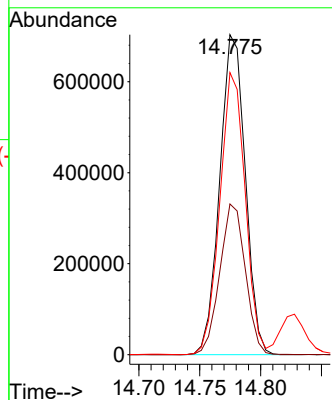
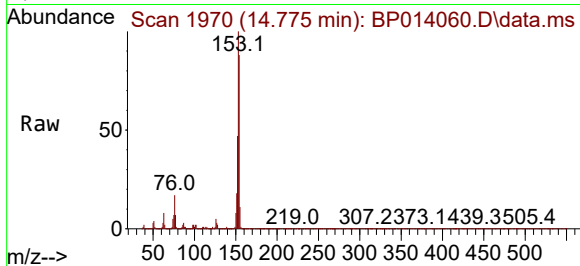




#52
Acenaphthene
Concen: 33.325 ng/ul
RT: 14.775 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

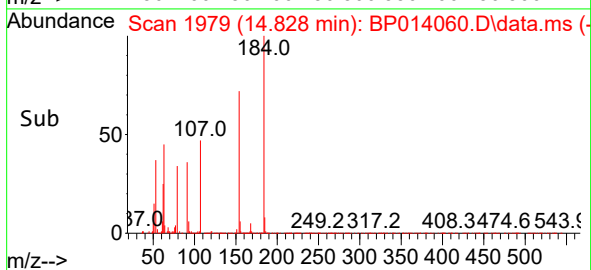
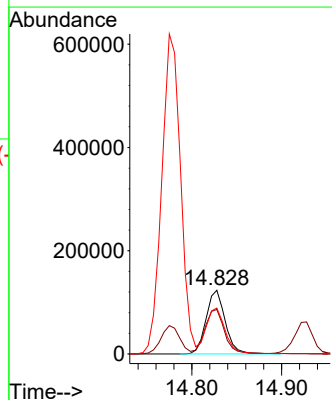
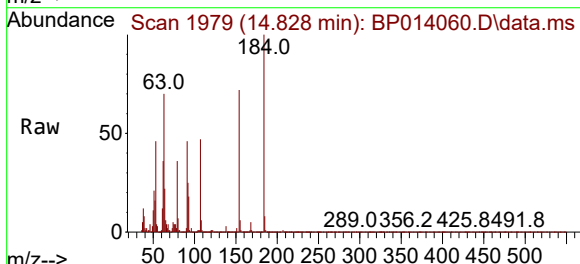
Instrument :
BNA_P
ClientSampleId :
SLCS314

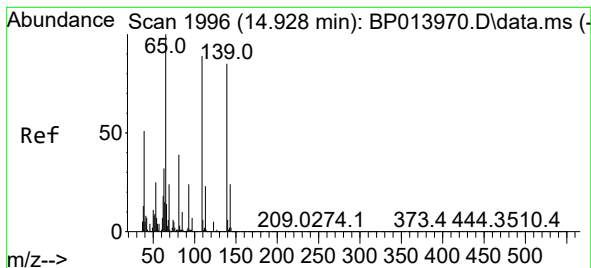
Tgt Ion:153 Resp: 1027455
Ion Ratio Lower Upper
153 100
152 47.1 37.7 56.5
154 88.1 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 31.591 ng/ul
RT: 14.828 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:184 Resp: 183141
Ion Ratio Lower Upper
184 100
63 69.7 51.9 77.9
154 72.1 58.8 88.2

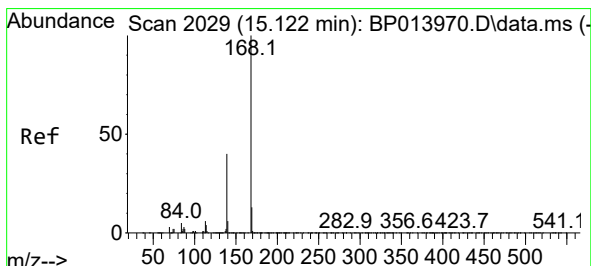
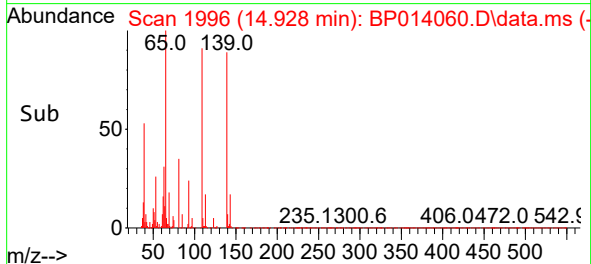
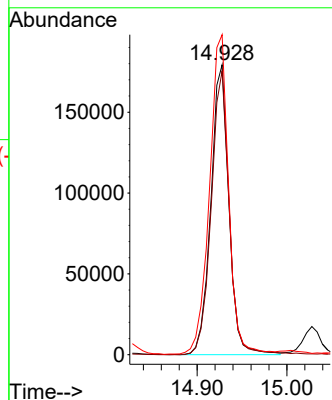
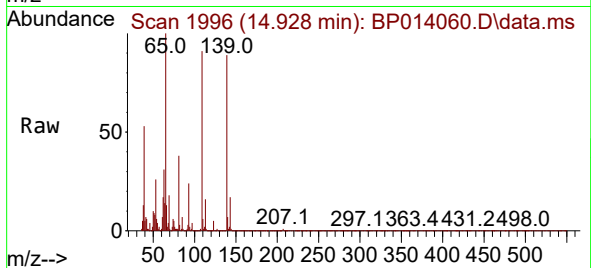




#55
4-Nitrophenol
Concen: 33.364 ng/ul
RT: 14.928 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

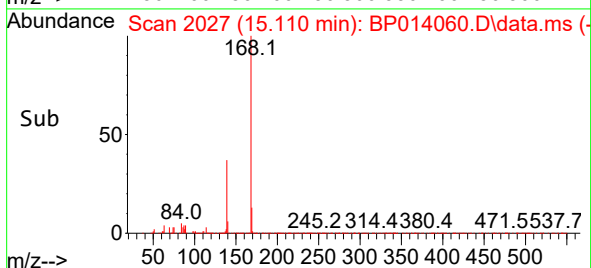
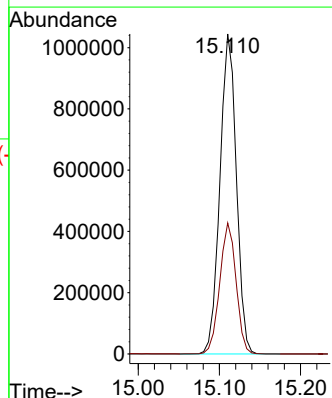
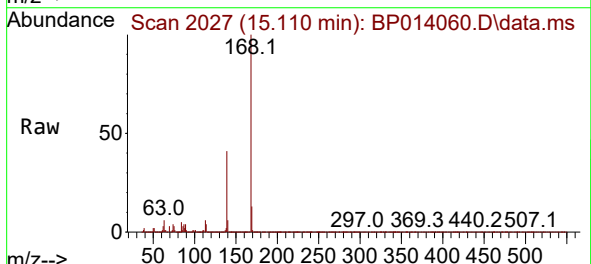
Instrument :
BNA_P
ClientSampleId :
SLCS314

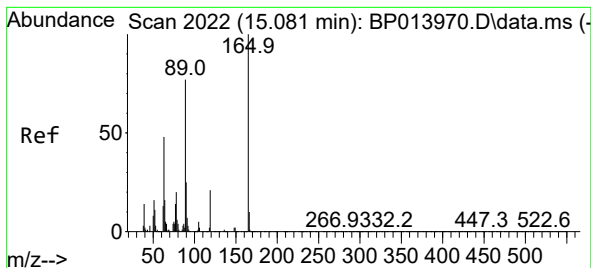
Tgt Ion:109 Resp: 251941
Ion Ratio Lower Upper
109 100
139 97.9 74.5 111.7
65 110.3 86.6 130.0



#56
Dibenzofuran
Concen: 32.799 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:168 Resp: 1471145
Ion Ratio Lower Upper
168 100
139 40.9 31.8 47.6

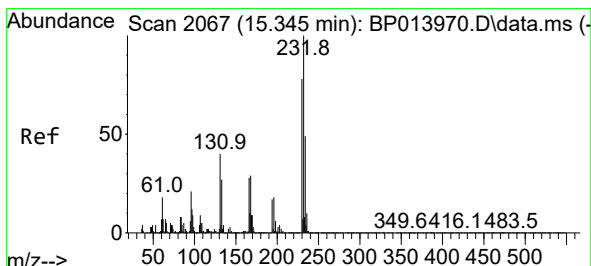
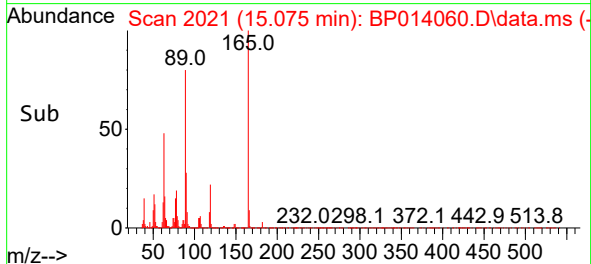
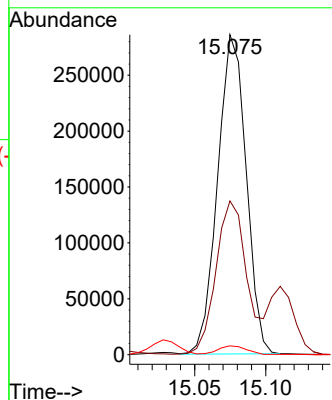
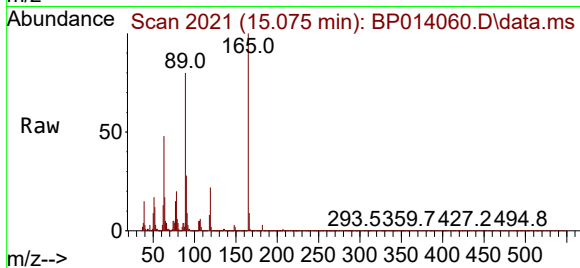




#57
2,4-Dinitrotoluene
Concen: 34.377 ng/ul
RT: 15.075 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

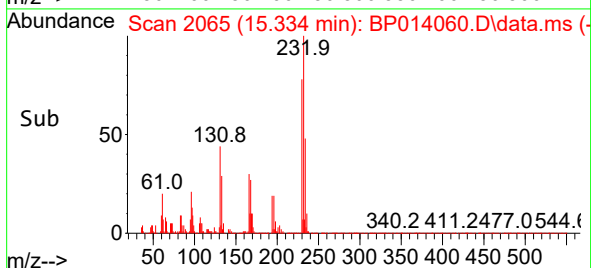
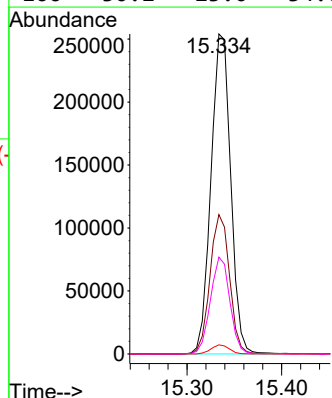
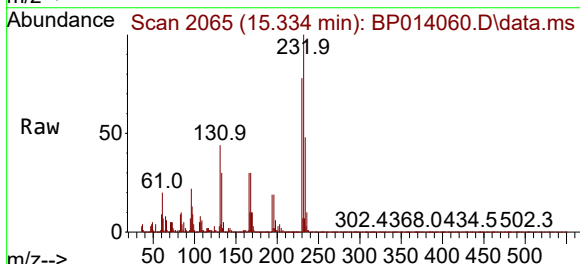
Instrument :
BNA_P
ClientSampleId :
SLCS314

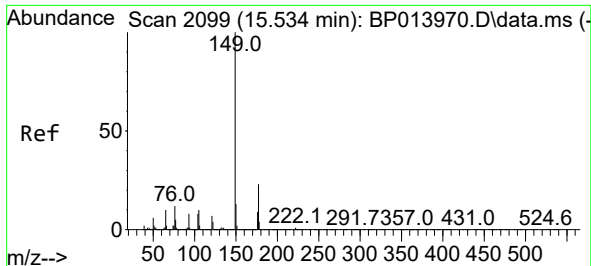
Tgt Ion:165 Resp: 398727
Ion Ratio Lower Upper
165 100
63 48.1 34.6 52.0
182 2.8 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.936 ng/ul
RT: 15.334 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:232 Resp: 367190
Ion Ratio Lower Upper
232 100
131 43.6 34.1 51.1
130 2.9 2.1 3.1
166 30.2 23.0 34.6





#59

Diethylphthalate

Concen: 33.276 ng/ul

RT: 15.528 min Scan# 2099

Delta R.T. 0.006 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

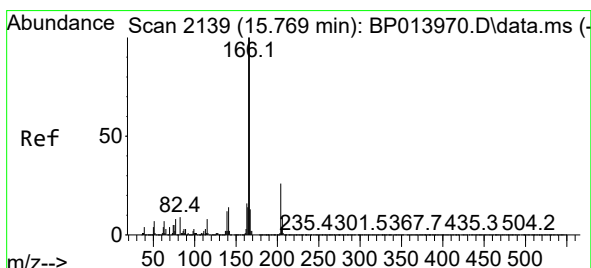
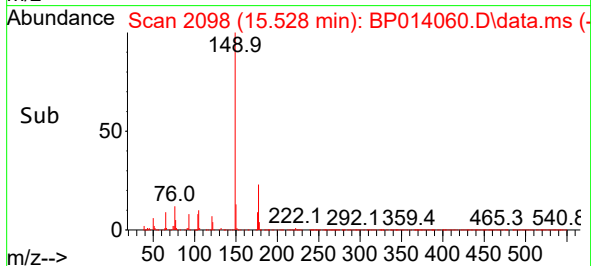
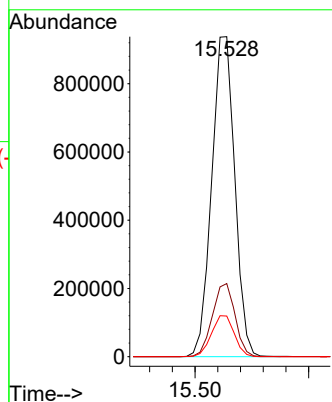
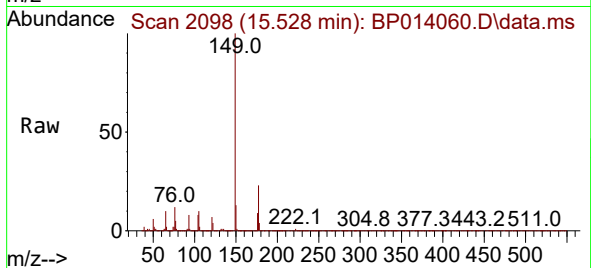
Tgt Ion:149 Resp: 1325248

Ion Ratio Lower Upper

149 100

177 22.9 18.2 27.2

150 12.7 10.0 15.0



#61

Fluorene

Concen: 32.953 ng/ul

RT: 15.763 min Scan# 2138

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

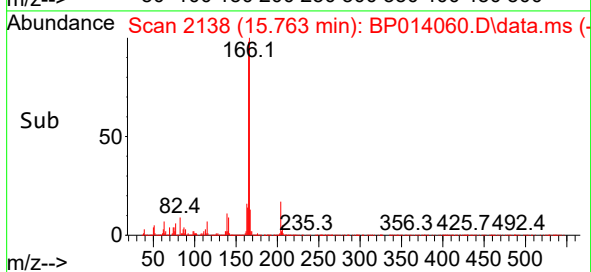
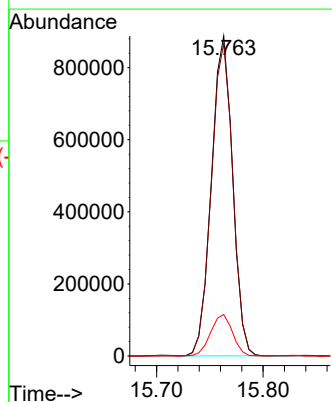
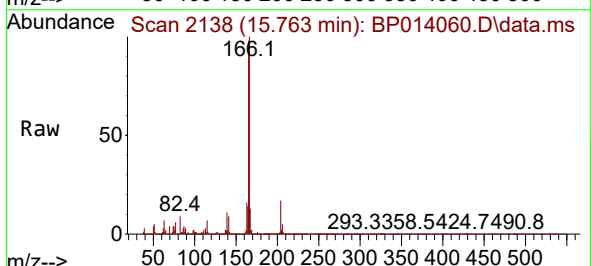
Tgt Ion:166 Resp: 1225170

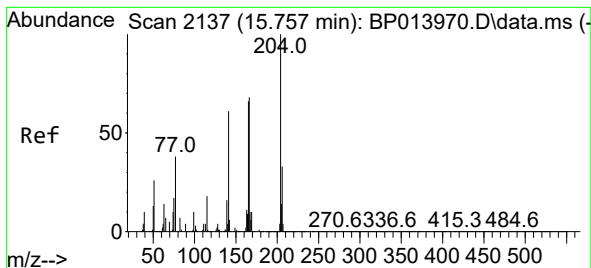
Ion Ratio Lower Upper

166 100

165 97.8 78.9 118.3

167 12.9 11.0 16.6

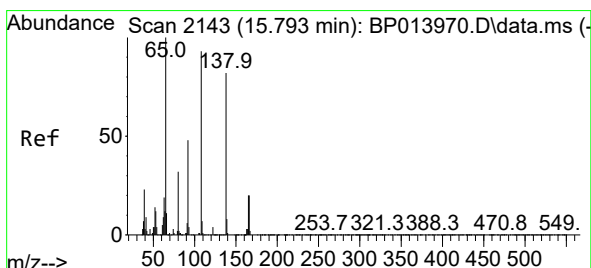
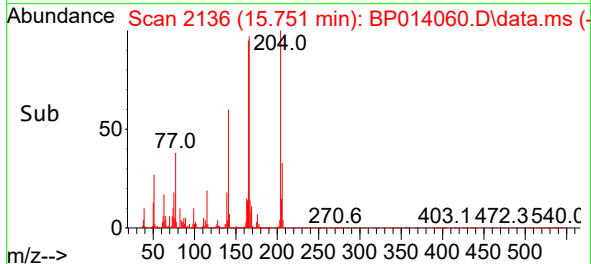
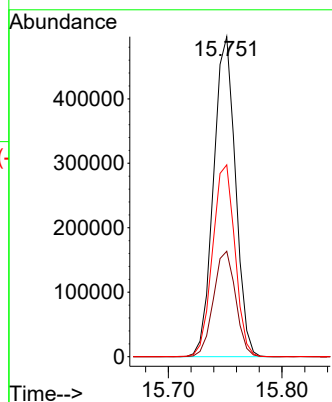
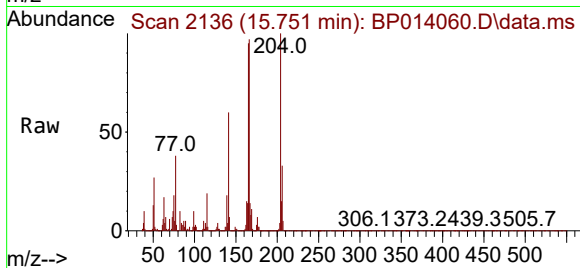




#62
4-Chlorophenyl-phenylether
Concen: 32.438 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

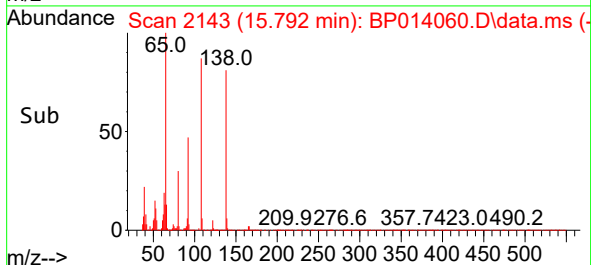
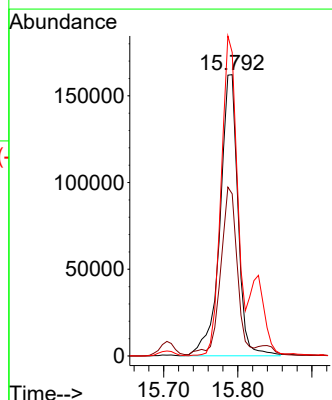
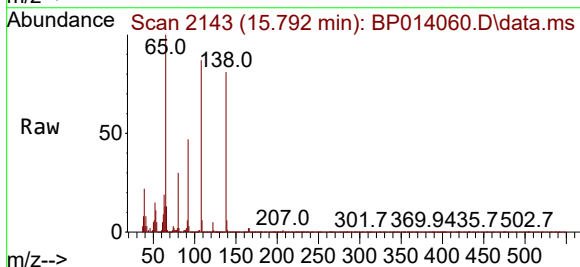
Instrument :
BNA_P
ClientSampleId :
SLCS314

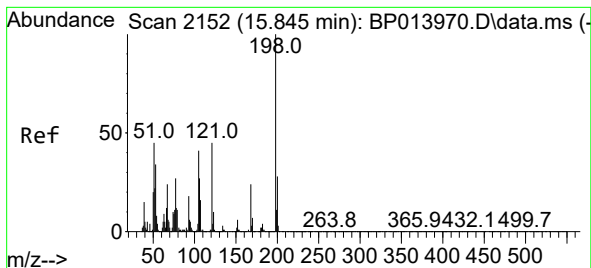
Tgt Ion:204 Resp: 665652
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 60.0 49.2 73.8



#63
4-Nitroaniline
Concen: 38.671 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:138 Resp: 273223
Ion Ratio Lower Upper
138 100
92 57.7 44.5 66.7
108 107.9 87.2 130.8

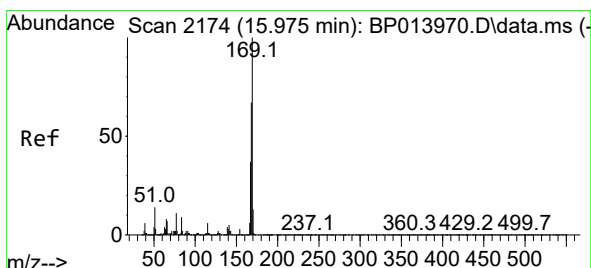
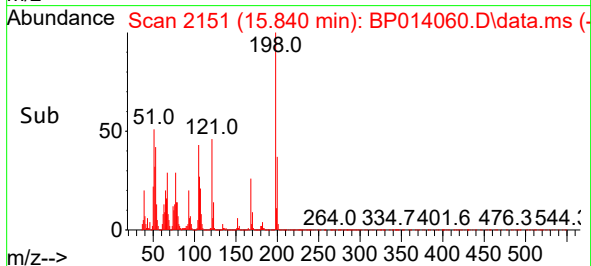
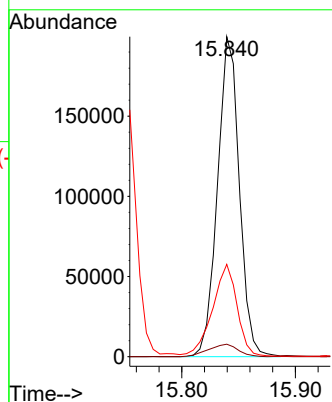
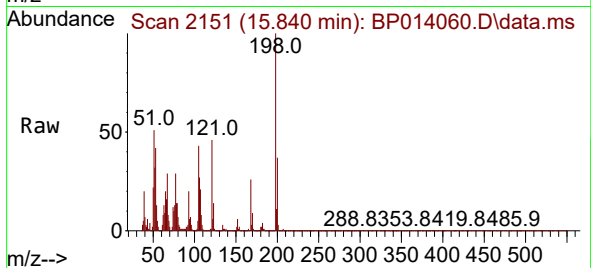




#66
4,6-Dinitro-2-methylphenol
Concen: 32.640 ng/ul
RT: 15.840 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

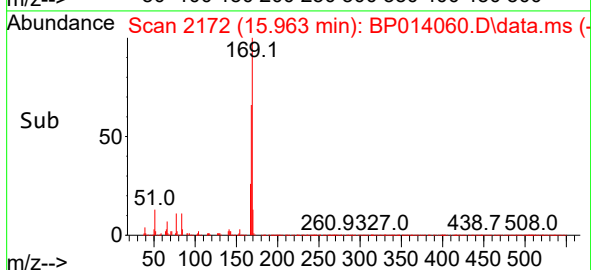
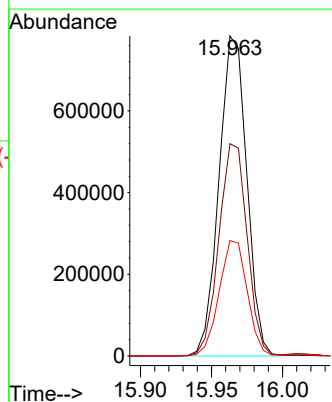
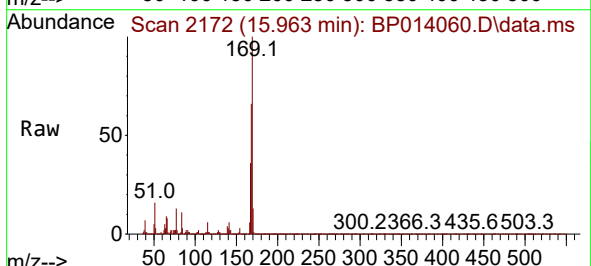
Instrument :
BNA_P
ClientSampleId :
SLCS314

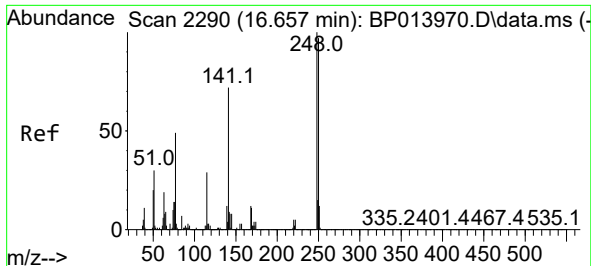
Tgt Ion:198 Resp: 266833
Ion Ratio Lower Upper
198 100
182 3.9 3.0 4.6
77 28.8 20.3 30.5



#67
N-Nitrosodiphenylamine
Concen: 33.330 ng/ul
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:169 Resp: 1067210
Ion Ratio Lower Upper
169 100
168 66.4 53.7 80.5
167 36.0 28.6 43.0

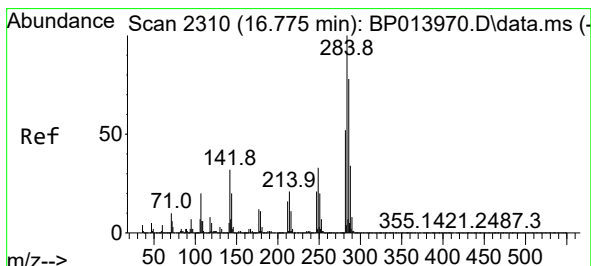
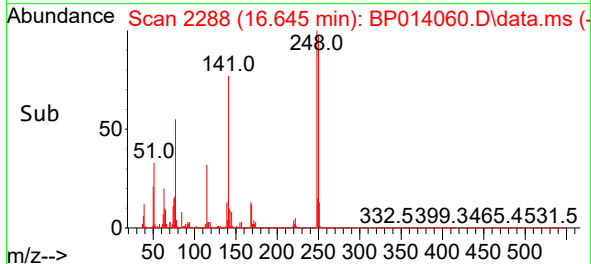
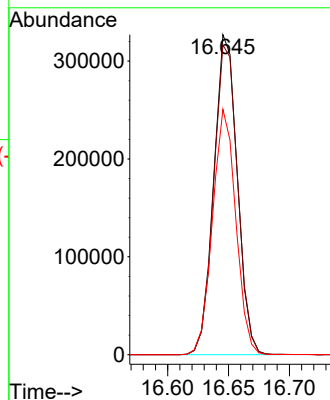
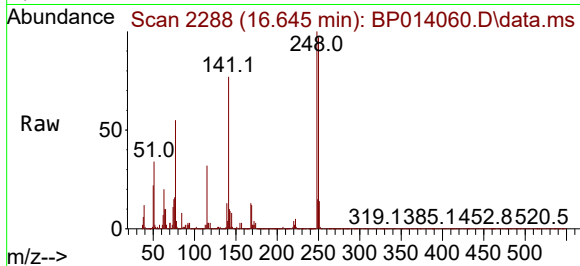




#68
4-Bromophenyl-phenylether
Concen: 32.072 ng/ul
RT: 16.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

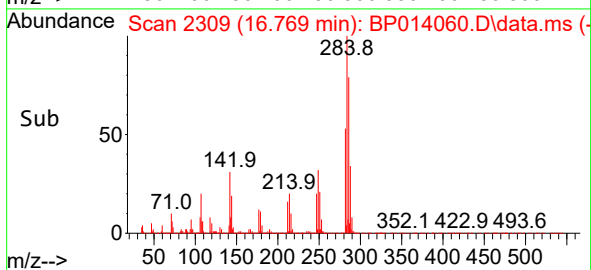
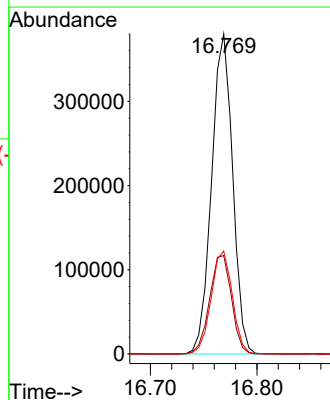
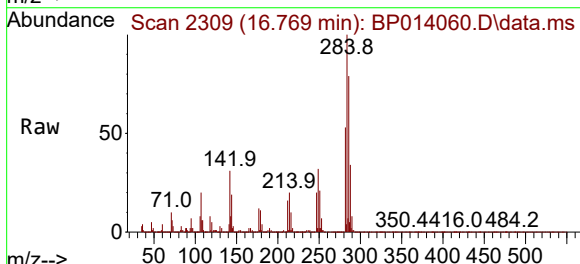
Instrument :
BNA_P
ClientSampleId :
SLCS314

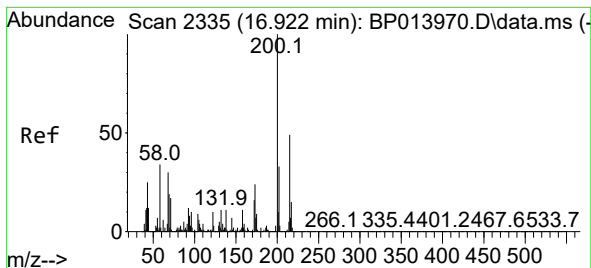
Tgt Ion:248 Resp: 439575
Ion Ratio Lower Upper
248 100
250 96.8 78.8 118.2
141 76.7 60.8 91.2



#69
Hexachlorobenzene
Concen: 32.217 ng/ul
RT: 16.769 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:284 Resp: 520328
Ion Ratio Lower Upper
284 100
142 30.7 23.2 34.8
249 32.1 25.7 38.5





#70

Atrazine

Concen: 29.375 ng/ul

RT: 16.916 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

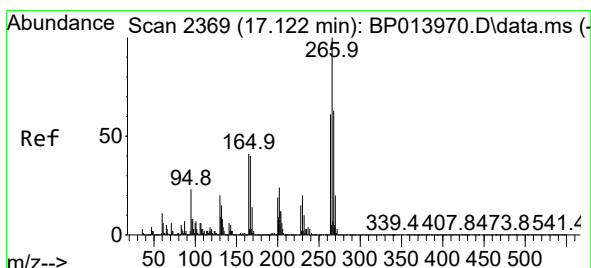
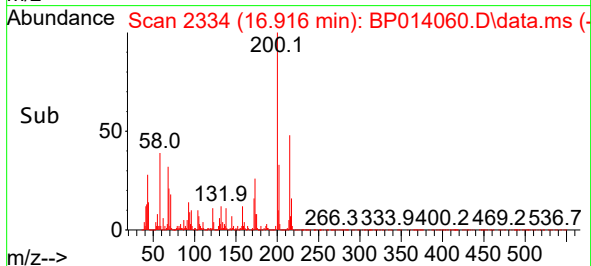
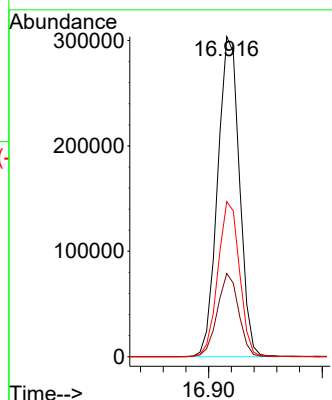
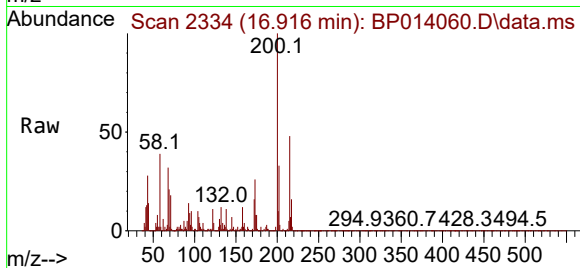
Tgt Ion:200 Resp: 405684

Ion Ratio Lower Upper

200 100

173 26.0 19.0 28.4

215 48.5 38.5 57.7



#71

Pentachlorophenol

Concen: 31.168 ng/ul

RT: 17.116 min Scan# 2368

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

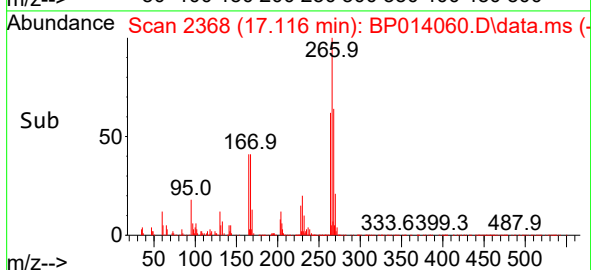
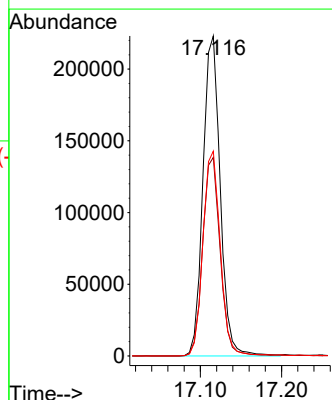
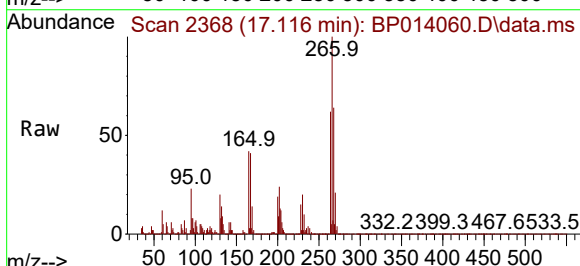
Tgt Ion:266 Resp: 329052

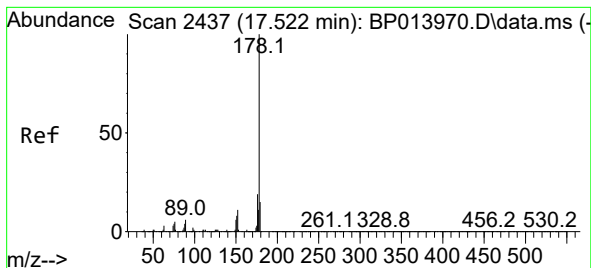
Ion Ratio Lower Upper

266 100

264 62.1 48.4 72.6

268 64.0 50.4 75.6





#72

Phenanthrene

Concen: 33.237 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

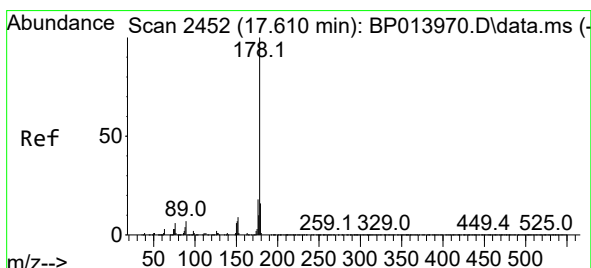
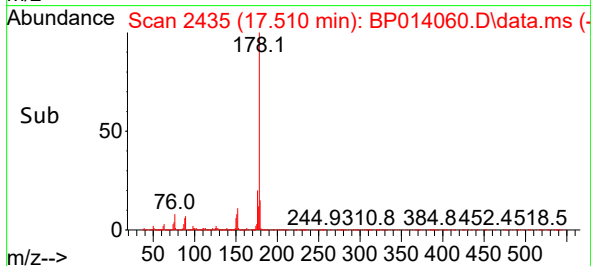
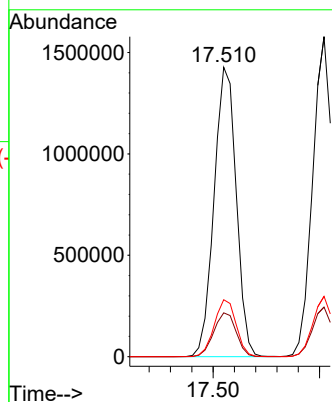
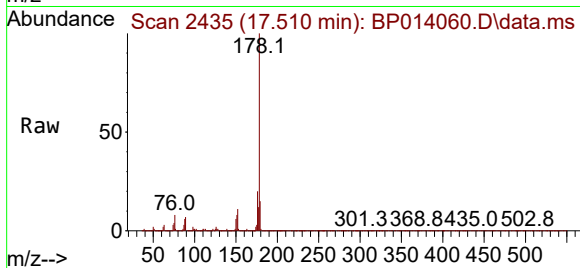
Tgt Ion:178 Resp: 2055293

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 19.7 15.4 23.0



#74

Anthracene

Concen: 33.402 ng/ul

RT: 17.604 min Scan# 2451

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

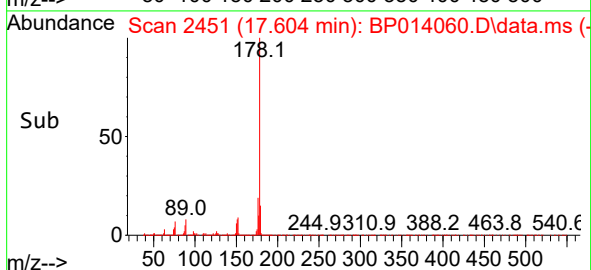
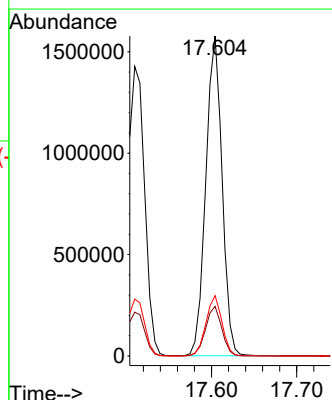
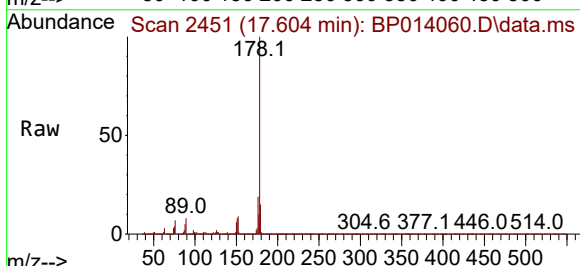
Tgt Ion:178 Resp: 2094250

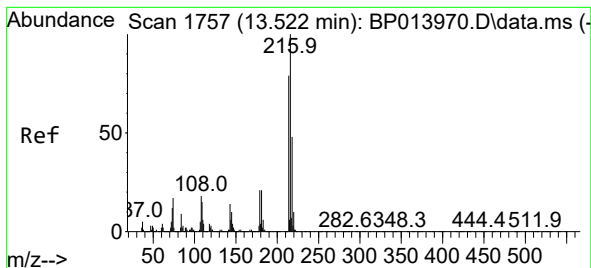
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.9 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.238 ng/uL

RT: 13.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

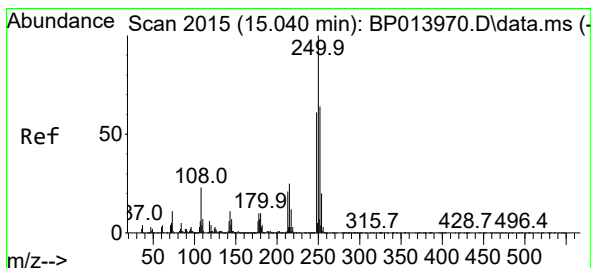
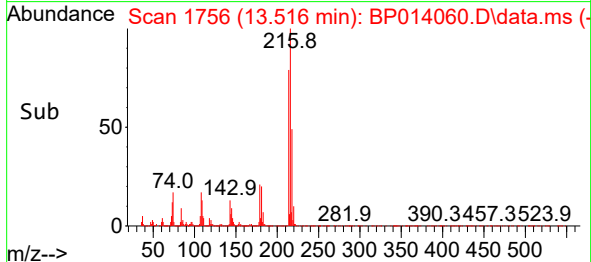
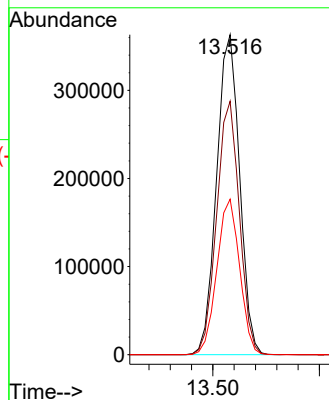
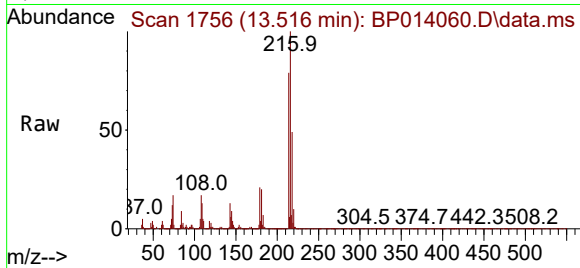
Tgt Ion:216 Resp: 543527

Ion Ratio Lower Upper

216 100

214 79.2 61.4 92.2

218 48.6 39.1 58.7



#76

Pentachlorobenzene

Concen: 30.716 ng/uL

RT: 15.028 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

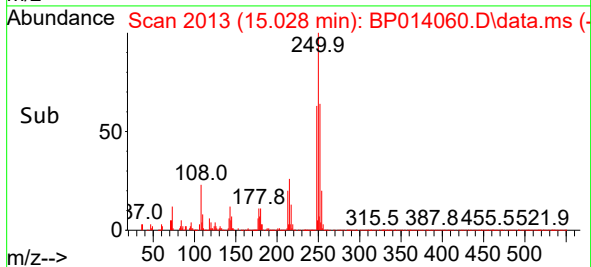
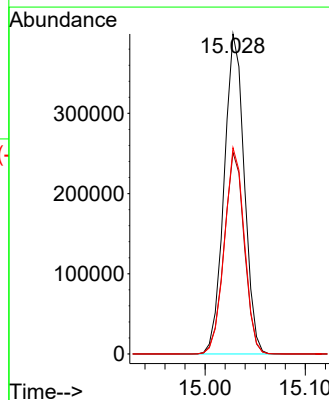
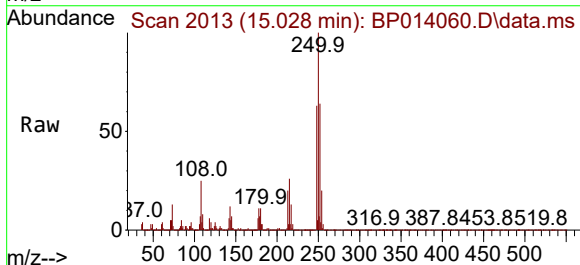
Tgt Ion:250 Resp: 555159

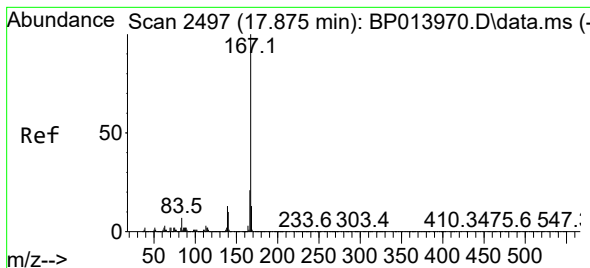
Ion Ratio Lower Upper

250 100

248 63.0 51.0 76.4

252 64.4 50.8 76.2





#77

Carbazole

Concen: 34.176 ng/ul

RT: 17.869 min Scan# 2496

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

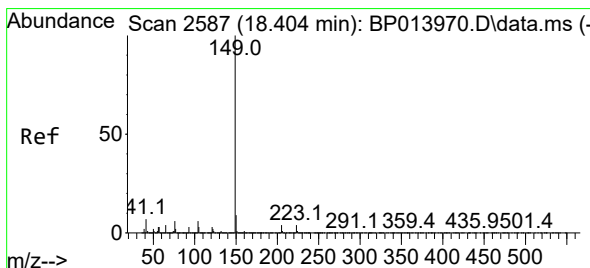
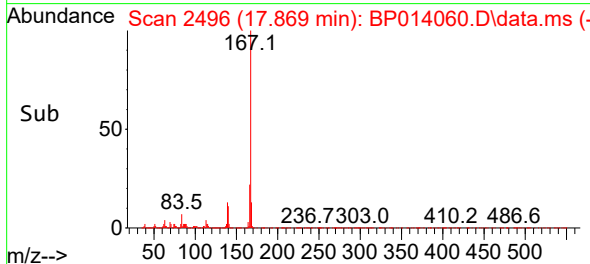
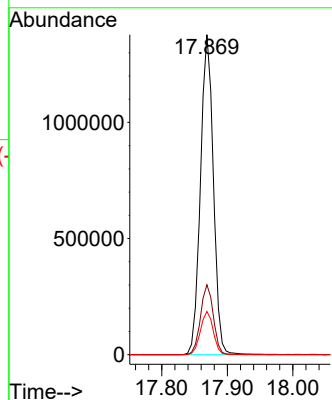
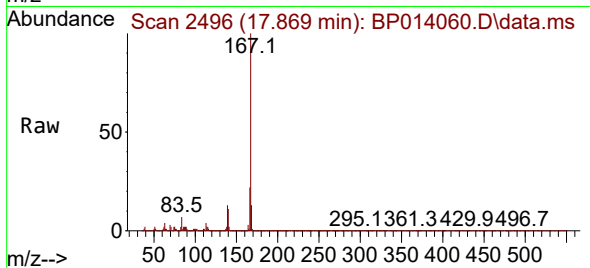
Tgt Ion:167 Resp: 1890076

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 13.5 10.5 15.7



#78

Di-n-butylphthalate

Concen: 33.802 ng/ul

RT: 18.398 min Scan# 2586

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

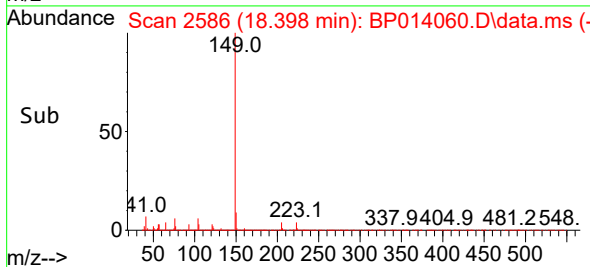
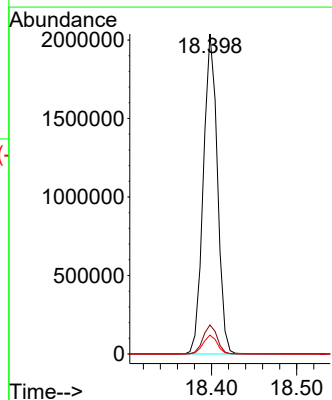
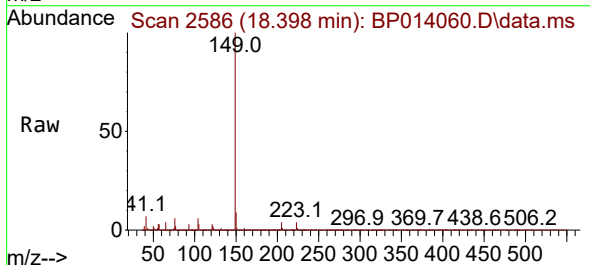
Tgt Ion:149 Resp: 2336319

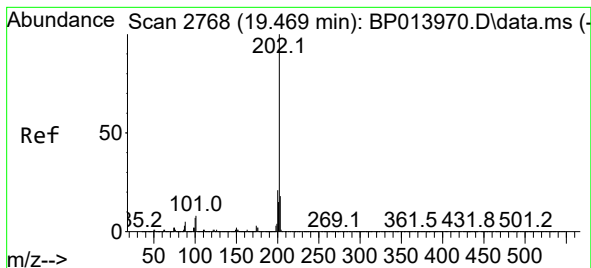
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.9 4.6 6.8





#80

Fluoranthene

Concen: 34.857 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

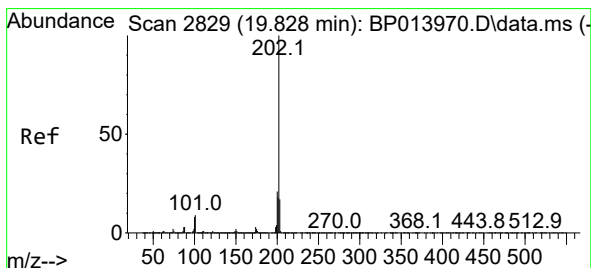
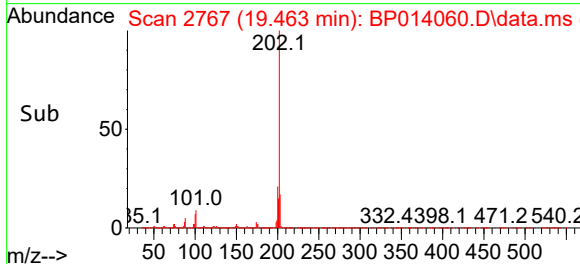
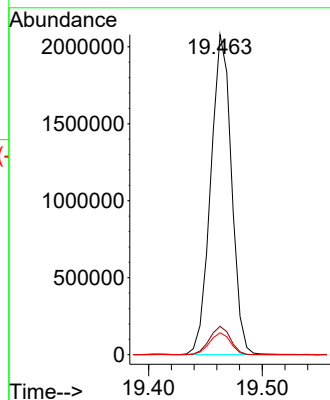
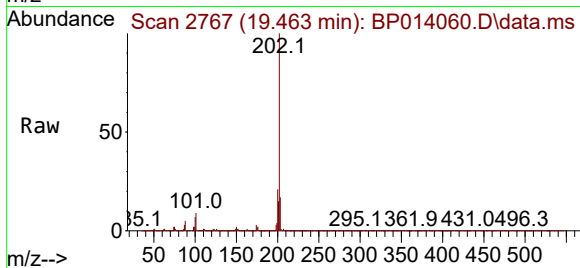
Tgt Ion:202 Resp: 2641655

Ion Ratio Lower Upper

202 100

101 8.8 6.6 10.0

100 6.9 5.0 7.4



#82

Pyrene

Concen: 34.528 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. 0.006 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

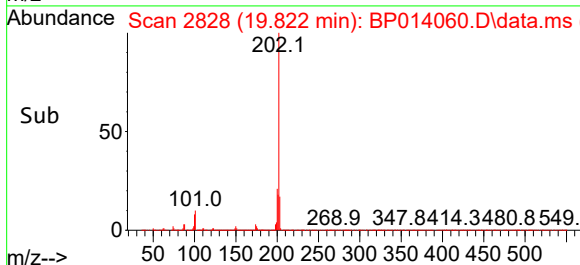
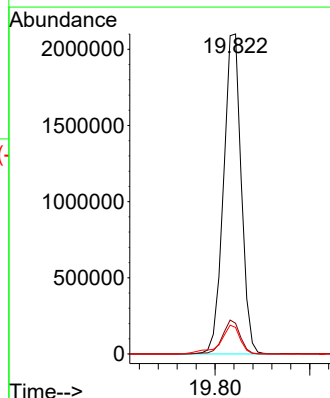
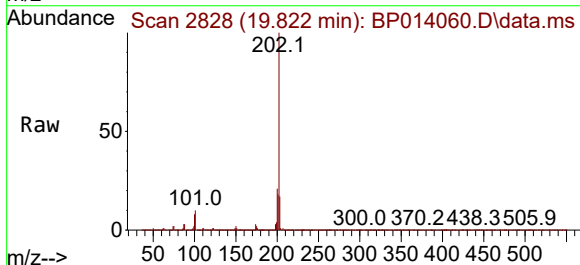
Tgt Ion:202 Resp: 2729662

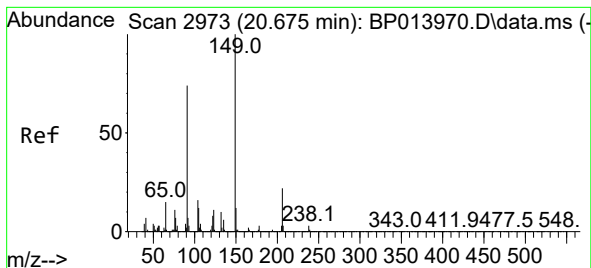
Ion Ratio Lower Upper

202 100

101 9.6 7.8 11.8

100 8.3 6.5 9.7





#83

Butylbenzylphthalate

Concen: 35.960 ng/ul

RT: 20.669 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

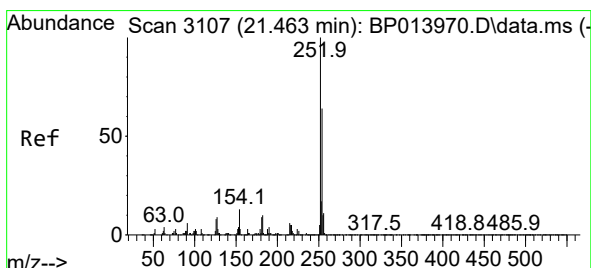
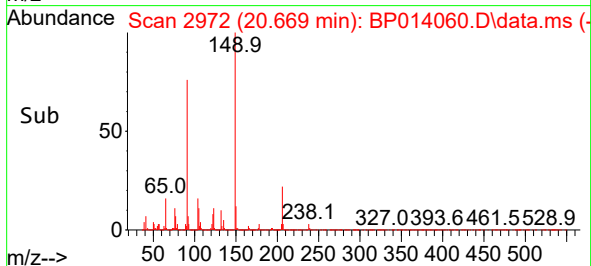
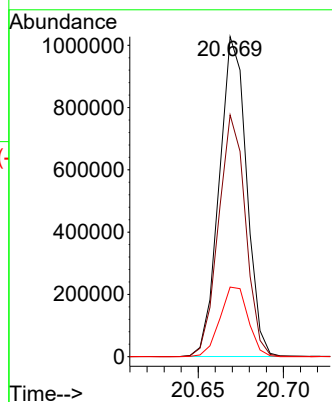
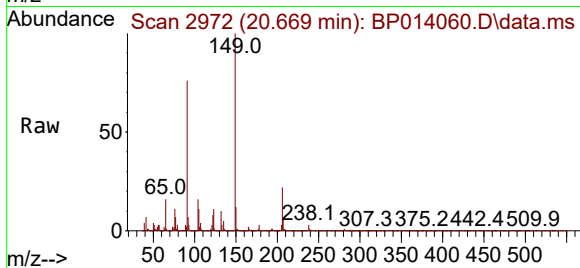
Tgt Ion:149 Resp: 1146288

Ion Ratio Lower Upper

149 100

91 75.6 57.9 86.9

206 21.7 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 31.421 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

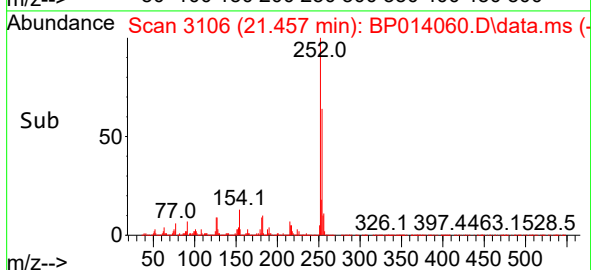
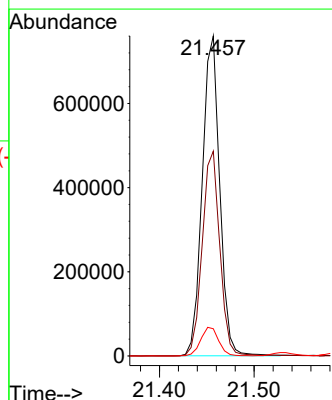
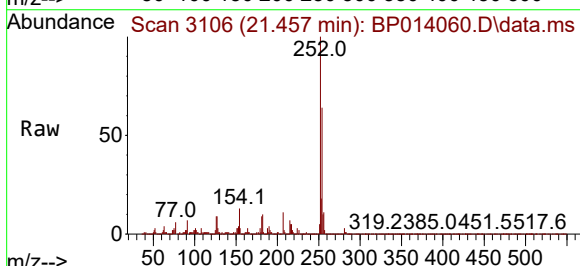
Tgt Ion:252 Resp: 969680

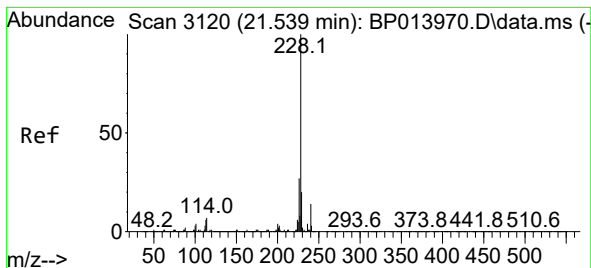
Ion Ratio Lower Upper

252 100

254 64.0 51.3 76.9

126 8.5 6.9 10.3





#85

Benzo(a)anthracene

Concen: 34.001 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

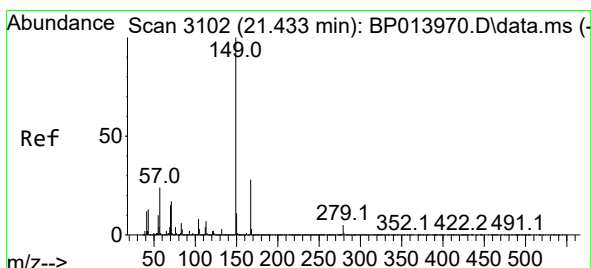
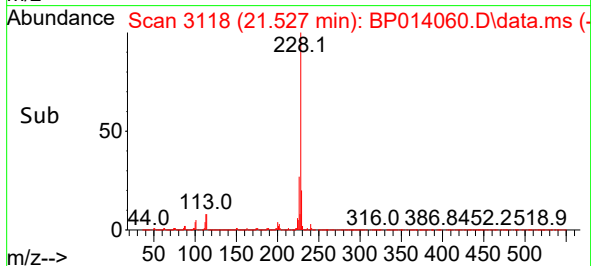
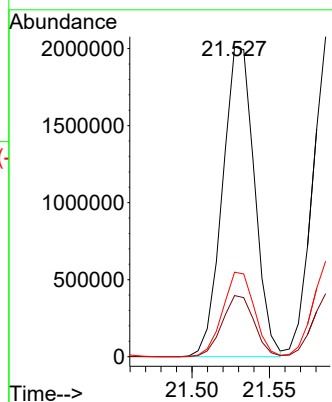
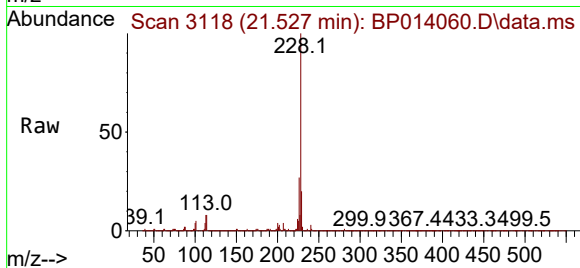
Tgt Ion:228 Resp: 2883023

Ion Ratio Lower Upper

228 100

229 19.7 15.5 23.3

226 27.3 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 35.697 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

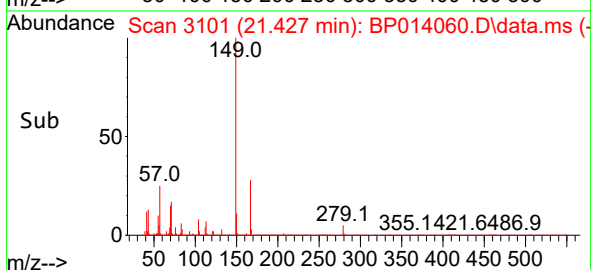
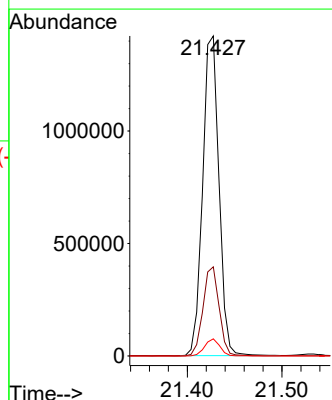
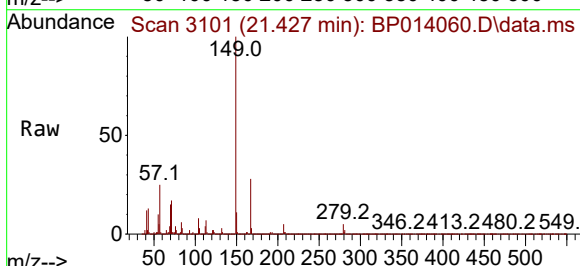
Tgt Ion:149 Resp: 1701260

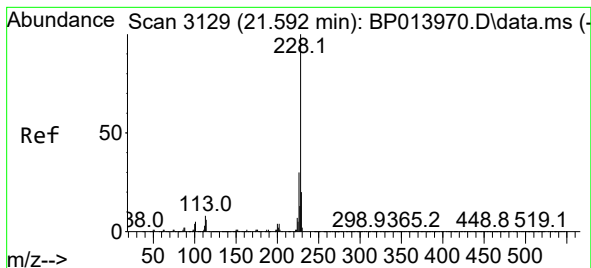
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 5.4 4.3 6.5





#87

Chrysene

Concen: 33.512 ng/ul

RT: 21.586 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

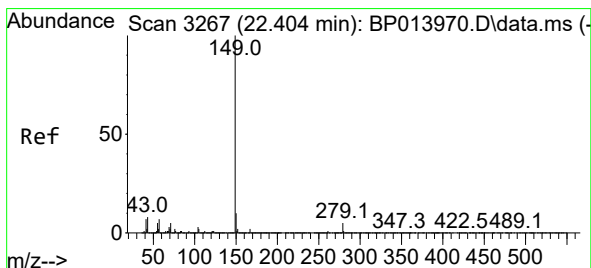
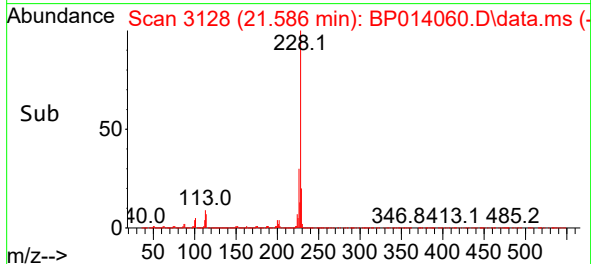
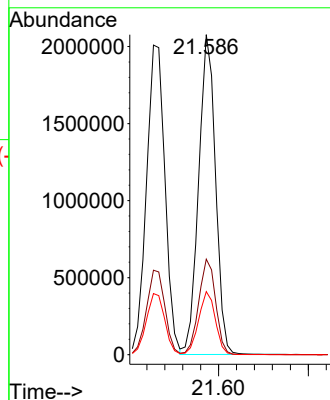
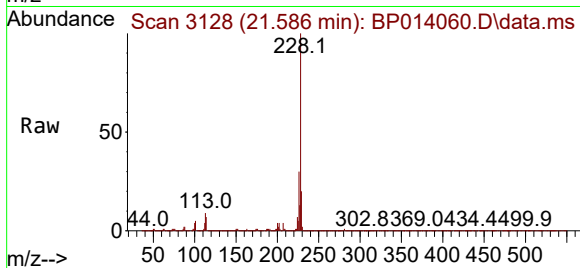
Tgt Ion:228 Resp: 2708094

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.7 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 39.257 ng/ul

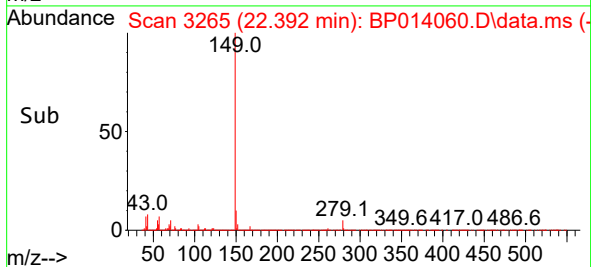
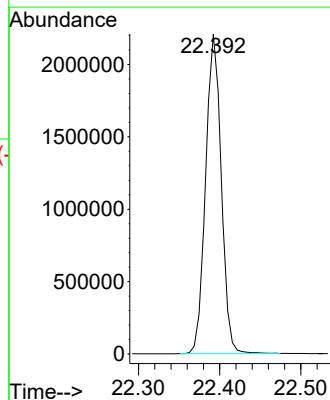
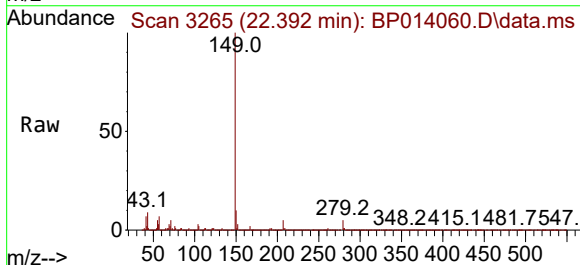
RT: 22.392 min Scan# 3265

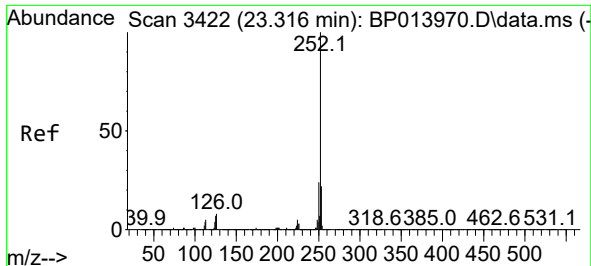
Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Tgt Ion:149 Resp: 2951734

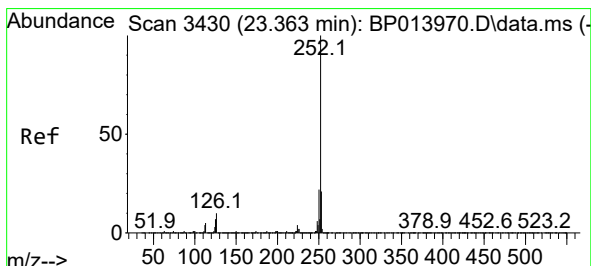
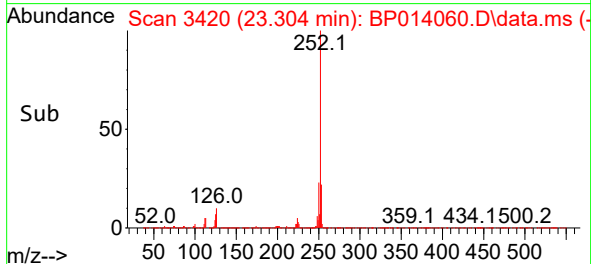
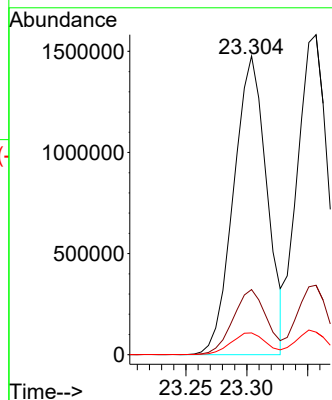
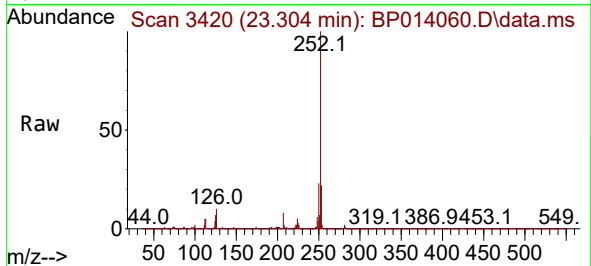




#90
Benzo(b)fluoranthene
Concen: 35.292 ng/ul
RT: 23.304 min Scan# 3420
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

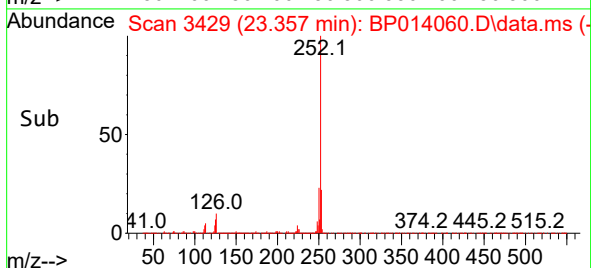
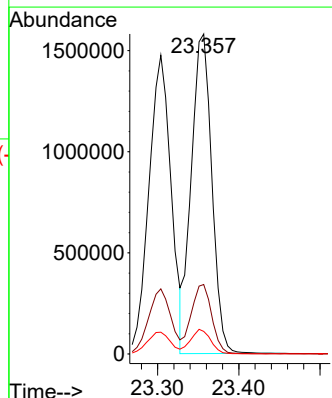
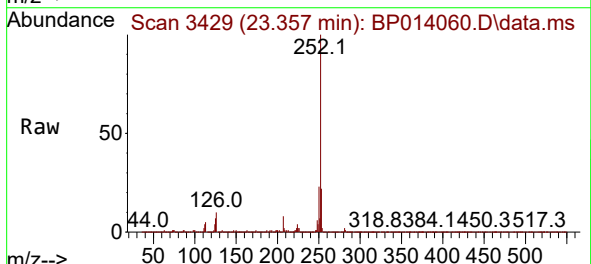
Instrument :
BNA_P
ClientSampleId :
SLCS314

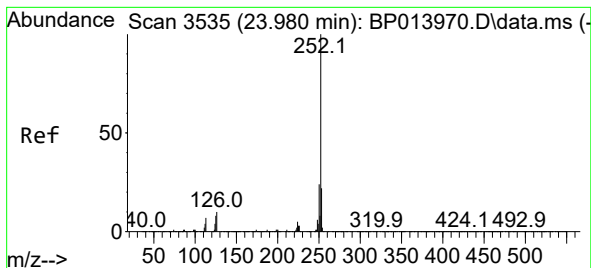
Tgt Ion:252 Resp: 2802242
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 7.3 5.4 8.2



#91
Benzo(k)fluoranthene
Concen: 36.751 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.000 min
Lab File: BP014060.D
Acq: 11 Mar 2023 09:13

Tgt Ion:252 Resp: 2782585
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 7.1 5.5 8.3





#93

Benzo(a)pyrene

Concen: 34.395 ng/ul

RT: 23.974 min Scan# 3534

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

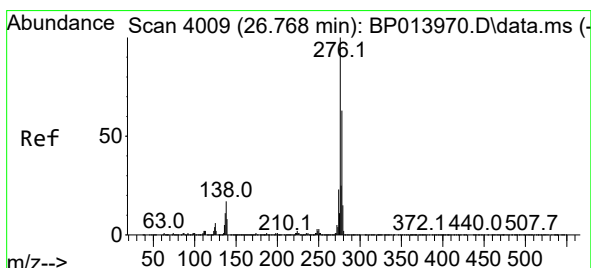
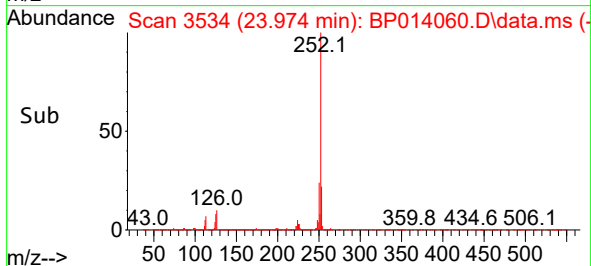
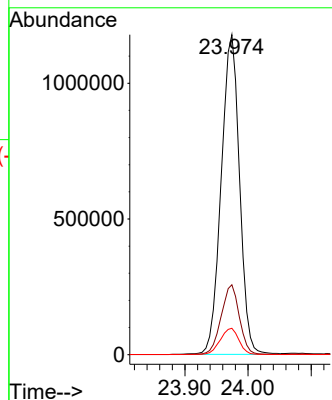
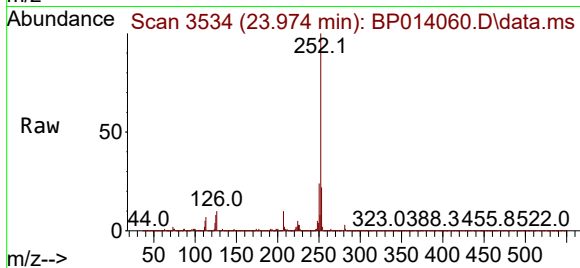
Tgt Ion:252 Resp: 2375444

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.2 6.2 9.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.400 ng/ul

RT: 26.751 min Scan# 4006

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

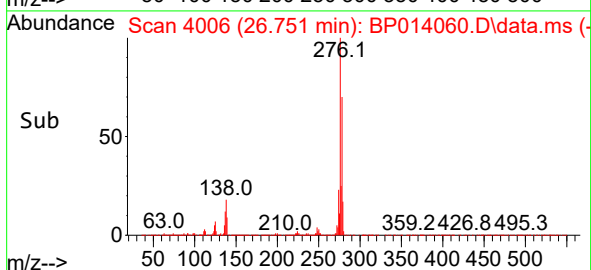
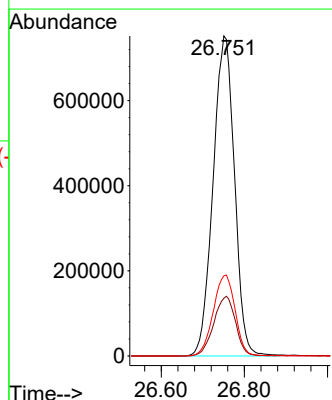
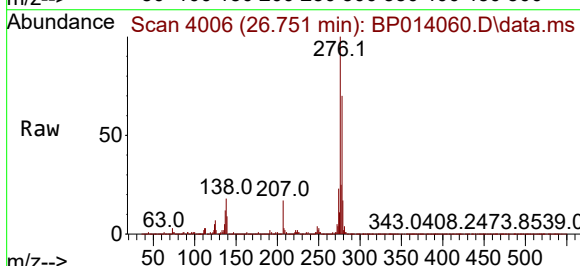
Tgt Ion:276 Resp: 2687880

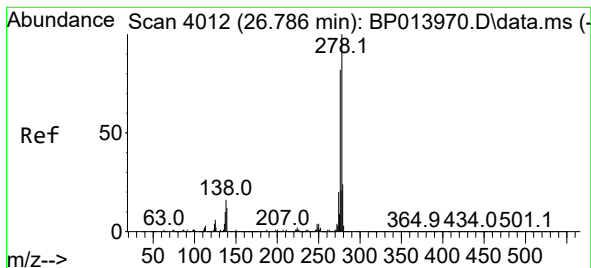
Ion Ratio Lower Upper

276 100

138 18.1 13.1 19.7

277 25.1 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 29.824 ng/ul

RT: 26.768 min Scan# 4012

Delta R.T. 0.000 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Instrument :

BNA_P

ClientSampleId :

SLCS314

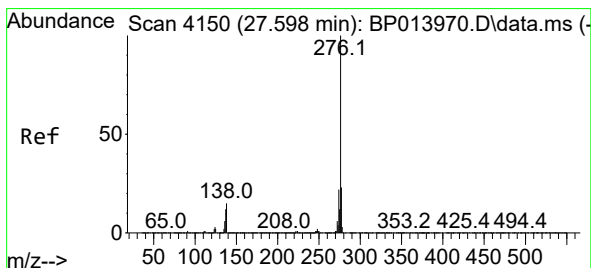
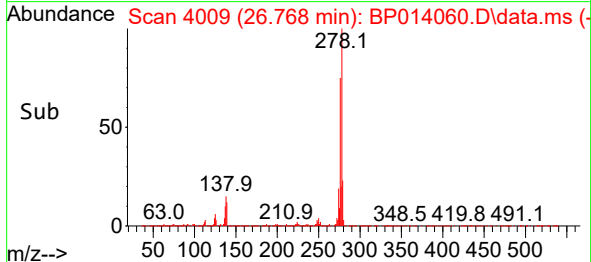
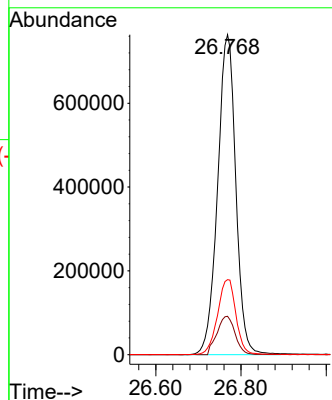
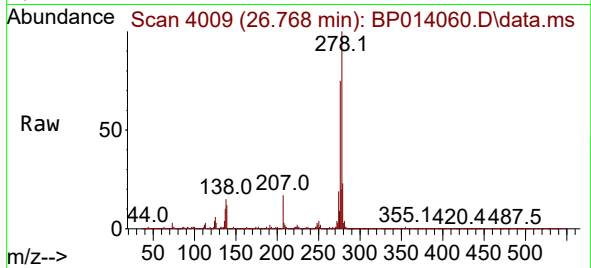
Tgt Ion:278 Resp: 2266230

Ion Ratio Lower Upper

278 100

139 12.0 8.7 13.1

279 23.4 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 29.064 ng/ul

RT: 27.580 min Scan# 4147

Delta R.T. 0.006 min

Lab File: BP014060.D

Acq: 11 Mar 2023 09:13

Tgt Ion:276 Resp: 2123880

Ion Ratio Lower Upper

276 100

138 15.7 11.9 17.9

277 23.7 18.7 28.1

