

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019073.D
 Acq On : 23 Dec 2023 11:17
 Operator : MA/JU
 Sample : PB157993BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS993

Quant Time: Dec 24 23:59:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	184639	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	710544	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	453953	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1068183	20.000	ng/u1	-0.01
79) Chrysene-d12	21.292	240	1121926	20.000	ng/u1	0.00
88) Perylene-d12	23.651	264	1312370	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	24010	4.431	ng/uL	0.00
4) Pyridine-d5	3.670	84	327994	22.600	ng/u1	0.00
7) Phenol-d5	6.993	99	415672	22.433	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	231885	21.115	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.346	132	326117	22.556	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	326317	21.761	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	154891	24.492	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.699	143	174999	26.691	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	350545	26.147	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.752	131	416570	23.775	ng/u1	-0.01
46) Dimethylphthalate-d6	13.869	166	1008039	24.880	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	1136086	25.465	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.669	143	195548	29.403	ng/u1	0.00
60) Fluorene-d10	15.445	176	885908	26.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	193116	30.152	ng/u1	0.00
73) Anthracene-d10	17.298	188	1454126	25.894	ng/u1	0.00
81) Pyrene-d10	19.539	212	1850067	21.184	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.498	264	2010945	26.280	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	55492	9.339	ng/uL	95
5) Pyridine	3.687	79	341656	23.312	ng/u1	95
6) Benzaldehyde	6.958	77	213345	22.301	ng/u1	96
8) Phenol	7.022	94	467472	25.726	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.246	93	362419	24.286	ng/u1	100
12) 2-Chlorophenol	7.381	128	372636	25.466	ng/u1	96
13) 2-Methylphenol	8.269	108	343046	24.660	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.340	45	418870	22.121	ng/u1	99
16) Acetophenone	8.640	105	543137	24.304	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.628	70	256891	20.895	ng/u1	98
18) 4-Methylphenol	8.599	108	374089	24.627	ng/u1	99
19) Hexachloroethane	8.887	117	152001	25.338	ng/u1	87
22) Nitrobenzene	9.022	77	408965	26.598	ng/u1	97
23) Isophorone	9.546	82	751068	23.958	ng/u1	98
25) 2-Nitrophenol	9.728	139	207252	29.522	ng/u1	98
26) 2,4-Dimethylphenol	9.793	107	355634	25.902	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.034	93	479940	24.249	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	372299	28.830	ng/u1	97
30) Naphthalene	10.657	128	1141380	26.480	ng/u1	100
32) 4-Chloroaniline	10.775	127	358392	21.461	ng/u1	99
33) Hexachlorobutadiene	10.940	225	272031	31.454	ng/u1	97
34) Caprolactam	11.569	113	118548	29.938	ng/u1	92
35) 4-Chloro-3-methylphenol	11.910	107	384767	26.597	ng/u1	100
36) 2-Methylnaphthalene	12.269	142	788988	25.837	ng/u1	100

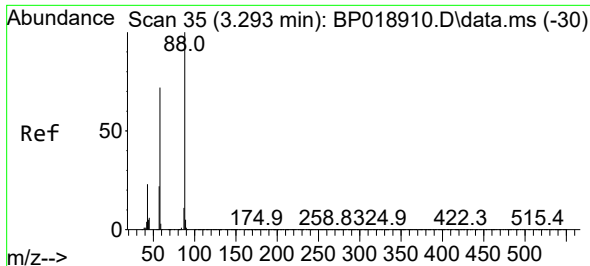
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	782122	25.362	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.640	216	503783	30.588	ng/ul	97
40) Hexachlorocyclopentadiene	12.616	237	270251	27.683	ng/ul	99
41) 2,4,6-Trichlorophenol	12.887	196	312578	29.502	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	345907	30.114	ng/ul	99
43) 1,1'-Biphenyl	13.287	154	1076868	27.429	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	872129	28.126	ng/ul	98
45) 2-Nitroaniline	13.540	65	237016	28.196	ng/ul	95
47) Dimethylphthalate	13.916	163	1124459	28.195	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	234595	31.134	ng/ul	92
50) Acenaphthylene	14.169	152	1405903	28.029	ng/ul	100
51) 3-Nitroaniline	14.363	138	228477	30.376	ng/ul	98
52) Acenaphthene	14.510	153	932484	28.117	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	139436	34.917	ng/ul	94
55) 4-Nitrophenol	14.681	109	173428	34.516	ng/ul	90
56) Dibenzofuran	14.851	168	1322216	28.685	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	351036	33.120	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.081	232	300314	31.169	ng/ul	91
59) Diethylphthalate	15.281	149	1116682	28.614	ng/ul	99
61) Fluorene	15.498	166	1083326	29.702	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	585719	30.620	ng/ul	95
63) 4-Nitroaniline	15.528	138	251417	35.087	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.587	198	226841	33.127	ng/ul	92
67) N-Nitrosodiphenylamine	15.716	169	937254	26.479	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	394713	29.270	ng/ul	93
69) Hexachlorobenzene	16.498	284	468248	31.100	ng/ul	97
70) Atrazine	16.669	200	201254	19.124	ng/ul	98
71) Pentachlorophenol	16.851	266	269460	30.092	ng/ul	99
72) Phenanthrene	17.245	178	1840782	28.533	ng/ul	100
74) Anthracene	17.334	178	1883276	29.123	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.246	216	512087	27.726	ng/ul	98
76) Pentachlorobenzene	14.769	250	528675	29.140	ng/ul	99
77) Carbazole	17.610	167	1724603	33.462	ng/ul	99
78) Di-n-butylphthalate	18.163	149	2018410	29.412	ng/ul	100
80) Fluoranthene	19.216	202	2394461	23.195	ng/ul	95
82) Pyrene	19.569	202	2481793	23.831	ng/ul#	94
83) Butylbenzylphthalate	20.445	149	959486	25.167	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	903836	33.151	ng/ul	99
85) Benzo(a)anthracene	21.280	228	2662887	29.242	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	1401565	26.747	ng/ul	100
87) Chrysene	21.333	228	2454439	29.268	ng/ul	100
89) Di-n-octyl phthalate	22.116	149	2463406	25.709	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	2756293	28.485	ng/ul	98
91) Benzo(k)fluoranthene	22.980	252	2670529	28.524	ng/ul	98
93) Benzo(a)pyrene	23.545	252	2571951	29.090	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.098	276	3273496	30.988	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.115	278	2708569	30.823	ng/ul	97
96) Benzo(g,h,i)perylene	26.857	276	2628925	30.923	ng/ul#	94

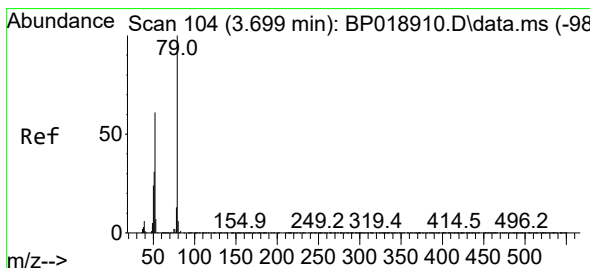
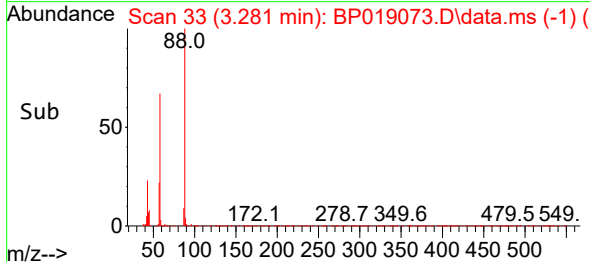
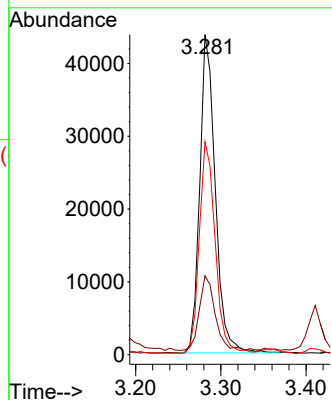
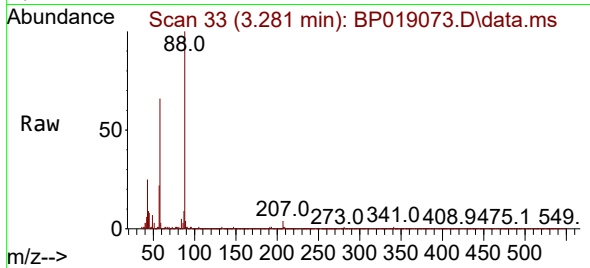
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#2
1,4-Dioxane
Concen: 9.339 ng/uL
RT: 3.281 min Scan# 31
Delta R.T. -0.006 min
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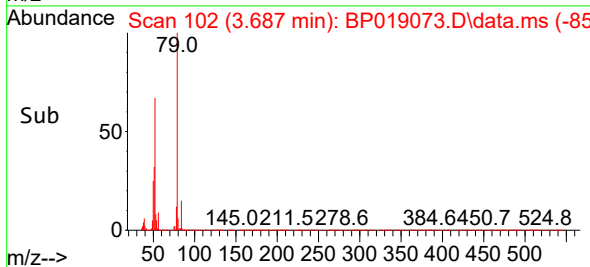
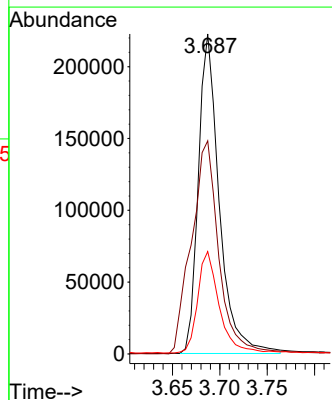
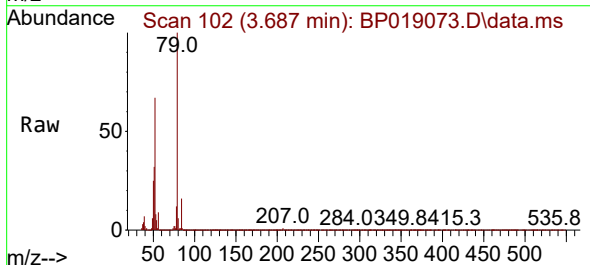
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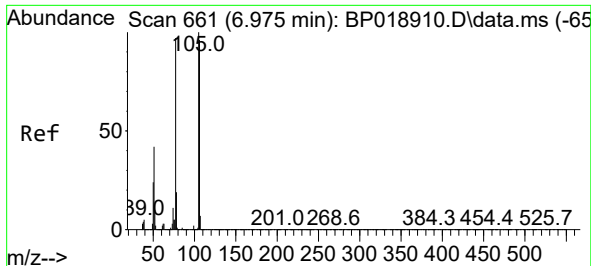
Tgt Ion: 88 Resp: 55492
Ion Ratio Lower Upper
88 100
43 24.7 21.8 32.6
58 66.5 56.5 84.7



#5
Pyridine
Concen: 23.312 ng/uL
RT: 3.687 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion: 79 Resp: 341656
Ion Ratio Lower Upper
79 100
52 66.6 57.4 86.0
51 32.0 26.2 39.4

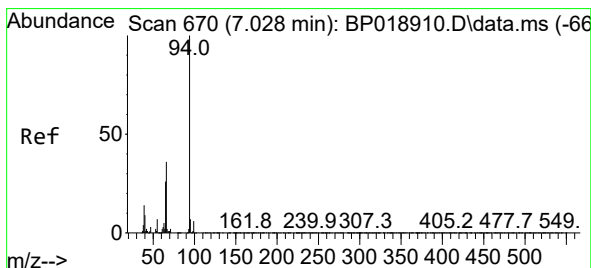
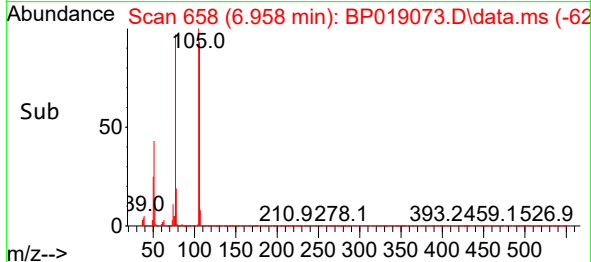
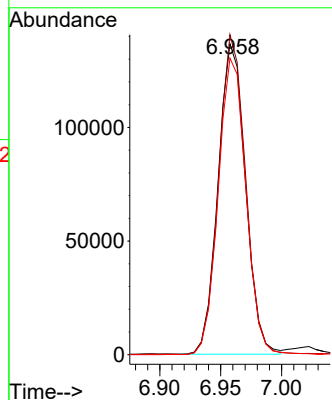
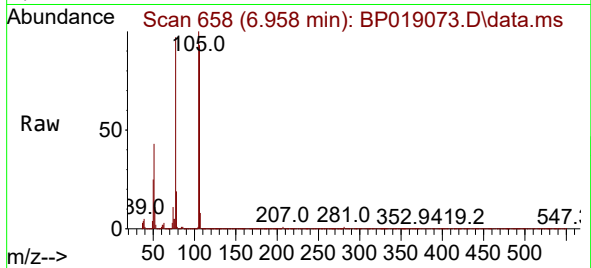




#6
Benzaldehyde
Concen: 22.301 ng/ul
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

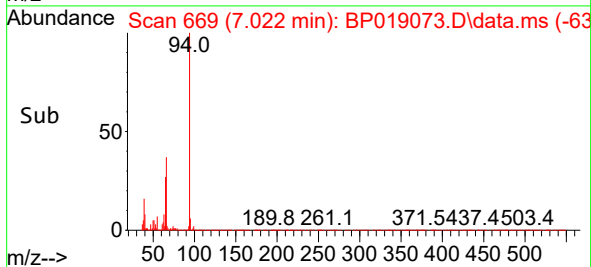
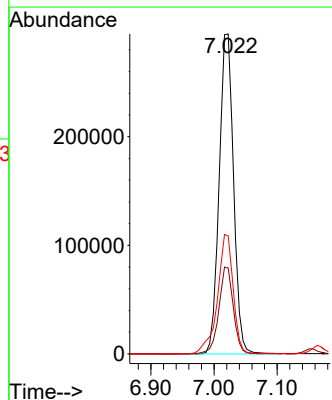
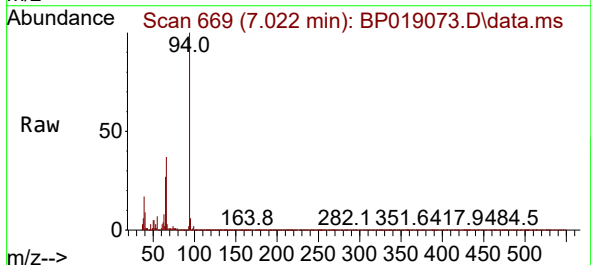
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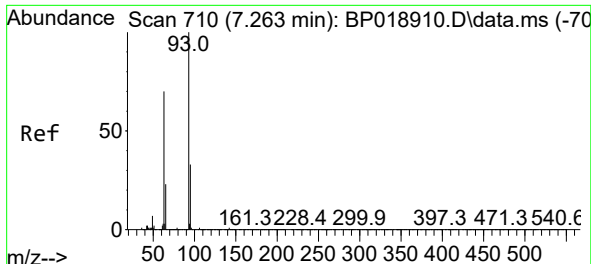
Tgt Ion: 77 Resp: 213345
Ion Ratio Lower Upper
77 100
105 102.9 77.9 116.9
106 95.4 74.6 111.8



#8
Phenol
Concen: 25.726 ng/ul
RT: 7.022 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion: 94 Resp: 467472
Ion Ratio Lower Upper
94 100
65 26.9 21.0 31.6
66 36.9 28.6 43.0

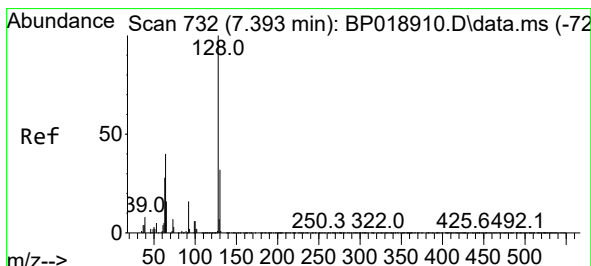
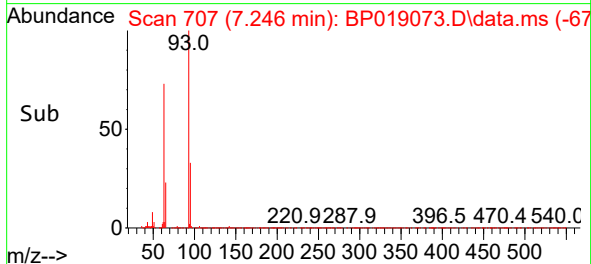
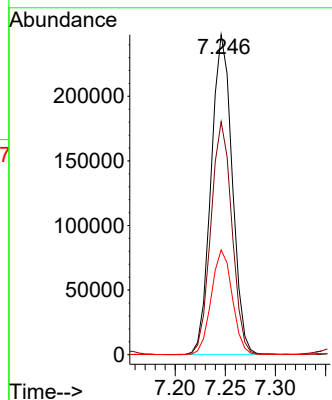
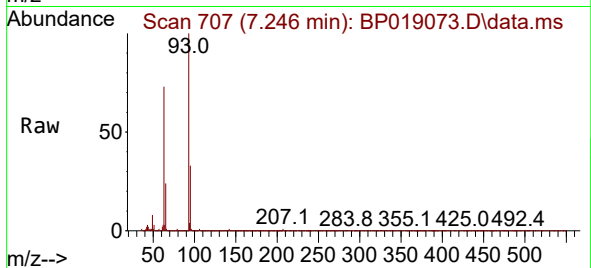




#10
Bis(2-Chloroethyl)ether
Concen: 24.286 ng/ul
RT: 7.246 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

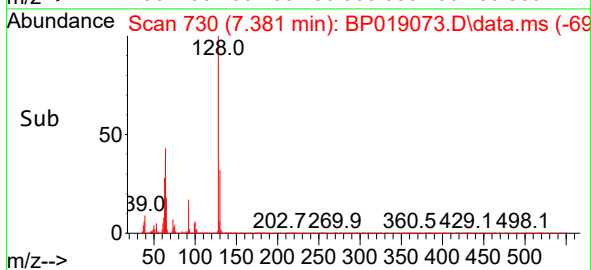
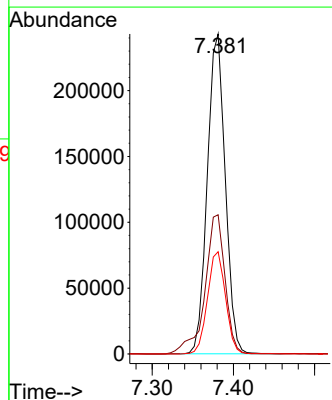
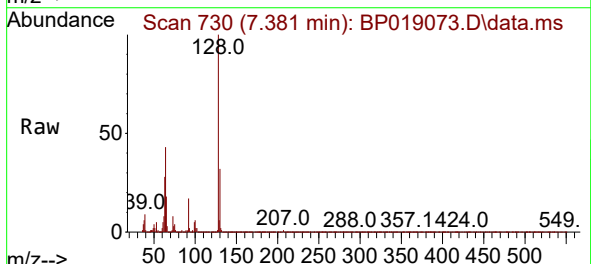
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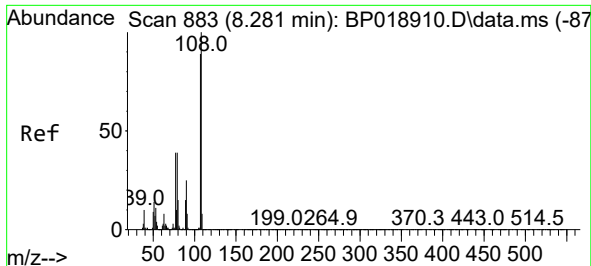
Tgt Ion: 93 Resp: 362419
Ion Ratio Lower Upper
93 100
63 72.8 58.3 87.5
95 32.7 25.9 38.9



#12
2-Chlorophenol
Concen: 25.466 ng/ul
RT: 7.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:128 Resp: 372636
Ion Ratio Lower Upper
128 100
64 43.5 37.0 55.4
130 32.0 26.8 40.2

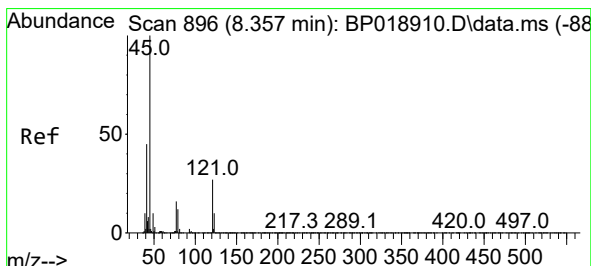
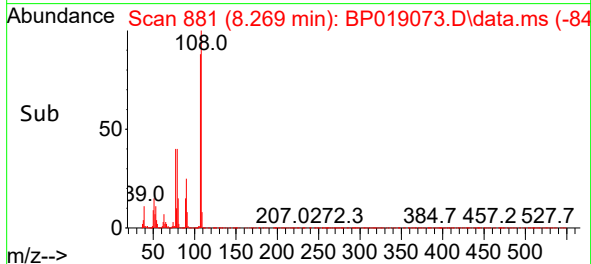
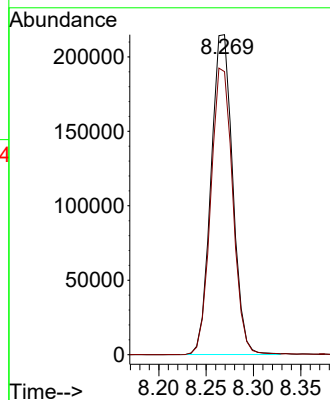
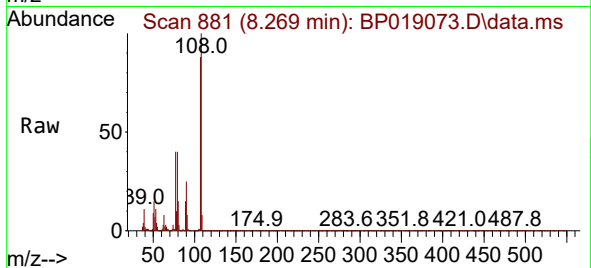




#13
2-Methylphenol
Concen: 24.660 ng/ul
RT: 8.269 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

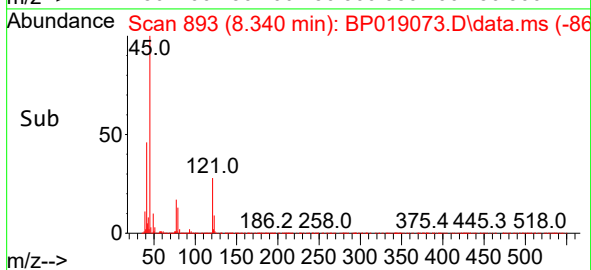
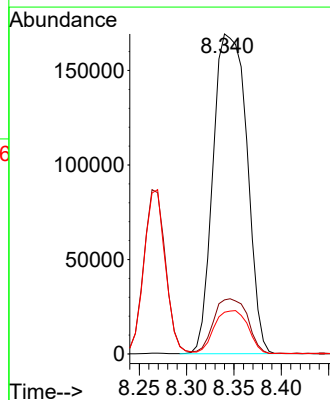
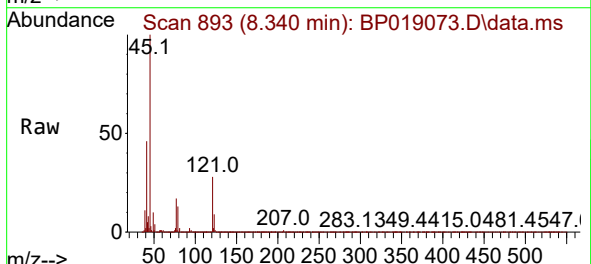
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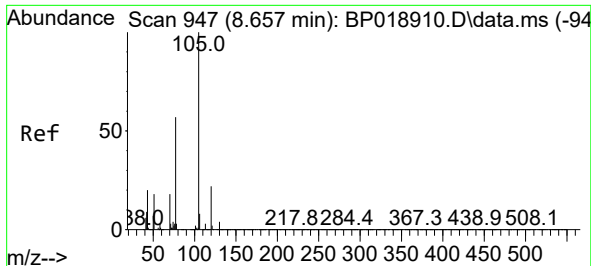
Tgt Ion:108 Resp: 343046
Ion Ratio Lower Upper
108 100
107 88.5 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.121 ng/ul
RT: 8.340 min Scan# 893
Delta R.T. -0.012 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion: 45 Resp: 418870
Ion Ratio Lower Upper
45 100
77 16.9 12.7 19.1
79 13.0 10.5 15.7

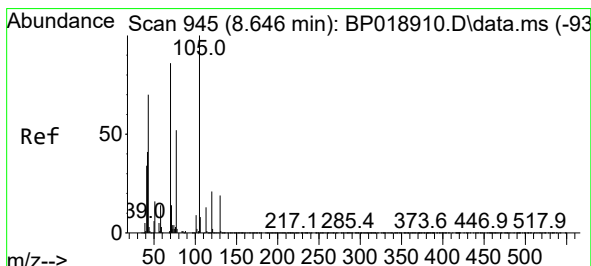
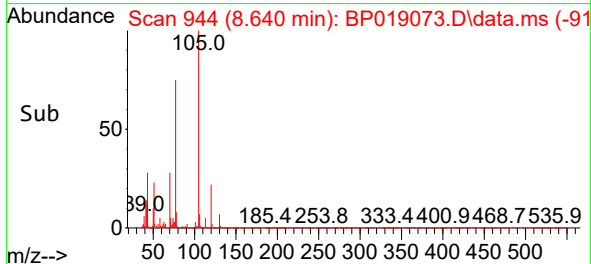
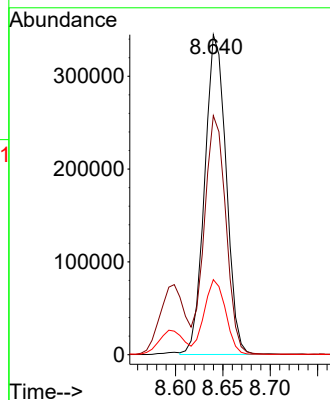
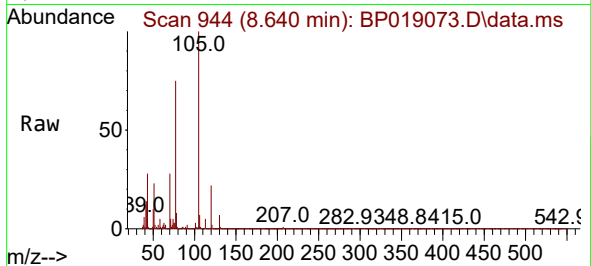




#16
Acetophenone
Concen: 24.304 ng/ul
RT: 8.640 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP019073.D
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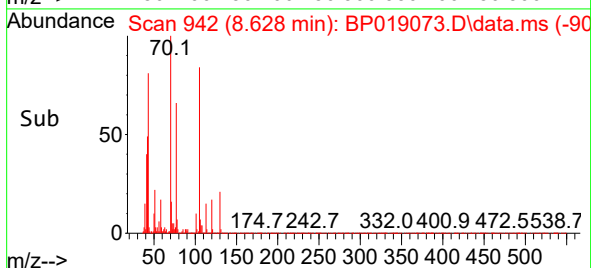
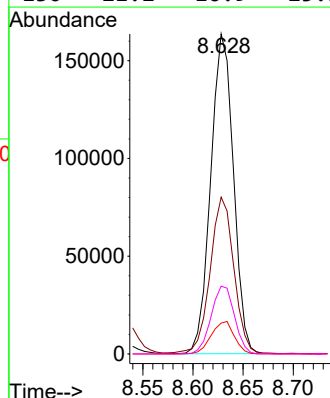
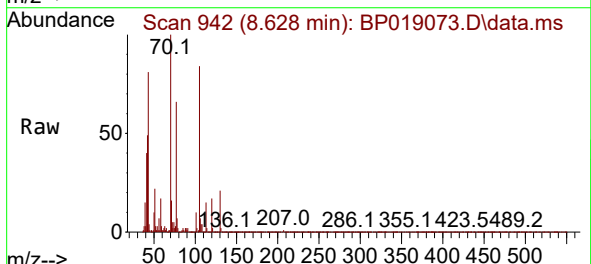
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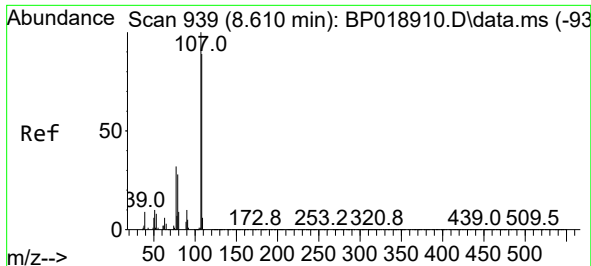
Tgt Ion:105 Resp: 543137
Ion Ratio Lower Upper
105 100
77 74.7 59.4 89.0
51 23.5 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 20.895 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion: 70 Resp: 256891
Ion Ratio Lower Upper
70 100
42 49.0 41.0 61.4
101 9.6 7.8 11.8
130 21.2 16.9 25.3

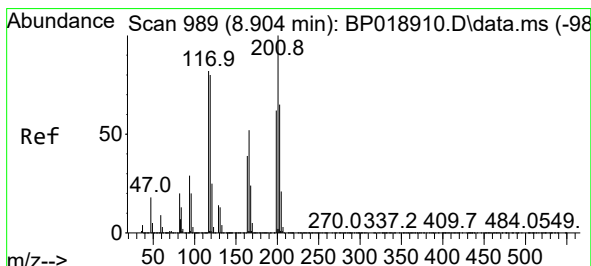
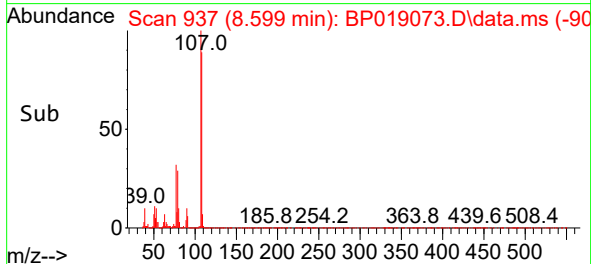
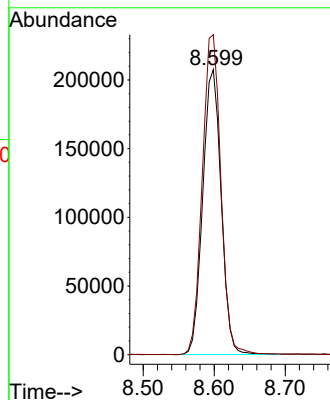
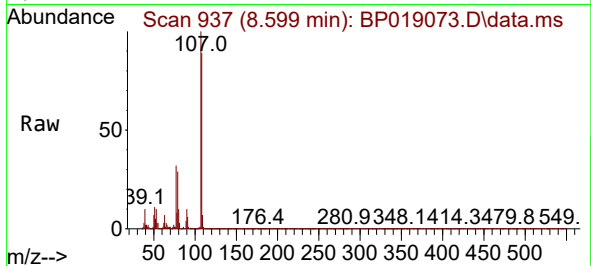




#18
4-Methylphenol
Concen: 24.627 ng/ul
RT: 8.599 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

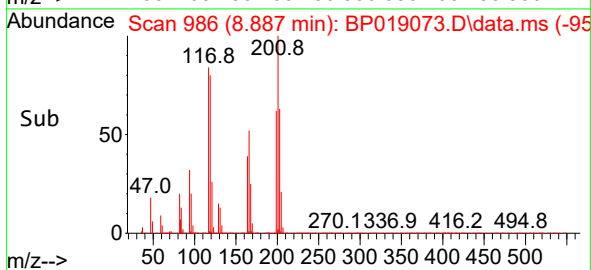
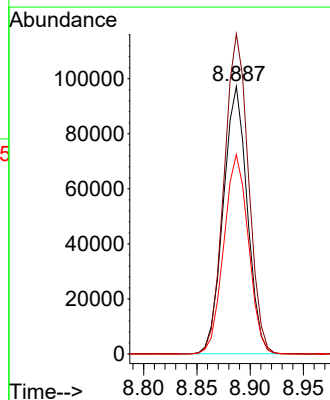
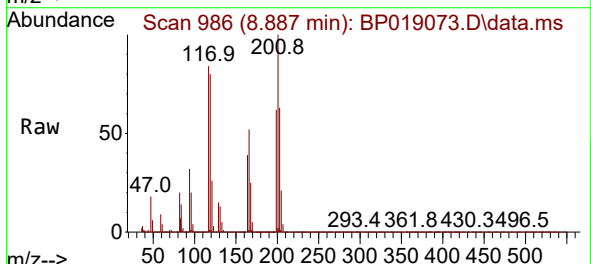
Instrument :
BNA_P
ClientSampleId :
SLCS993

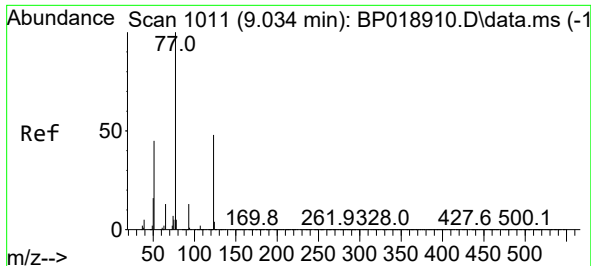
Tgt Ion:108 Resp: 374089
Ion Ratio Lower Upper
108 100
107 112.2 90.6 136.0



#19
Hexachloroethane
Concen: 25.338 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. -0.012 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:117 Resp: 152001
Ion Ratio Lower Upper
117 100
201 119.6 83.7 125.5
199 74.5 52.3 78.5

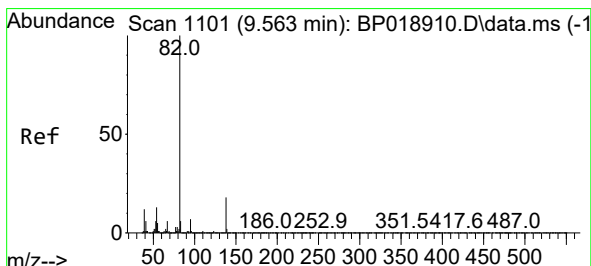
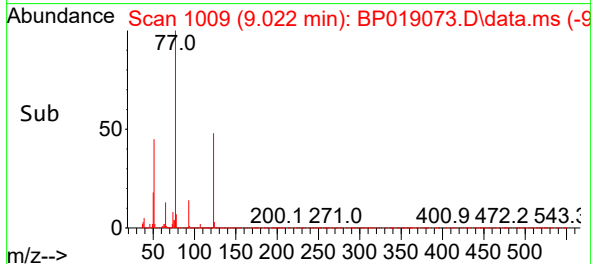
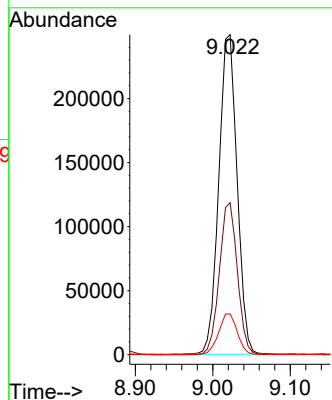
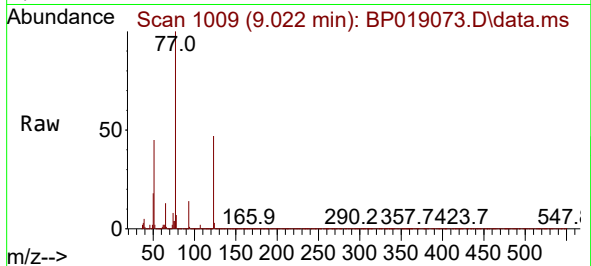




#22
Nitrobenzene
Concen: 26.598 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

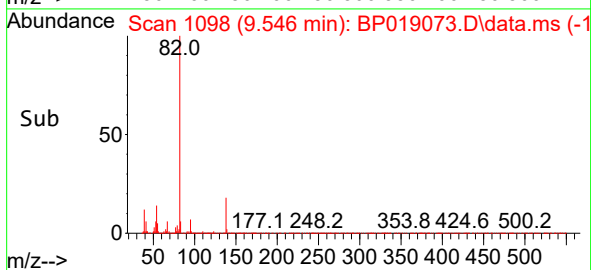
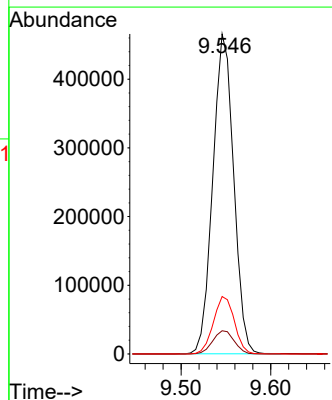
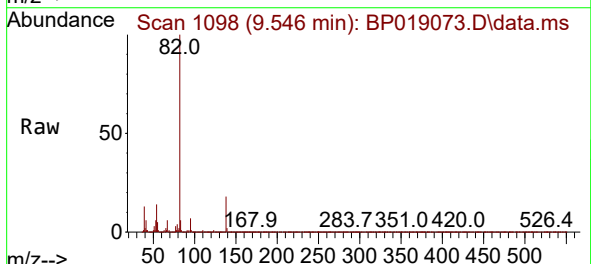
Instrument :
BNA_P
ClientSampleId :
SLCS993

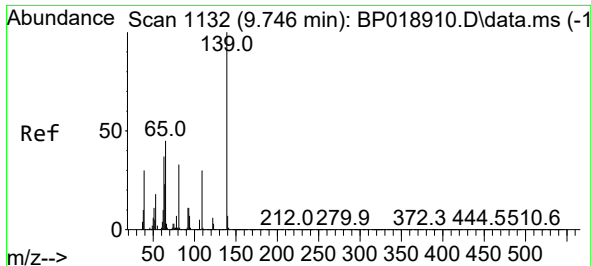
Tgt Ion: 77 Resp: 408965
Ion Ratio Lower Upper
77 100
123 47.5 35.8 53.8
65 12.7 10.5 15.7



#23
Isophorone
Concen: 23.958 ng/ul
RT: 9.546 min Scan# 1098
Delta R.T. -0.012 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion: 82 Resp: 751068
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.9 13.5 20.3

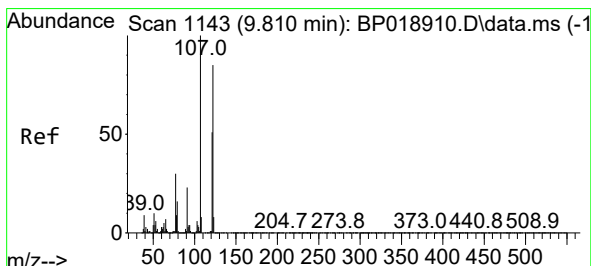
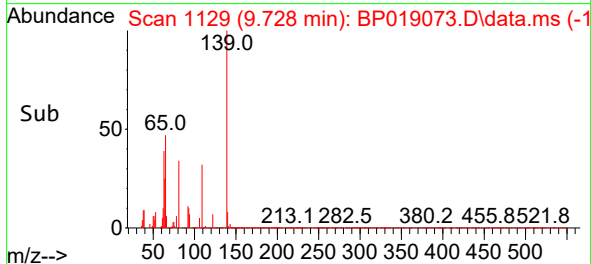
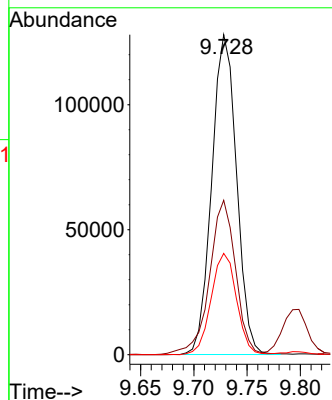
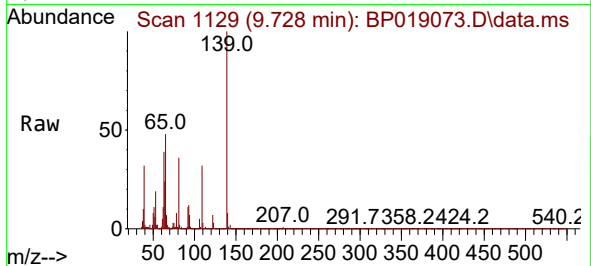




#25
2-Nitrophenol
Concen: 29.522 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

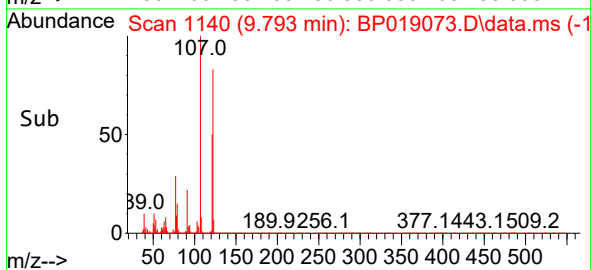
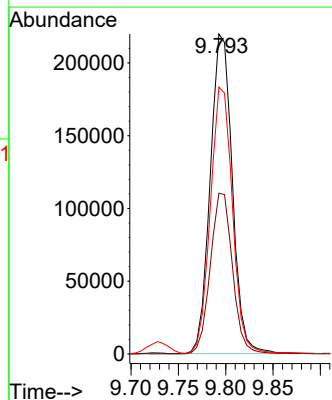
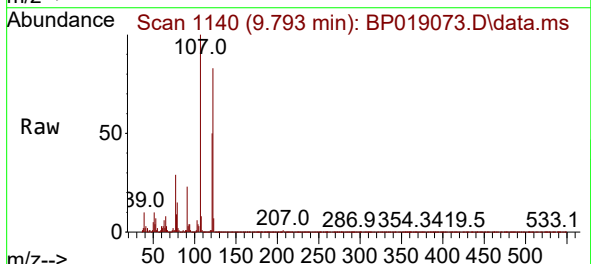
Instrument :
BNA_P
ClientSampleId :
SLCS993

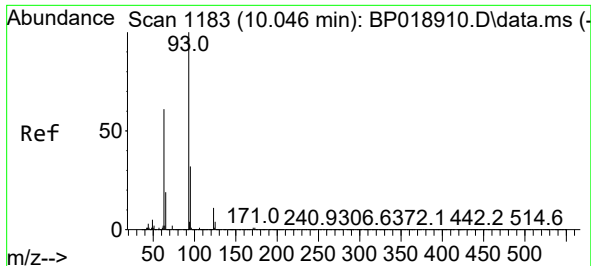
Tgt Ion:139 Resp: 207252
Ion Ratio Lower Upper
139 100
65 48.3 39.1 58.7
109 31.7 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 25.902 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. -0.012 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:107 Resp: 355634
Ion Ratio Lower Upper
107 100
121 50.3 40.0 60.0
122 83.4 69.1 103.7

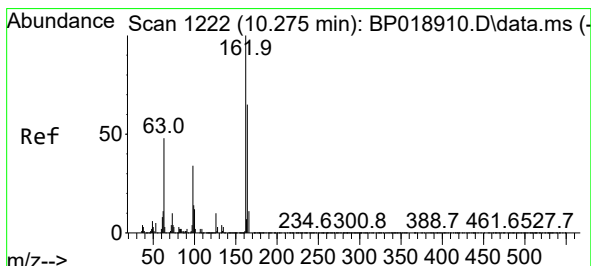
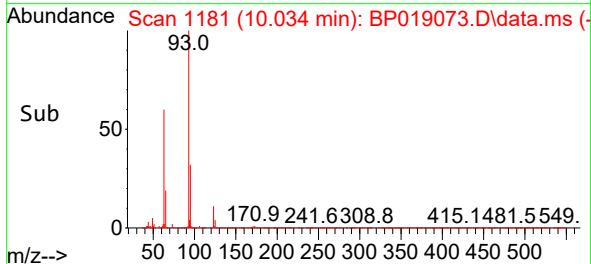
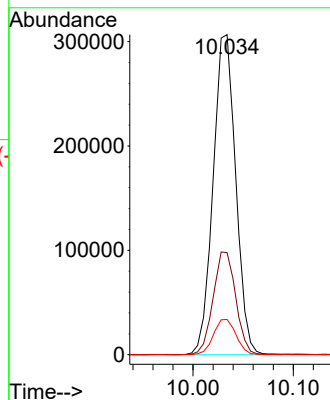
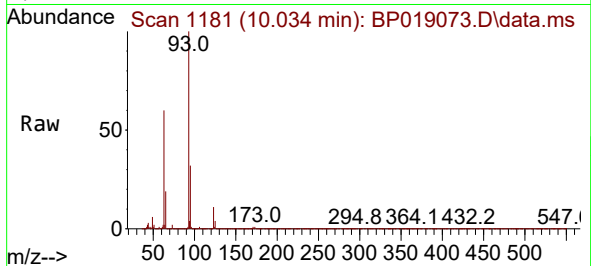




#27
Bis(2-Chloroethoxy)methane
Concen: 24.249 ng/ul
RT: 10.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

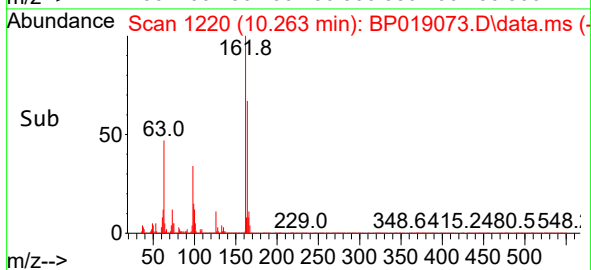
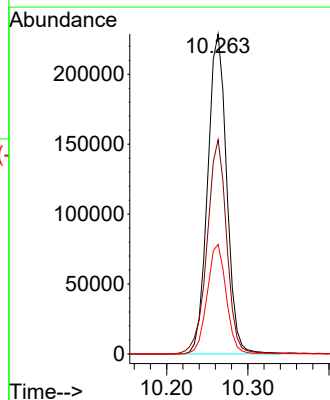
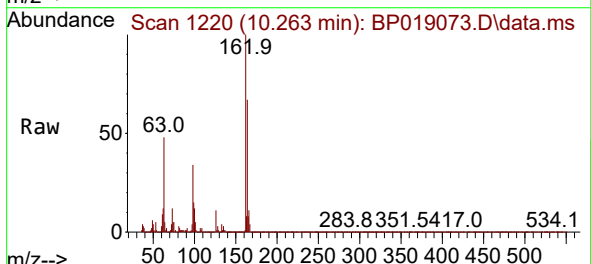
Instrument :
BNA_P
ClientSampleId :
SLCS993

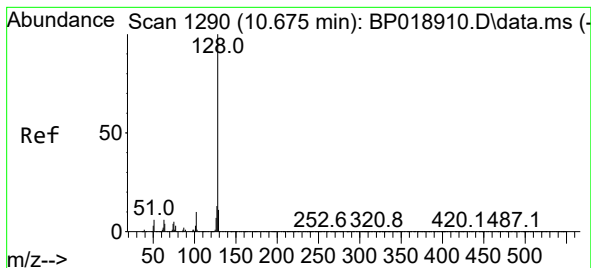
Tgt Ion: 93 Resp: 479940
Ion Ratio Lower Upper
93 100
95 31.9 26.1 39.1
123 11.0 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 28.830 ng/ul
RT: 10.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:162 Resp: 372299
Ion Ratio Lower Upper
162 100
164 66.9 51.7 77.5
98 34.2 29.2 43.8





#30

Naphthalene

Concen: 26.480 ng/ul

RT: 10.657 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

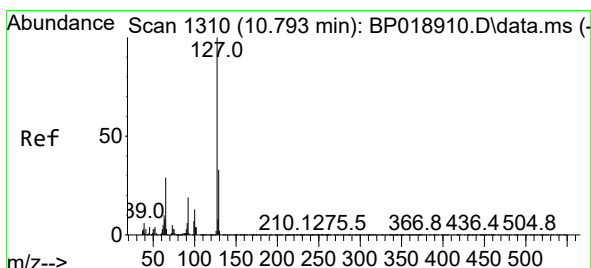
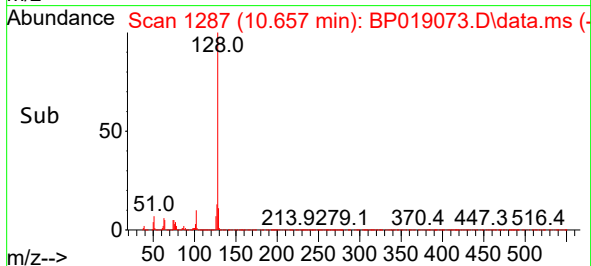
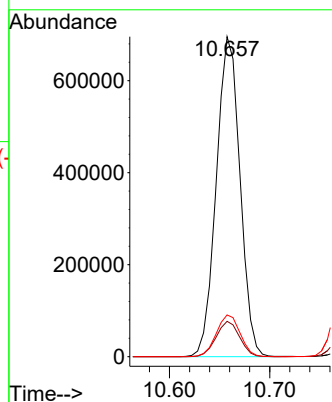
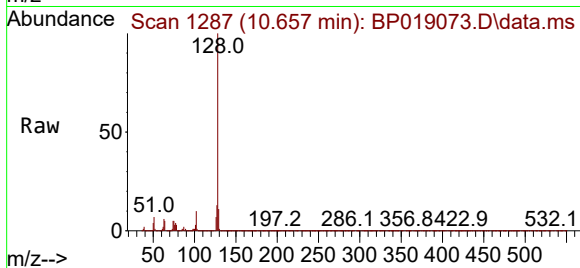
Tgt Ion:128 Resp: 1141380

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.1 10.5 15.7



#32

4-Chloroaniline

Concen: 21.461 ng/ul

RT: 10.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BP019073.D

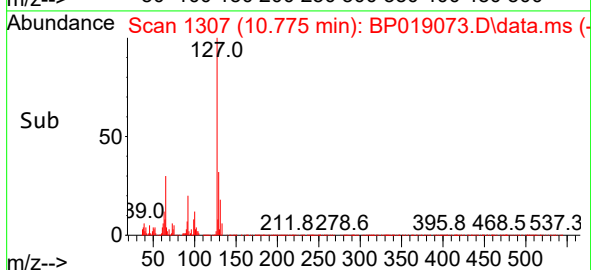
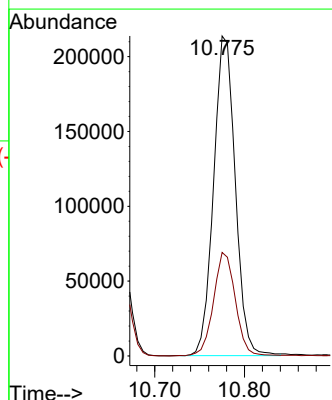
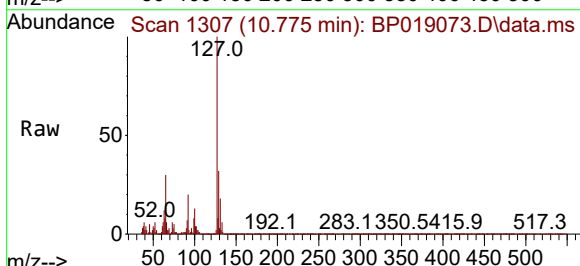
Acq: 23 Dec 2023 11:17

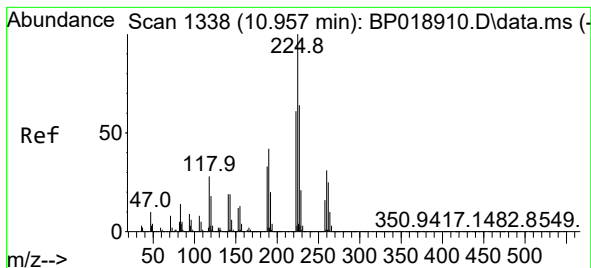
Tgt Ion:127 Resp: 358392

Ion Ratio Lower Upper

127 100

129 32.4 25.6 38.4





#33

Hexachlorobutadiene

Concen: 31.454 ng/ul

RT: 10.940 min Scan# 1335

Delta R.T. -0.012 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

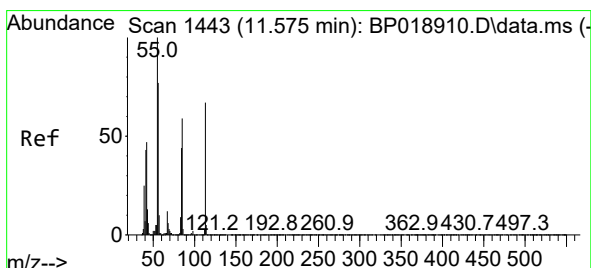
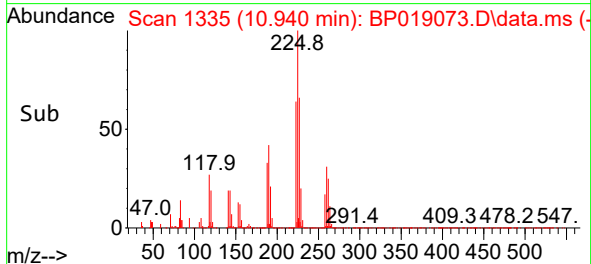
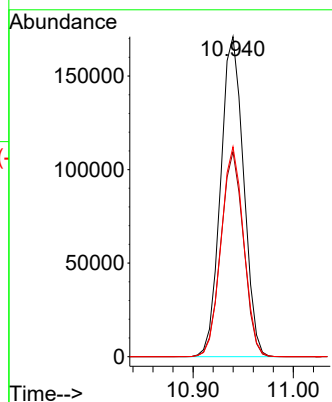
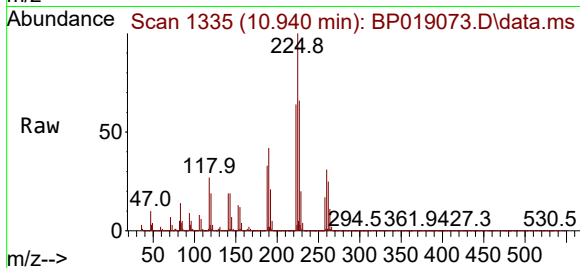
Tgt Ion:225 Resp: 272031

Ion Ratio Lower Upper

225 100

223 64.1 49.5 74.3

227 65.6 50.9 76.3



#34

Caprolactam

Concen: 29.938 ng/ul

RT: 11.569 min Scan# 1442

Delta R.T. 0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

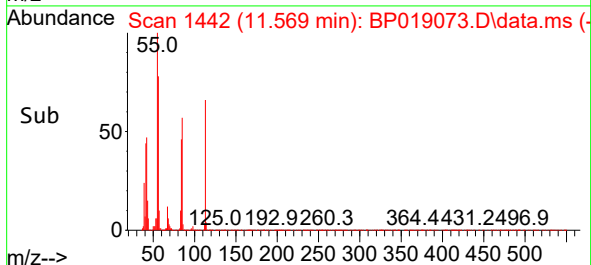
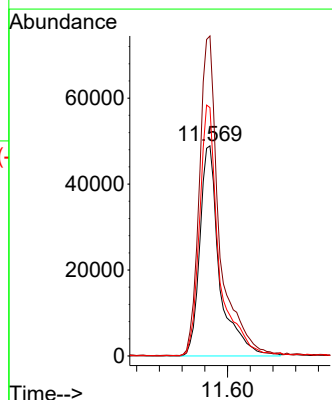
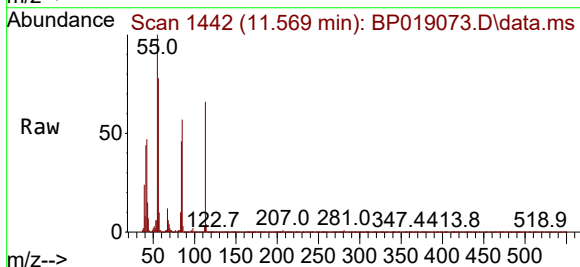
Tgt Ion:113 Resp: 118548

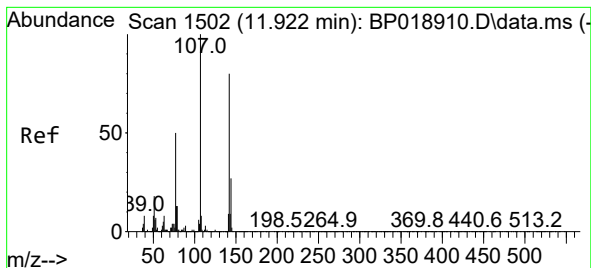
Ion Ratio Lower Upper

113 100

55 152.4 133.7 200.5

56 118.2 97.4 146.2

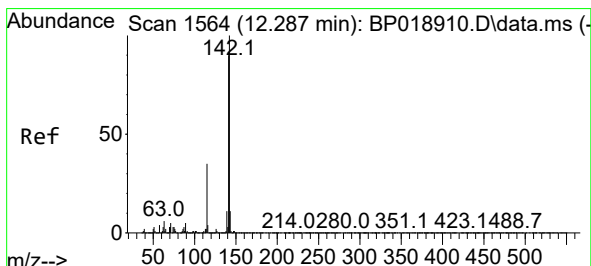
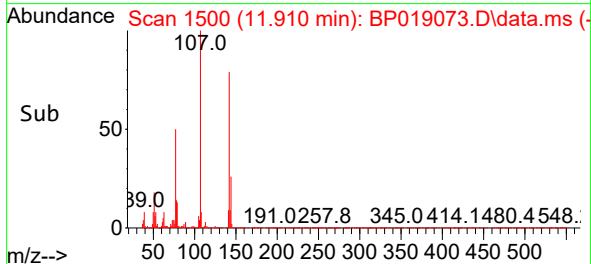
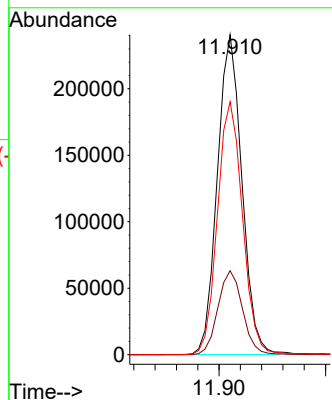
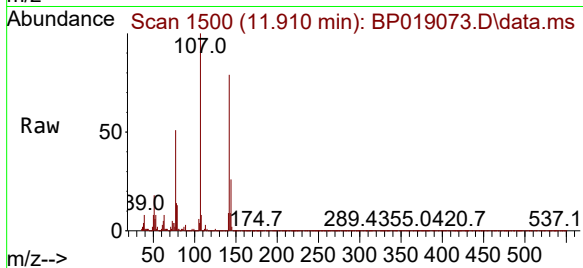




#35
4-Chloro-3-methylphenol
Concen: 26.597 ng/ul
RT: 11.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

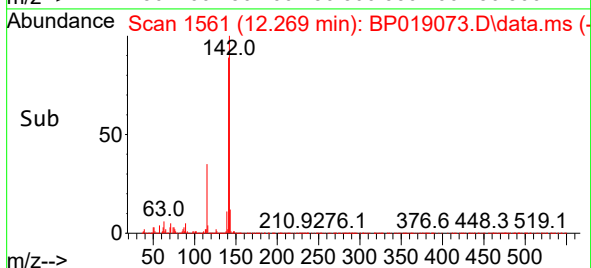
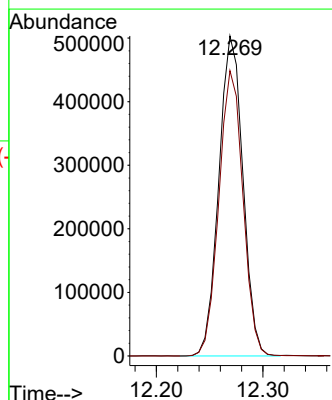
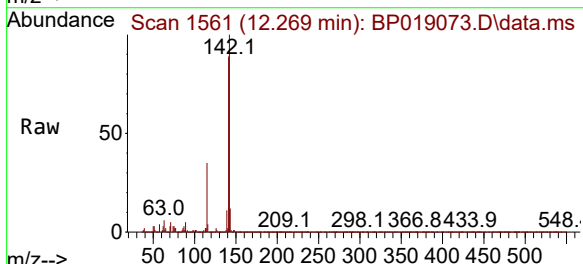
Instrument :
BNA_P
ClientSampleId :
SLCS993

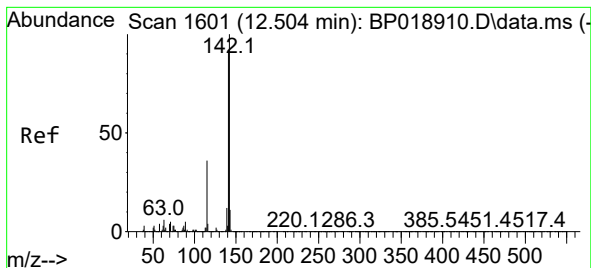
Tgt Ion:107 Resp: 384767
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 79.0 63.6 95.4



#36
2-Methylnaphthalene
Concen: 25.837 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:142 Resp: 788988
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0





#37

1-Methylnaphthalene

Concen: 25.362 ng/ul

RT: 12.493 min Scan# 1599

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

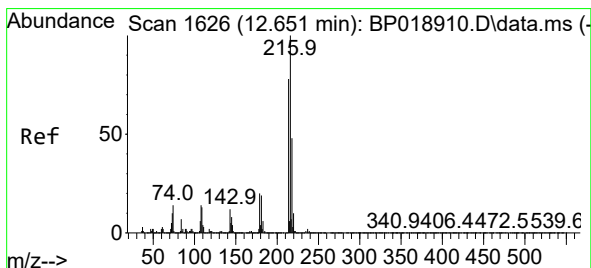
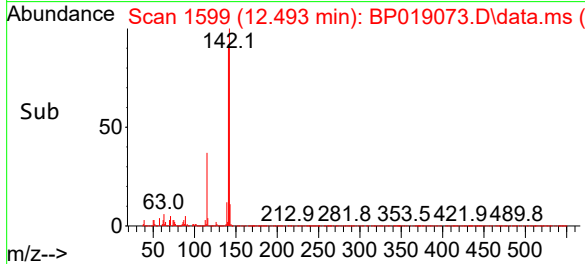
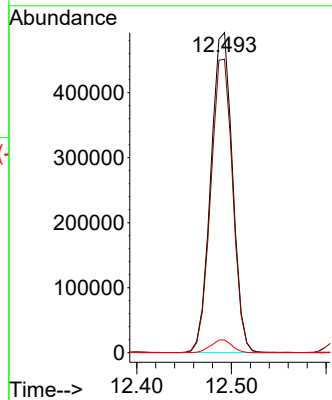
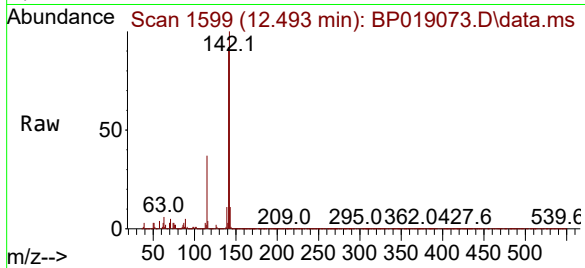
Tgt Ion:142 Resp: 782122

Ion Ratio Lower Upper

142 100

141 91.7 73.5 110.3

116 4.0 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.588 ng/ul

RT: 12.640 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Tgt Ion:216 Resp: 503783

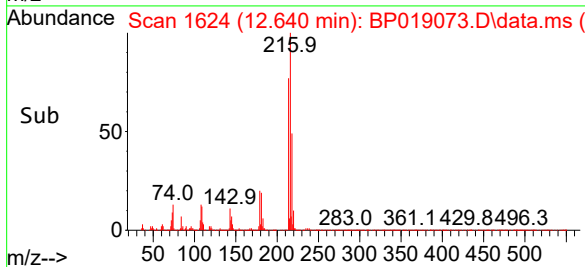
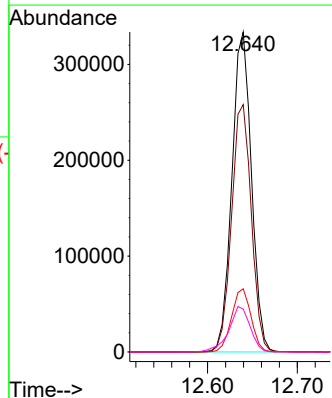
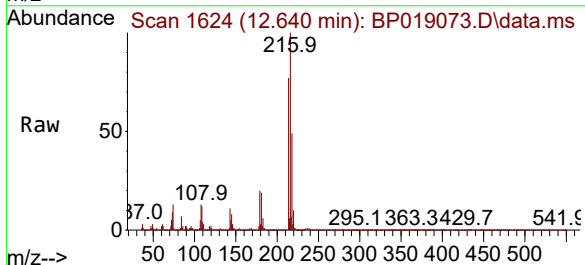
Ion Ratio Lower Upper

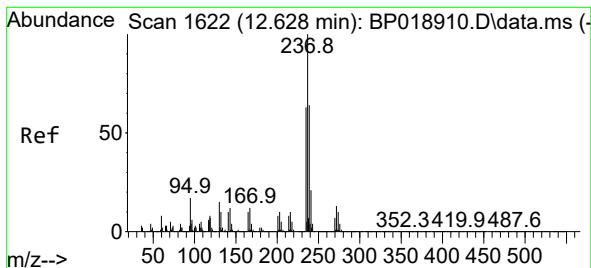
216 100

214 77.3 63.9 95.9

179 19.7 16.3 24.5

108 13.4 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 27.683 ng/ul

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

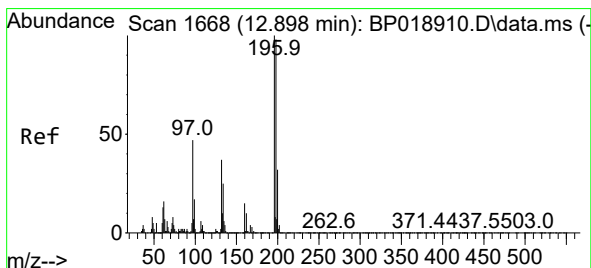
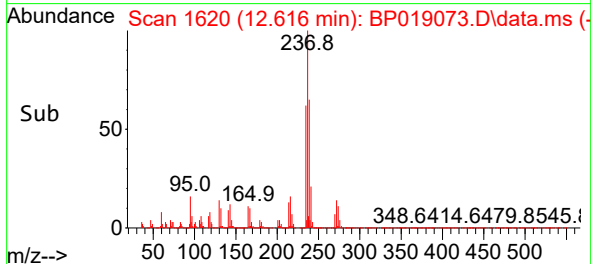
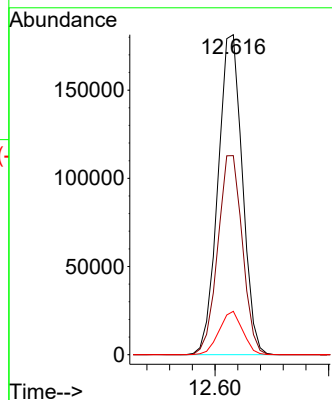
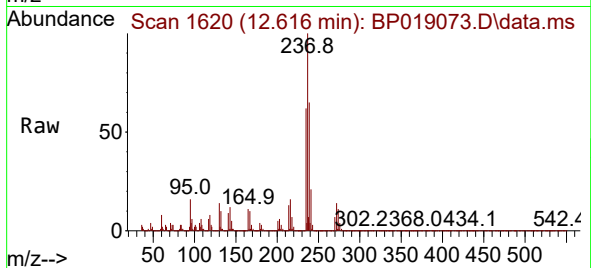
Tgt Ion:237 Resp: 270251

Ion Ratio Lower Upper

237 100

235 62.2 49.4 74.0

272 13.5 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 29.502 ng/ul

RT: 12.887 min Scan# 1666

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

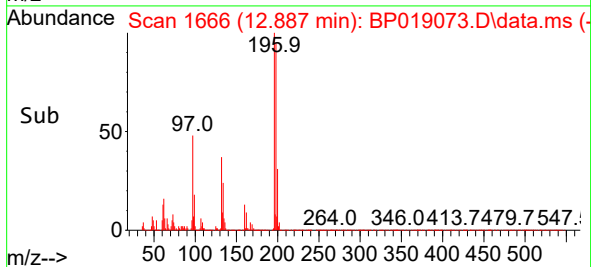
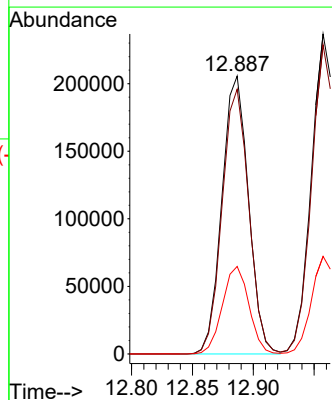
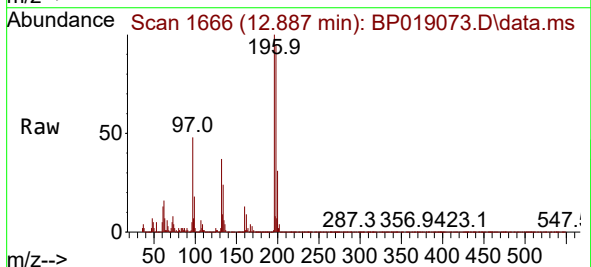
Tgt Ion:196 Resp: 312578

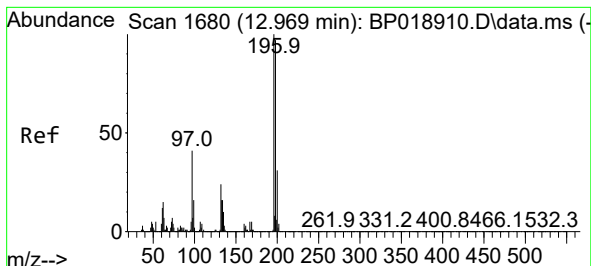
Ion Ratio Lower Upper

196 100

198 95.2 76.9 115.3

200 31.5 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 30.114 ng/ul

RT: 12.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

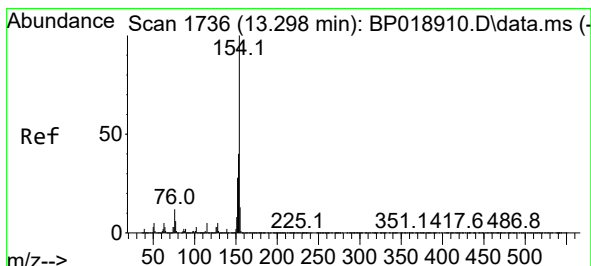
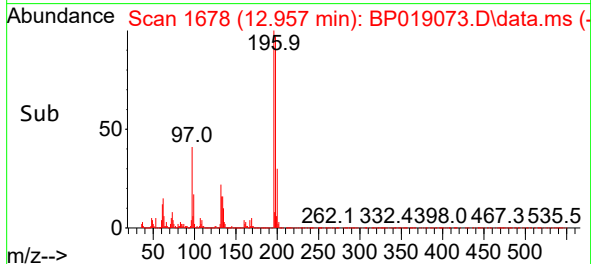
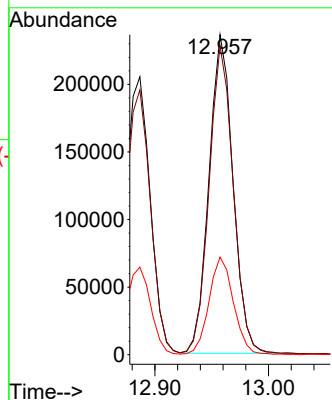
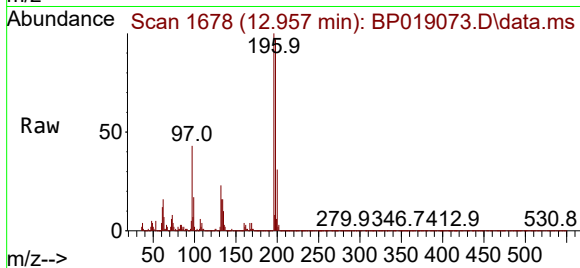
Tgt Ion:196 Resp: 345907

Ion Ratio Lower Upper

196 100

198 96.6 77.9 116.9

200 30.5 25.2 37.8



#43

1,1'-Biphenyl

Concen: 27.429 ng/ul

RT: 13.287 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

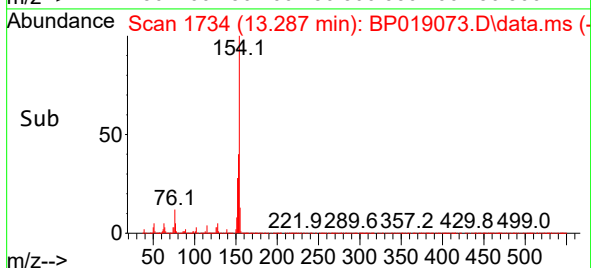
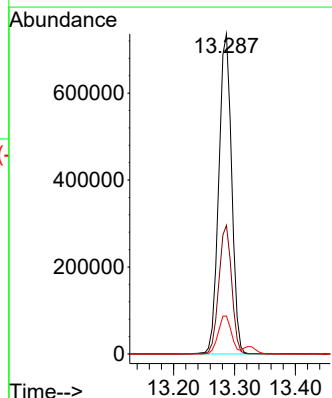
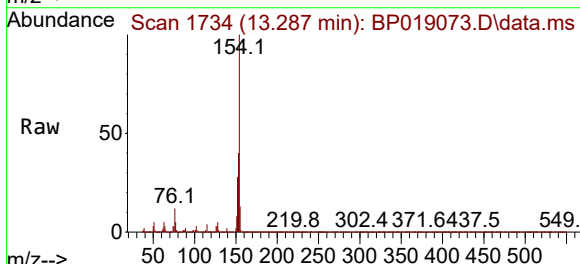
Tgt Ion:154 Resp: 1076868

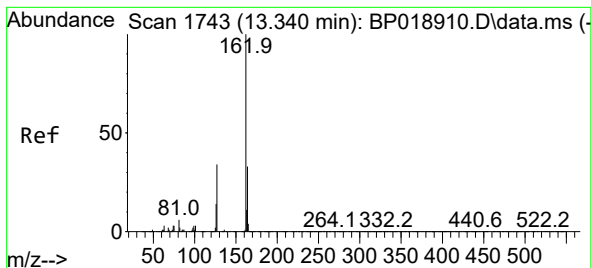
Ion Ratio Lower Upper

154 100

153 40.2 32.8 49.2

76 11.8 10.7 16.1





#44

2-Chloronaphthalene

Concen: 28.126 ng/ul

RT: 13.322 min Scan# 1740

Delta R.T. -0.012 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

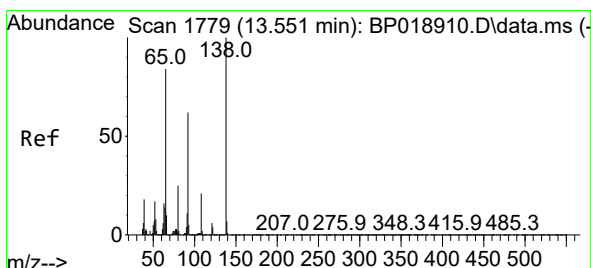
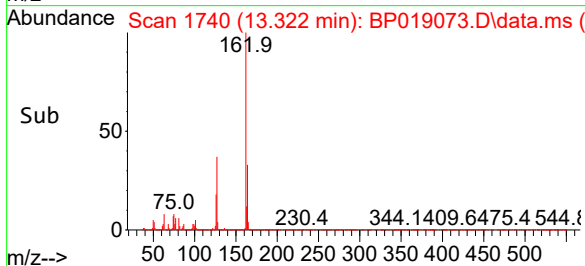
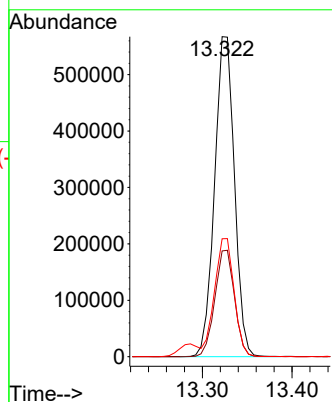
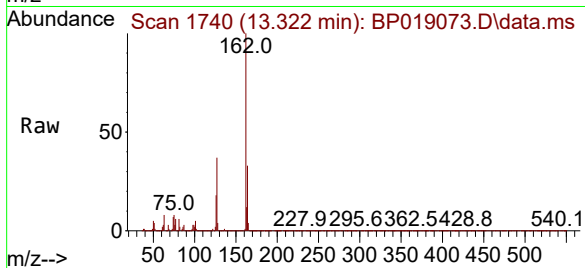
Tgt Ion:162 Resp: 872129

Ion Ratio Lower Upper

162 100

164 33.0 25.7 38.5

127 36.8 30.3 45.5



#45

2-Nitroaniline

Concen: 28.196 ng/ul

RT: 13.540 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

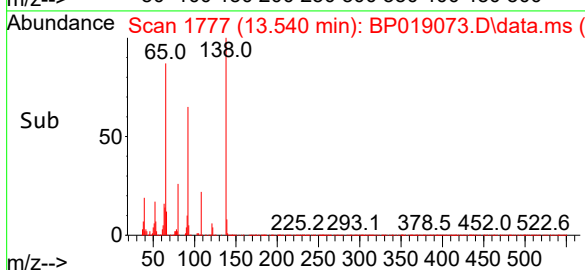
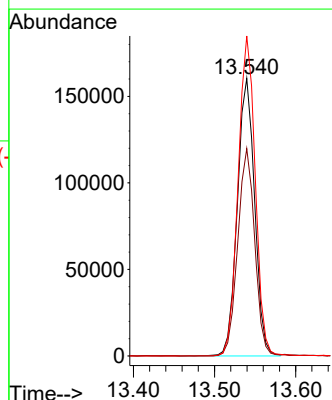
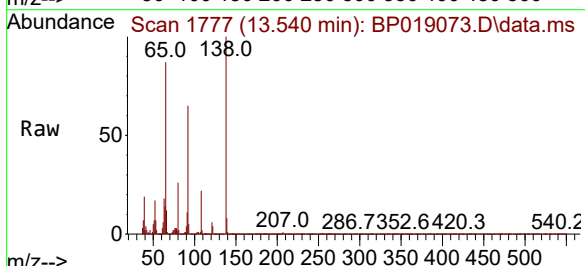
Tgt Ion: 65 Resp: 237016

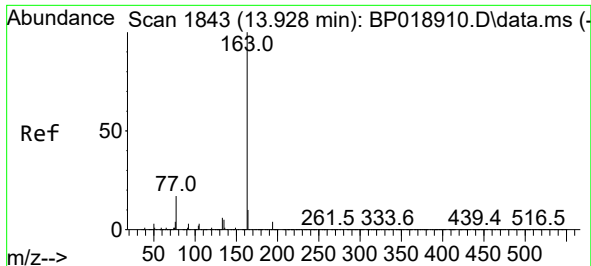
Ion Ratio Lower Upper

65 100

92 74.7 56.9 85.3

138 115.3 88.2 132.2

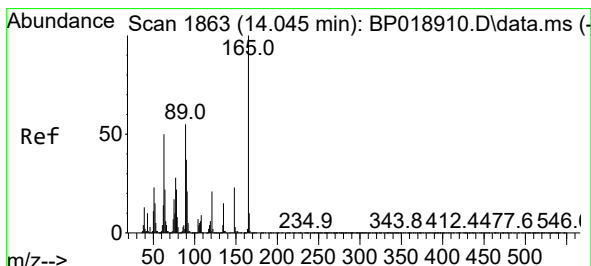
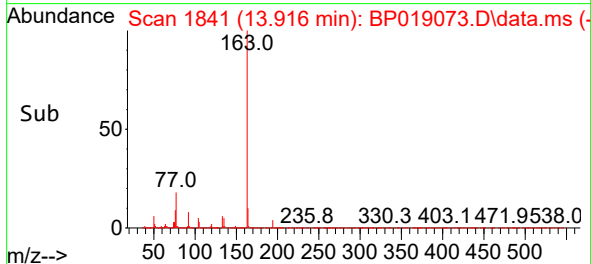
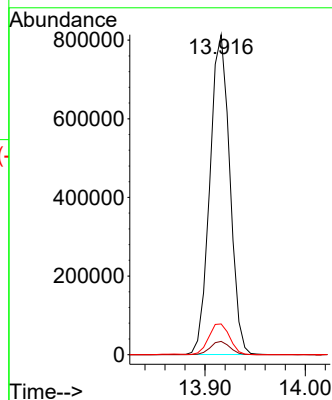
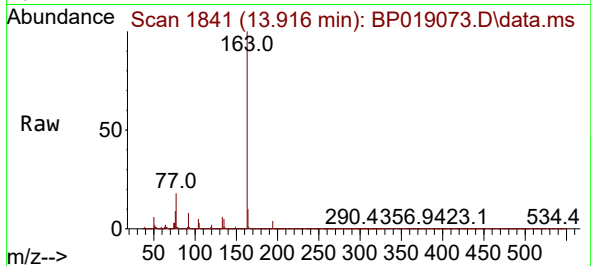




#47
Dimethylphthalate
Concen: 28.195 ng/ul
RT: 13.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

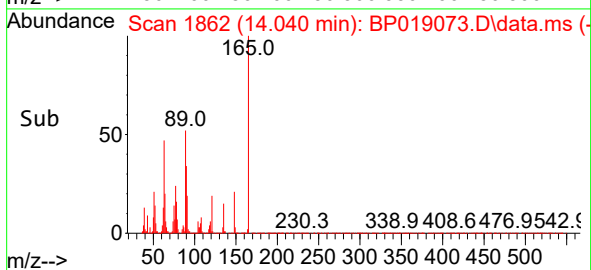
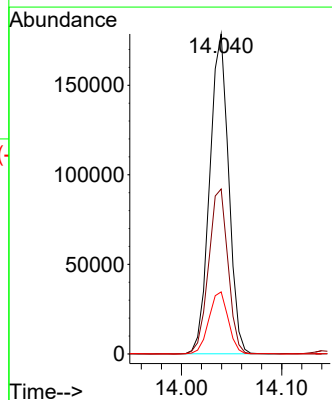
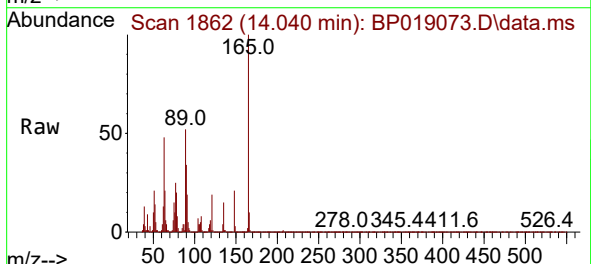
Instrument :
BNA_P
ClientSampleId :
SLCS993

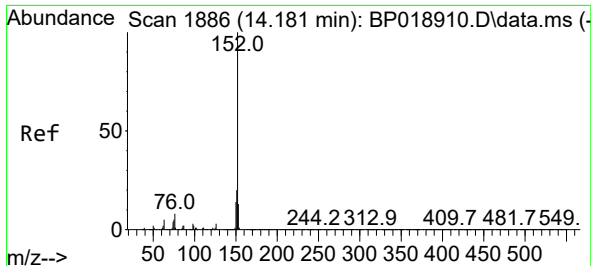
Tgt Ion:163 Resp: 1124459
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.6 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 31.134 ng/ul
RT: 14.040 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:165 Resp: 234595
Ion Ratio Lower Upper
165 100
89 51.5 46.6 70.0
121 19.4 17.3 25.9

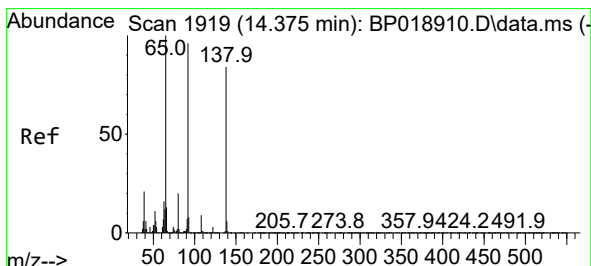
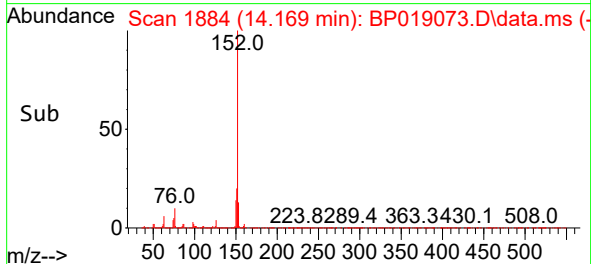
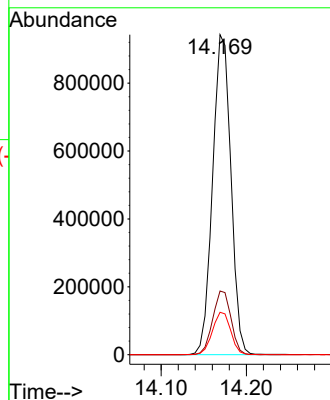
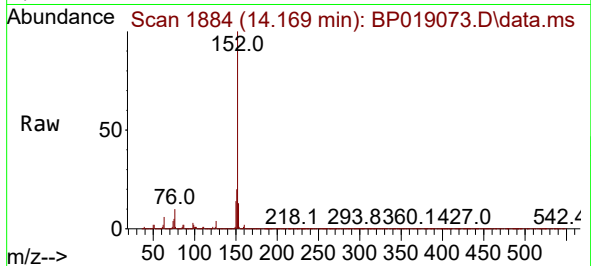




#50
Acenaphthylene
Concen: 28.029 ng/ul
RT: 14.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

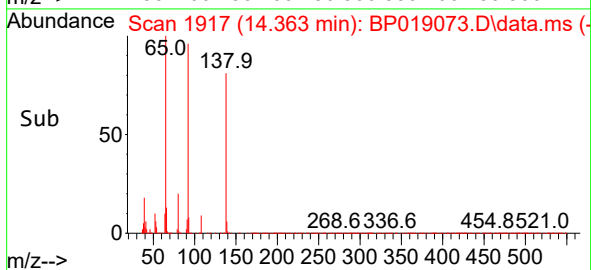
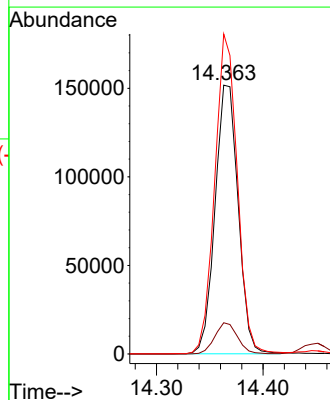
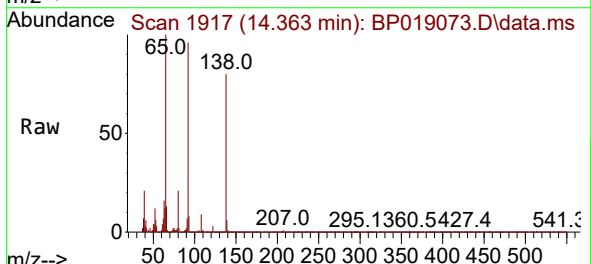
Instrument :
BNA_P
ClientSampleId :
SLCS993

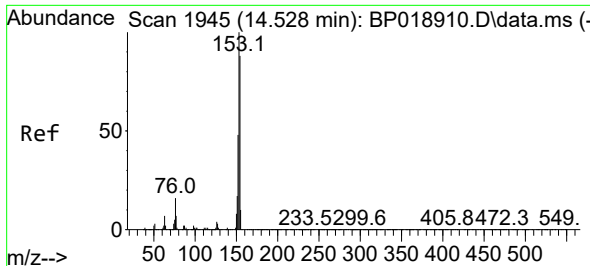
Tgt Ion:152 Resp: 1405903
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 16.0



#51
3-Nitroaniline
Concen: 30.376 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:138 Resp: 228477
Ion Ratio Lower Upper
138 100
108 11.6 9.5 14.3
92 119.0 93.1 139.7

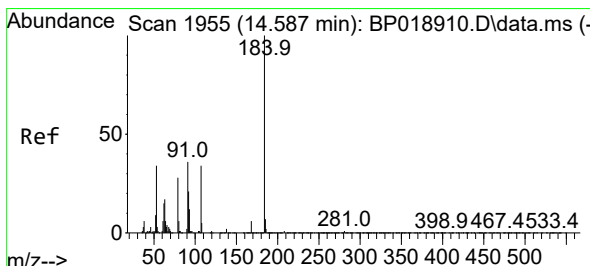
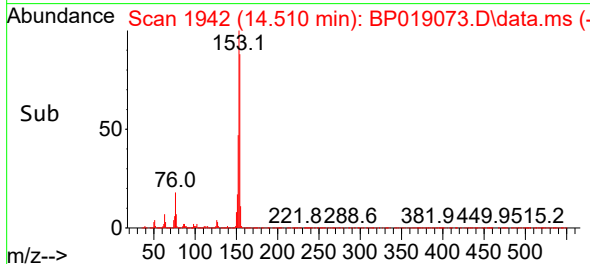
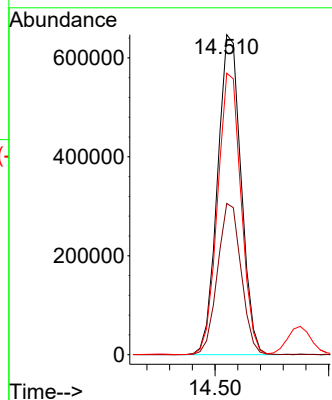
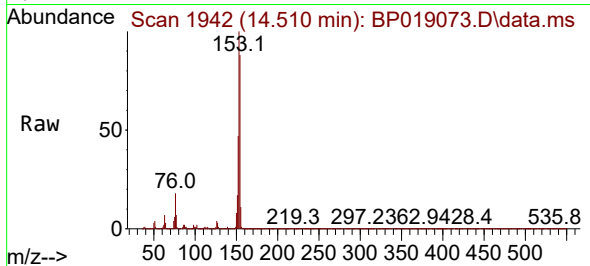




#52
Acenaphthene
Concen: 28.117 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

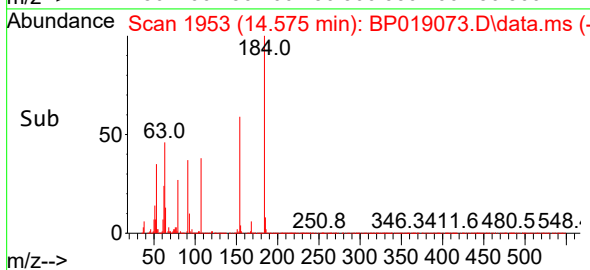
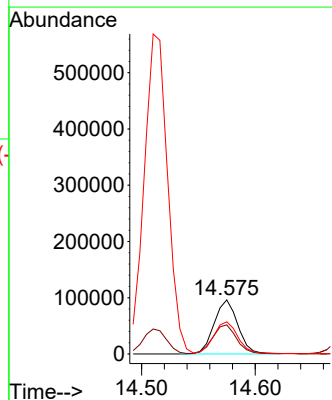
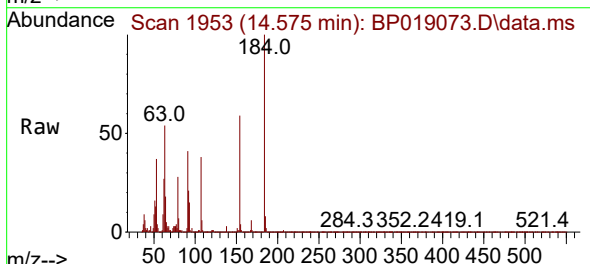
Instrument :
BNA_P
ClientSampleId :
SLCS993

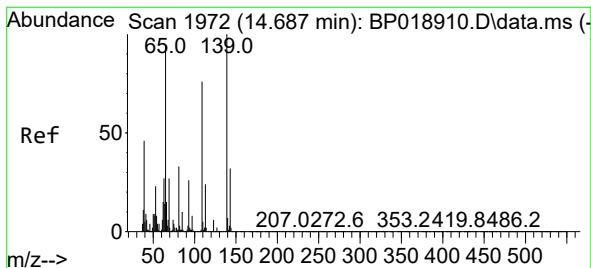
Tgt Ion:153 Resp: 932484
Ion Ratio Lower Upper
153 100
152 47.3 38.1 57.1
154 88.0 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 34.917 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:184 Resp: 139436
Ion Ratio Lower Upper
184 100
63 53.8 48.2 72.4
154 59.5 49.1 73.7

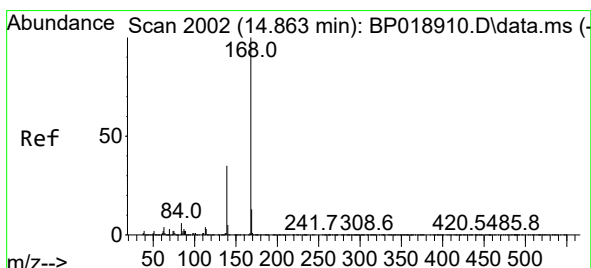
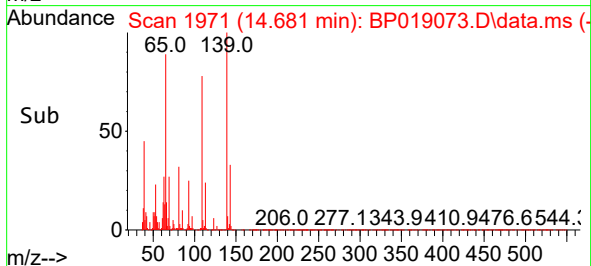
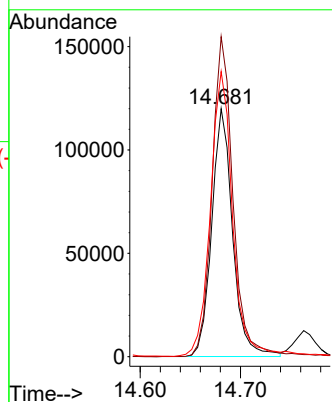
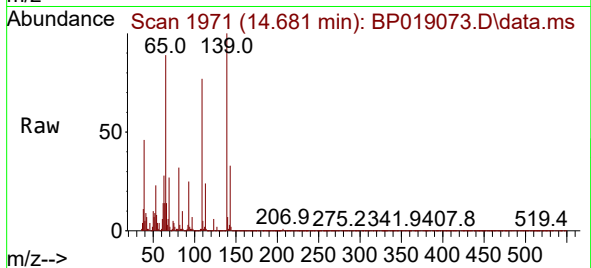




#55
4-Nitrophenol
Concen: 34.516 ng/ul
RT: 14.681 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

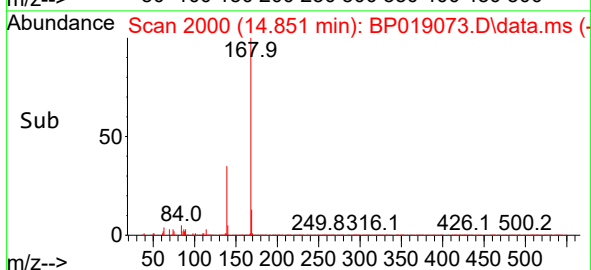
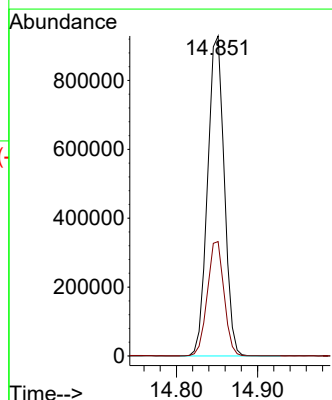
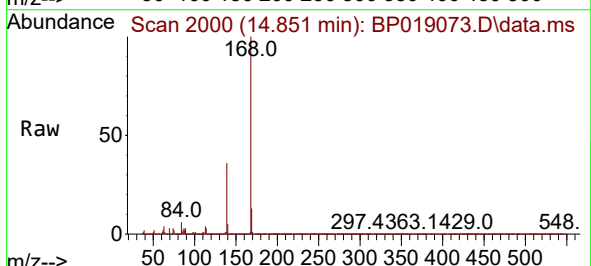
Instrument :
BNA_P
ClientSampleId :
SLCS993

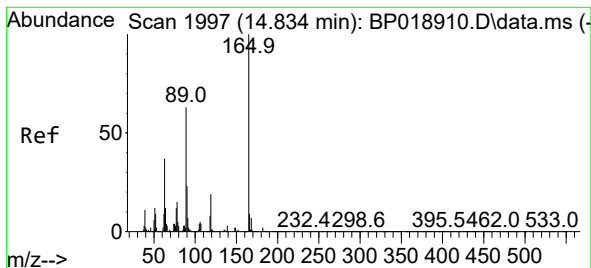
Tgt Ion:109 Resp: 173428
Ion Ratio Lower Upper
109 100
139 129.1 109.0 163.4
65 115.0 106.2 159.4



#56
Dibenzofuran
Concen: 28.685 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:168 Resp: 1322216
Ion Ratio Lower Upper
168 100
139 35.7 29.1 43.7

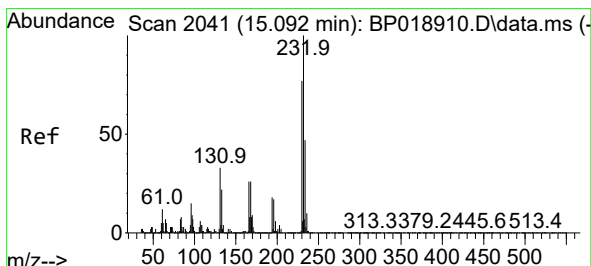
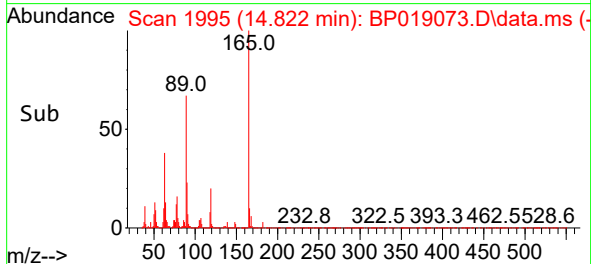
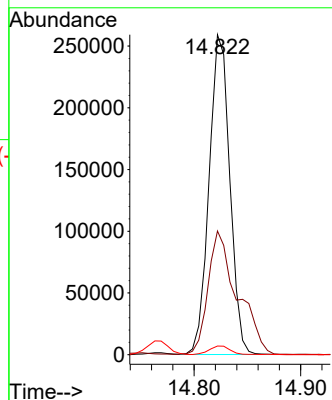
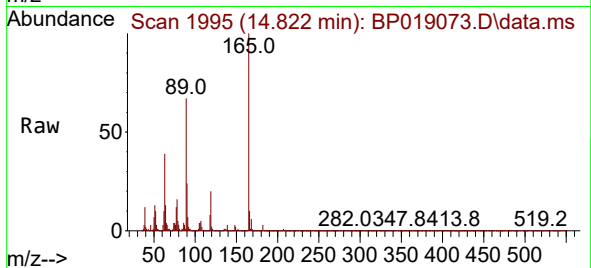




#57
2,4-Dinitrotoluene
Concen: 33.120 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

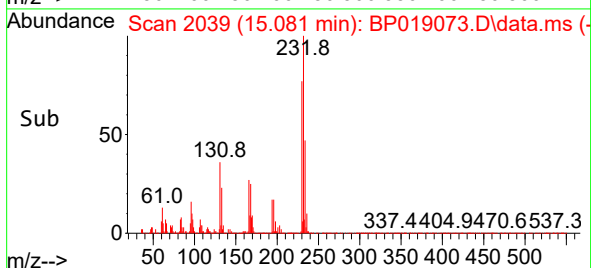
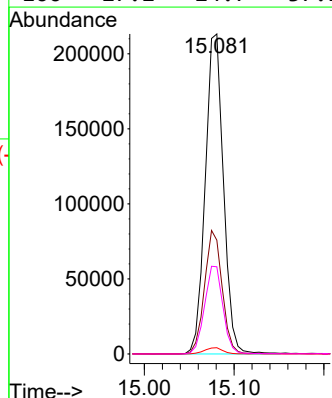
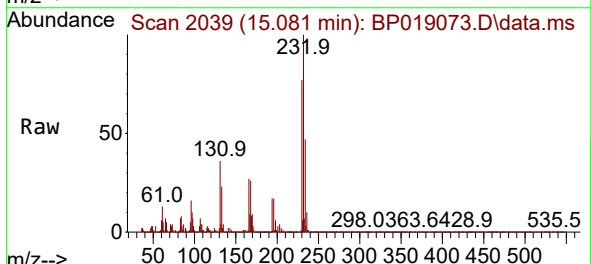
Instrument :
BNA_P
ClientSampleId :
SLCS993

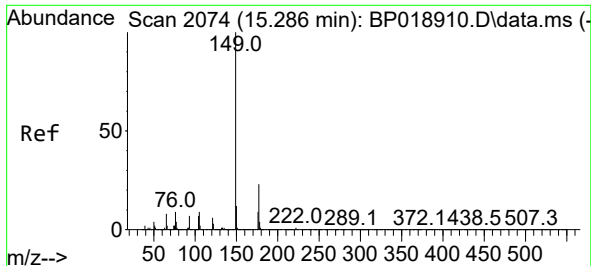
Tgt Ion:165 Resp: 351036
Ion Ratio Lower Upper
165 100
63 38.7 32.7 49.1
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 31.169 ng/ul
RT: 15.081 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:232 Resp: 300314
Ion Ratio Lower Upper
232 100
131 35.5 33.8 50.8
130 1.9 1.8 2.8
166 27.2 24.7 37.1

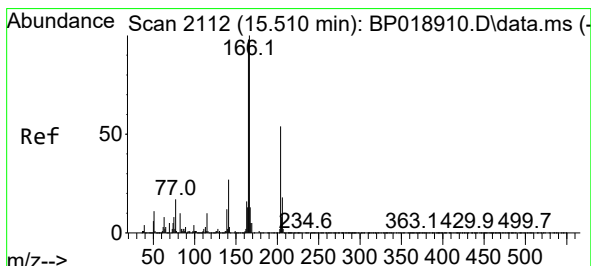
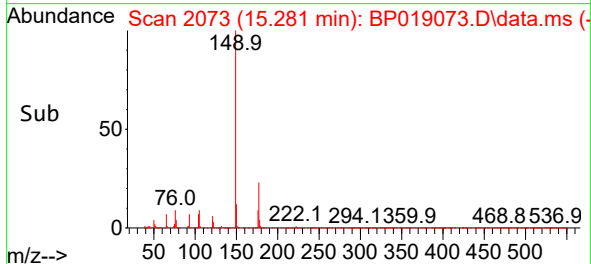
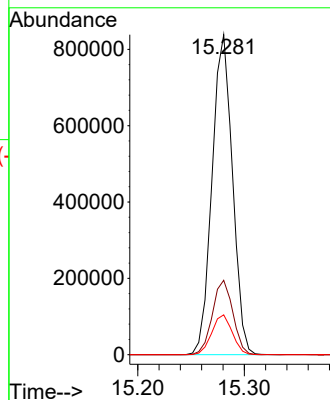
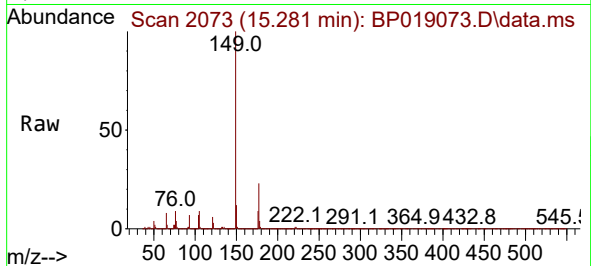




#59
Diethylphthalate
Concen: 28.614 ng/ul
RT: 15.281 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

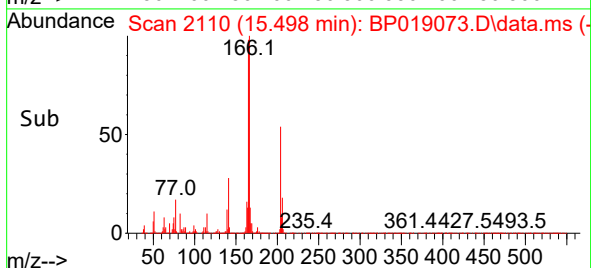
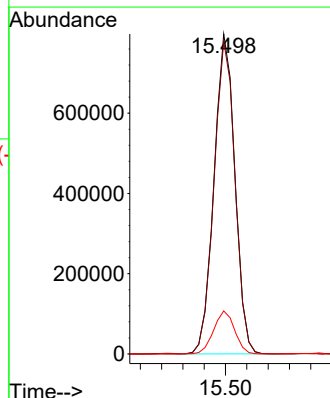
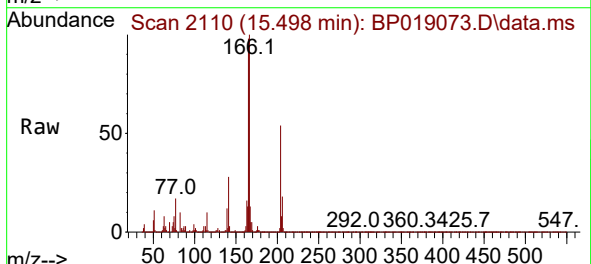
Instrument :
BNA_P
ClientSampleId :
SLCS993

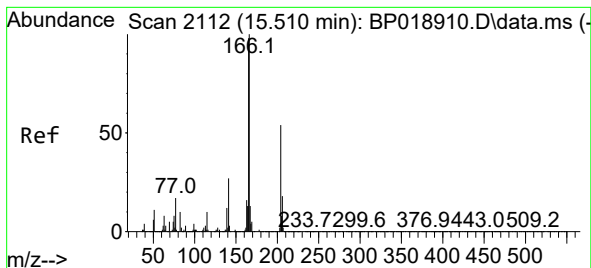
Tgt Ion:149 Resp: 1116682
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.4 9.9 14.9



#61
Fluorene
Concen: 29.702 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:166 Resp: 1083326
Ion Ratio Lower Upper
166 100
165 97.7 78.0 117.0
167 13.4 10.8 16.2

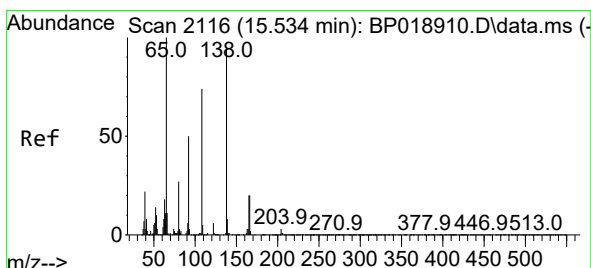
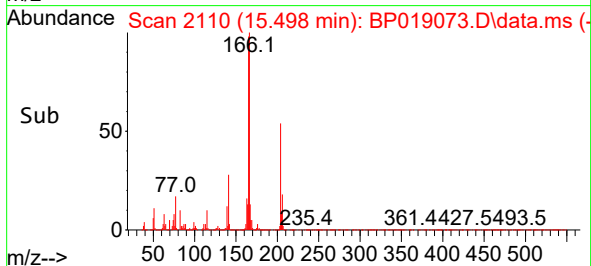
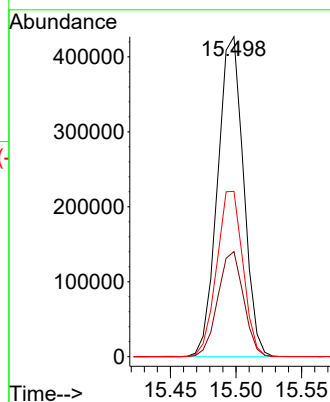
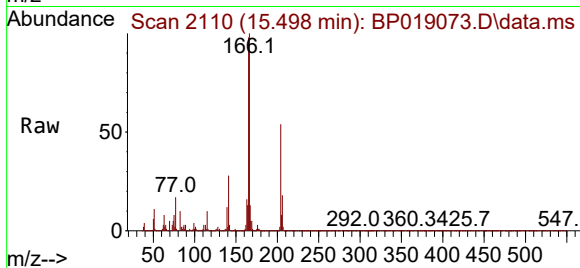




#62
4-Chlorophenyl-phenylether
Concen: 30.620 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

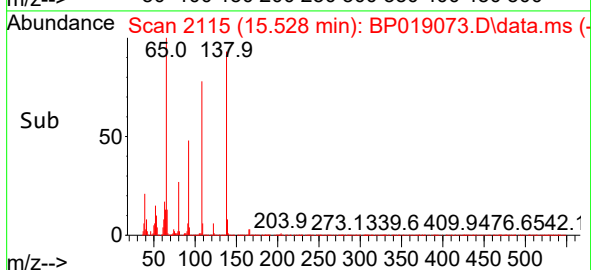
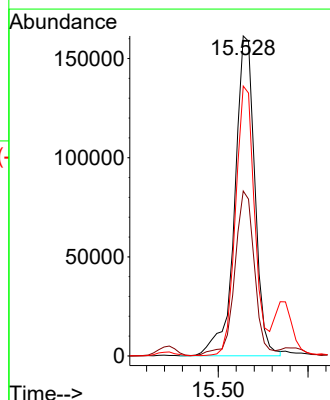
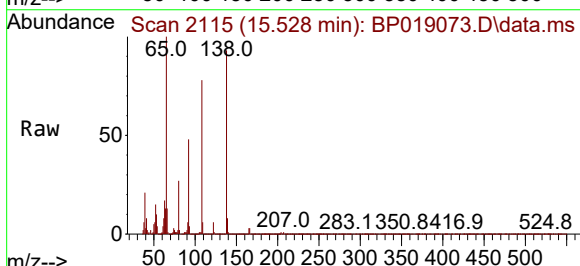
Instrument :
BNA_P
ClientSampleId :
SLCS993

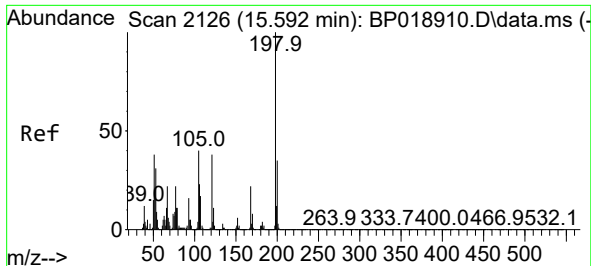
Tgt Ion:204 Resp: 585719
Ion Ratio Lower Upper
204 100
206 32.9 27.1 40.7
141 51.7 45.8 68.8



#63
4-Nitroaniline
Concen: 35.087 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:138 Resp: 251417
Ion Ratio Lower Upper
138 100
92 51.5 42.3 63.5
108 84.3 62.0 93.0

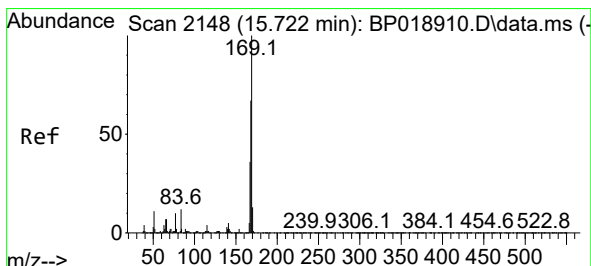
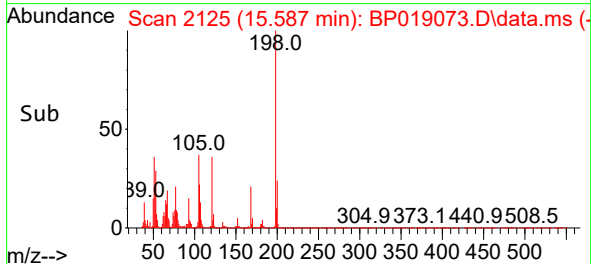
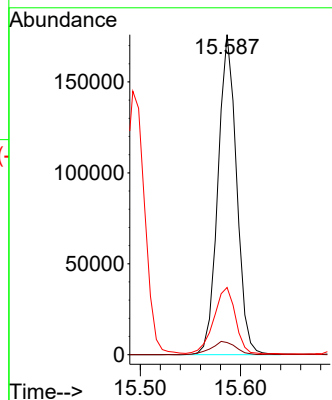
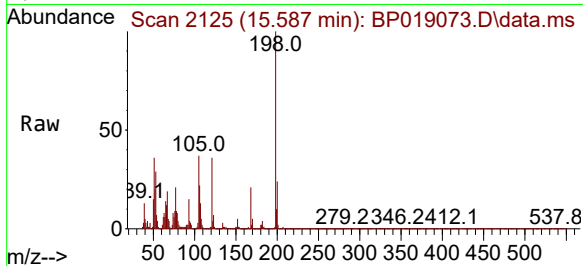




#66
4,6-Dinitro-2-methylphenol
Concen: 33.127 ng/ul
RT: 15.587 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

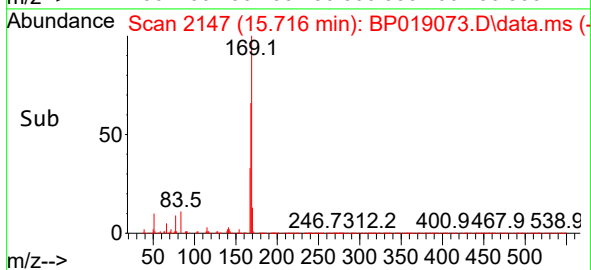
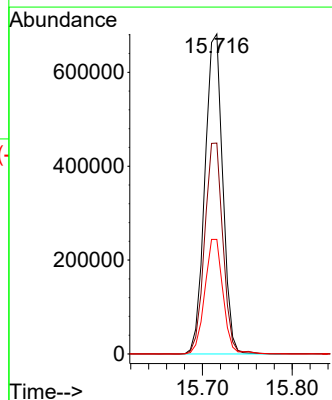
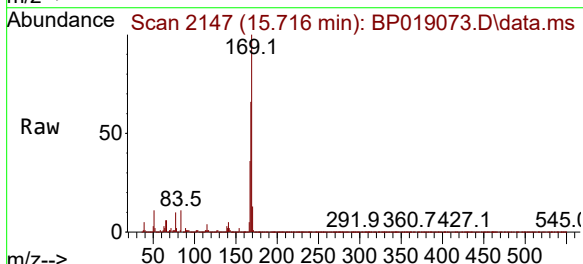
Instrument :
BNA_P
ClientSampleId :
SLCS993

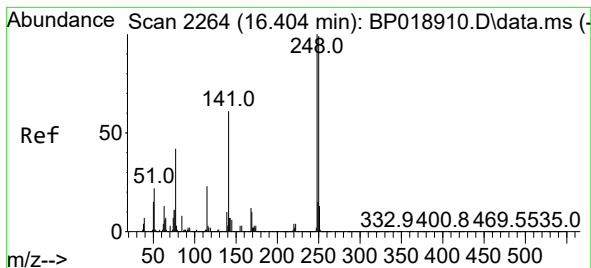
Tgt Ion:198 Resp: 226841
Ion Ratio Lower Upper
198 100
182 3.8 3.4 5.2
77 21.0 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 26.479 ng/ul
RT: 15.716 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:169 Resp: 937254
Ion Ratio Lower Upper
169 100
168 65.9 53.1 79.7
167 35.8 29.1 43.7

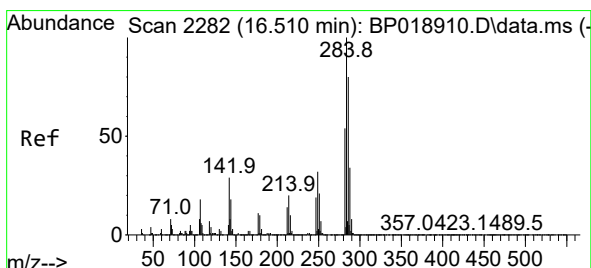
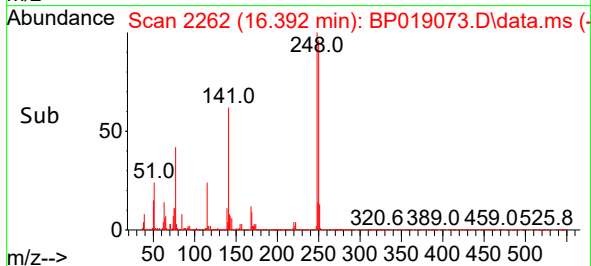
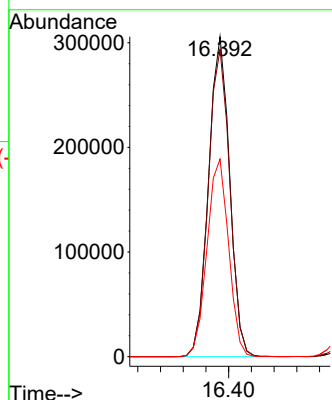
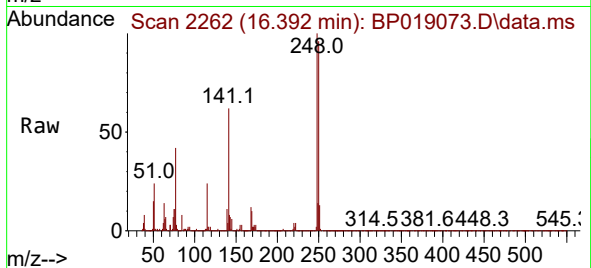




#68
4-Bromophenyl-phenylether
Concen: 29.270 ng/ul
RT: 16.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

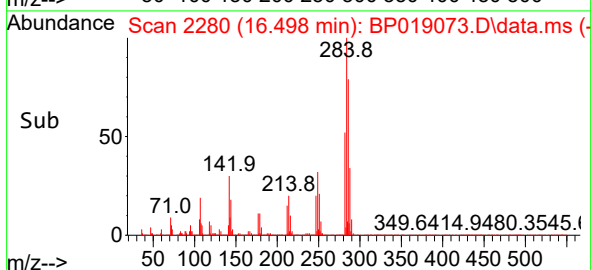
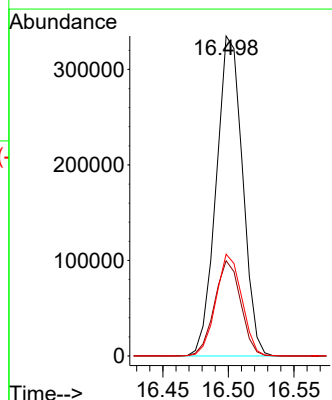
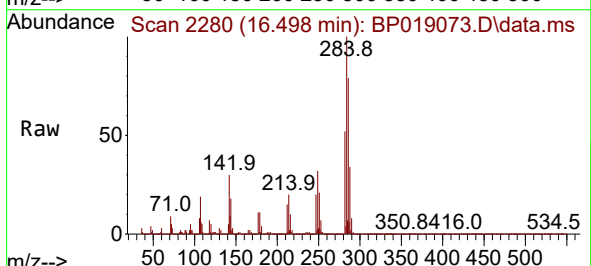
Instrument :
BNA_P
ClientSampleId :
SLCS993

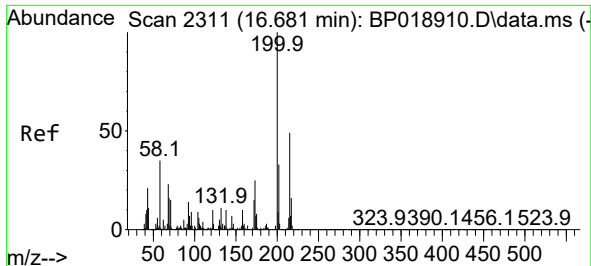
Tgt Ion:248 Resp: 394713
Ion Ratio Lower Upper
248 100
250 96.1 79.3 118.9
141 61.7 57.2 85.8



#69
Hexachlorobenzene
Concen: 31.100 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:284 Resp: 468248
Ion Ratio Lower Upper
284 100
142 29.7 25.8 38.6
249 31.8 24.9 37.3

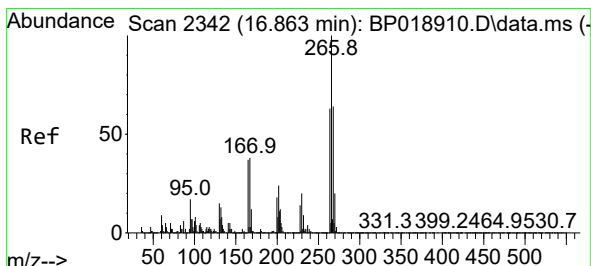
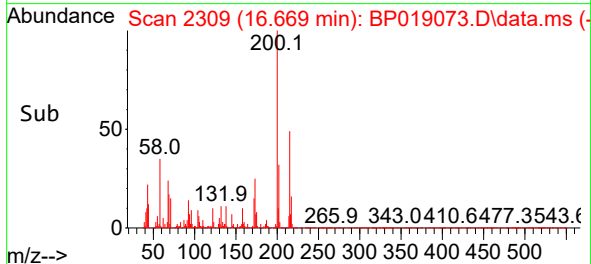
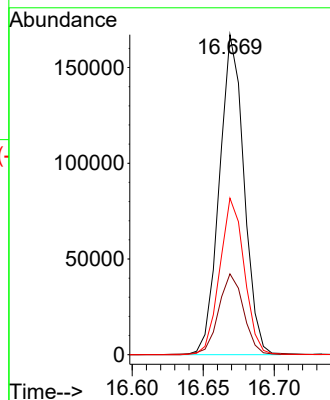
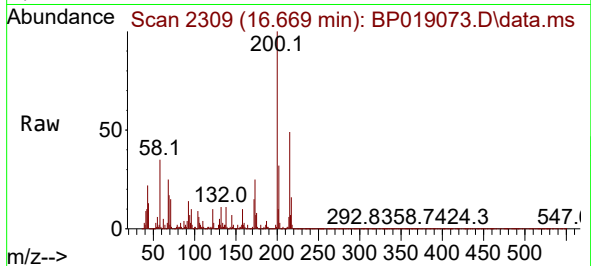




#70
Atrazine
Concen: 19.124 ng/ul
RT: 16.669 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

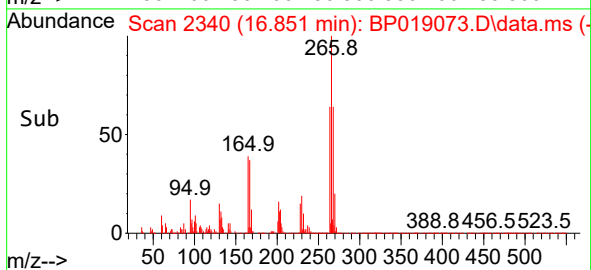
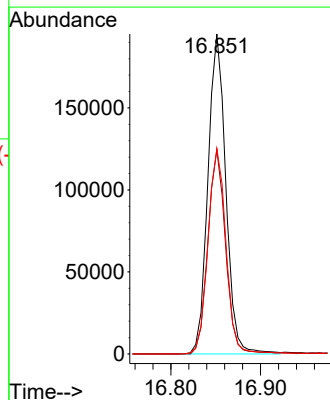
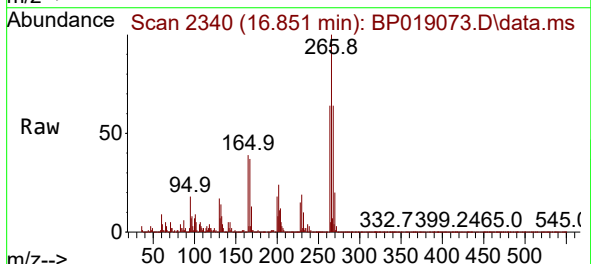
Instrument :
BNA_P
ClientSampleId :
SLCS993

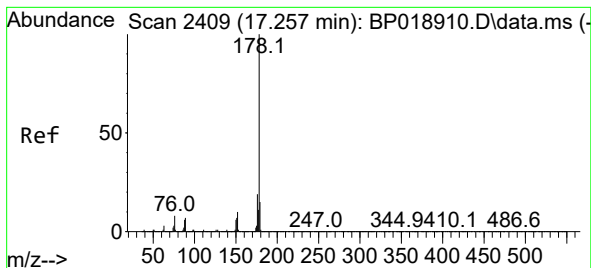
Tgt Ion:200 Resp: 201254
Ion Ratio Lower Upper
200 100
173 25.3 21.0 31.4
215 48.9 38.2 57.2



#71
Pentachlorophenol
Concen: 30.092 ng/ul
RT: 16.851 min Scan# 2340
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:266 Resp: 269460
Ion Ratio Lower Upper
266 100
264 63.7 50.2 75.2
268 64.1 50.5 75.7





#72

Phenanthrene

Concen: 28.533 ng/ul

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

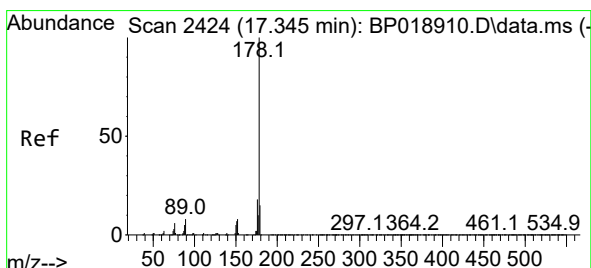
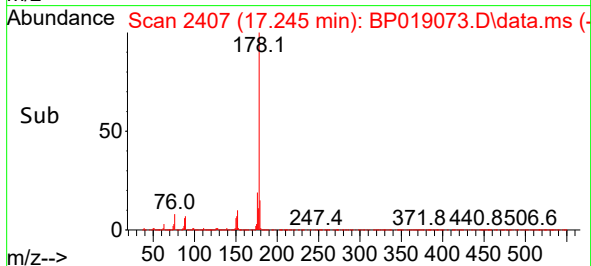
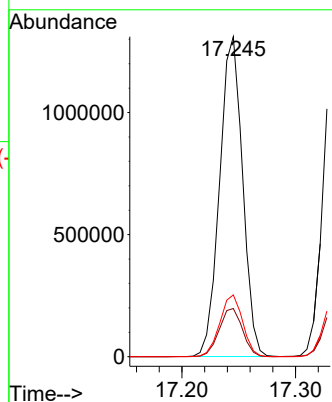
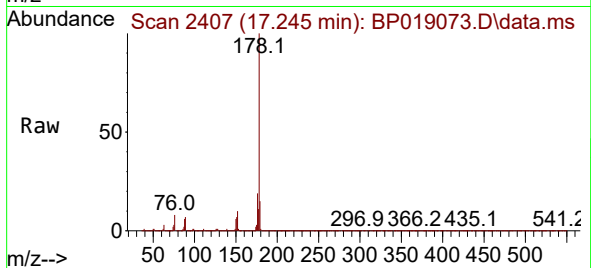
Tgt Ion:178 Resp: 1840782

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 19.3 15.4 23.2



#74

Anthracene

Concen: 29.123 ng/ul

RT: 17.334 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

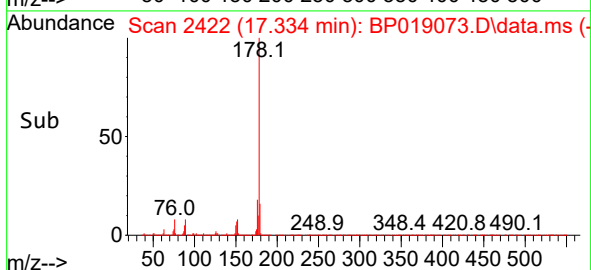
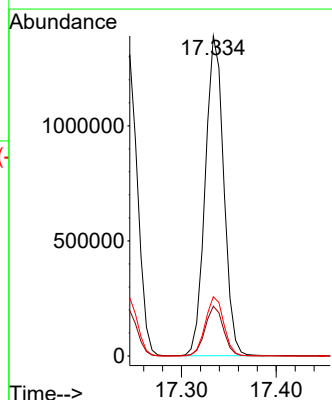
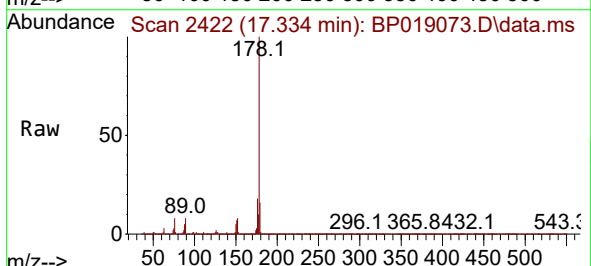
Tgt Ion:178 Resp: 1883276

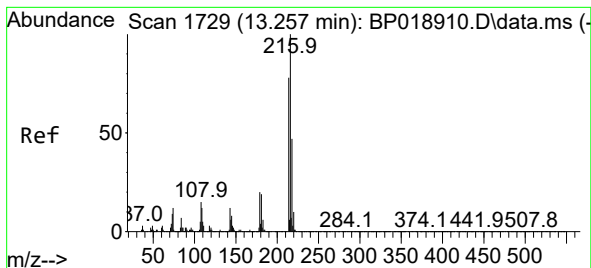
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.5 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 27.726 ng/uL

RT: 13.246 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

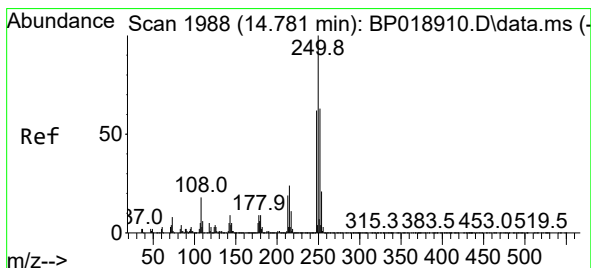
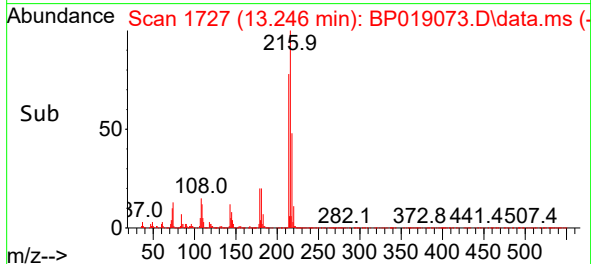
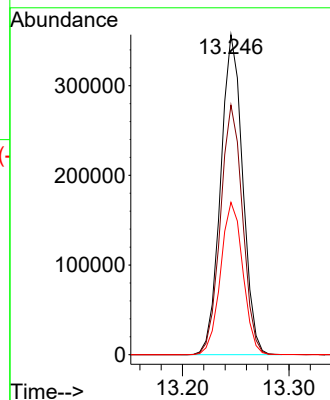
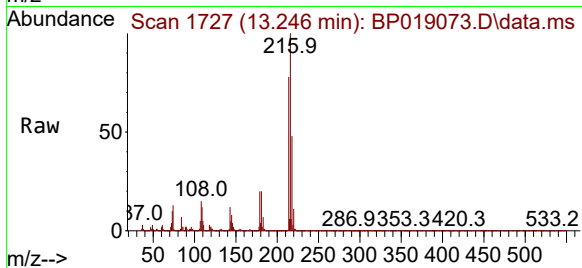
Tgt Ion:216 Resp: 512087

Ion Ratio Lower Upper

216 100

214 78.0 61.4 92.2

218 47.6 39.2 58.8



#76

Pentachlorobenzene

Concen: 29.140 ng/uL

RT: 14.769 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

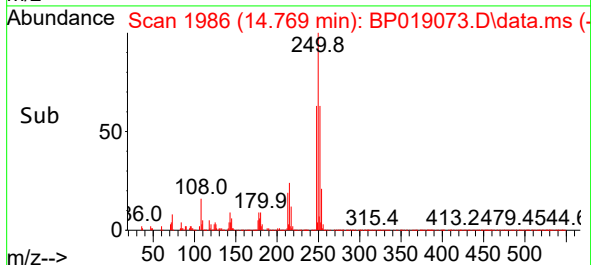
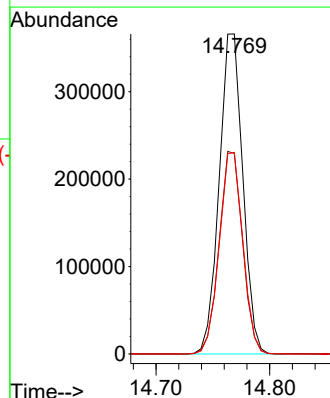
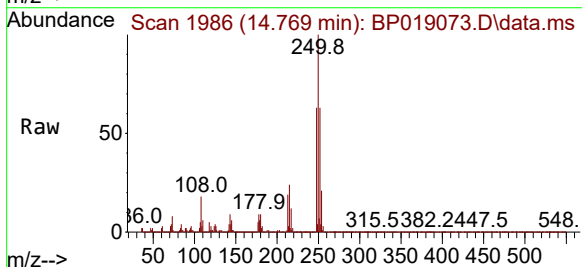
Tgt Ion:250 Resp: 528675

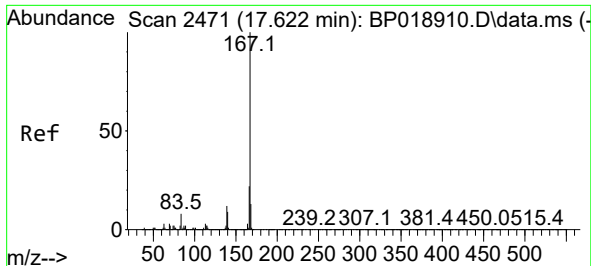
Ion Ratio Lower Upper

250 100

248 62.6 50.6 75.8

252 63.0 51.3 76.9

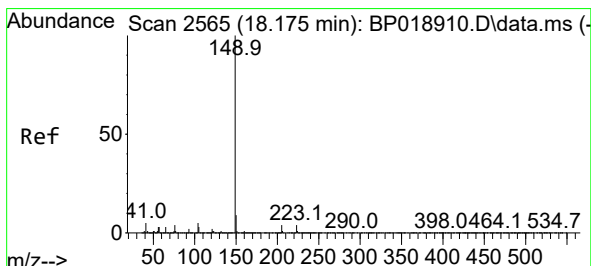
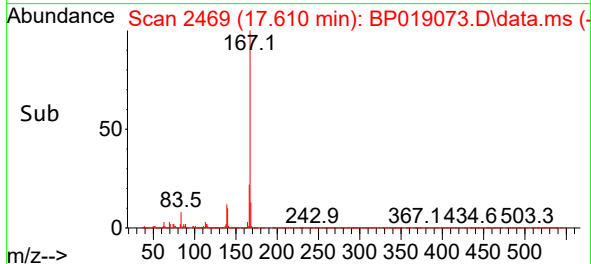
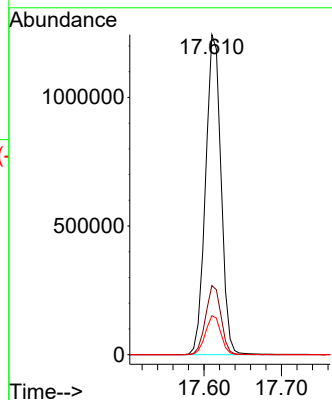
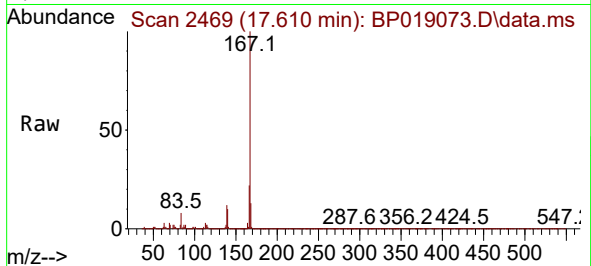




#77
Carbazole
Concen: 33.462 ng/ul
RT: 17.610 min Scan# 2471
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

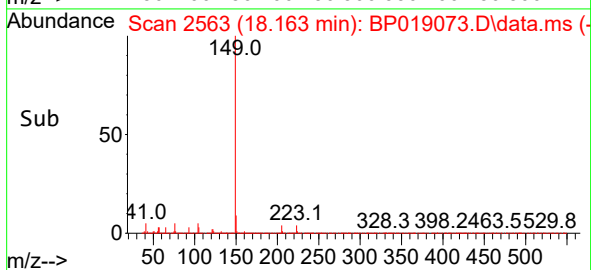
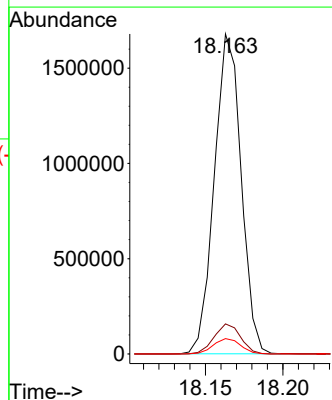
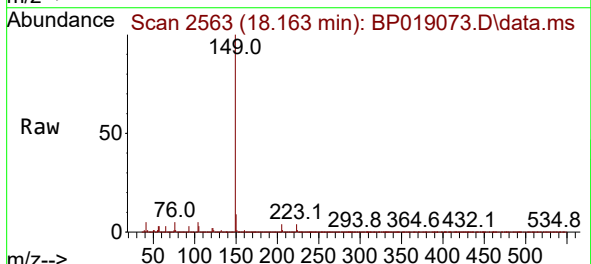
Instrument :
BNA_P
ClientSampleId :
SLCS993

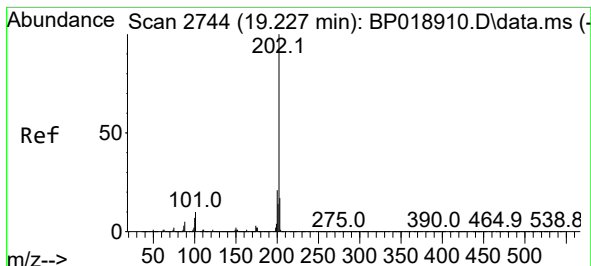
Tgt Ion:167 Resp: 1724603
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 12.2 10.2 15.4



#78
Di-n-butylphthalate
Concen: 29.412 ng/ul
RT: 18.163 min Scan# 2563
Delta R.T. -0.006 min
Lab File: BP019073.D
Acq: 23 Dec 2023 11:17

Tgt Ion:149 Resp: 2018410
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.8 3.9 5.9





#80

Fluoranthene

Concen: 23.195 ng/ul

RT: 19.216 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

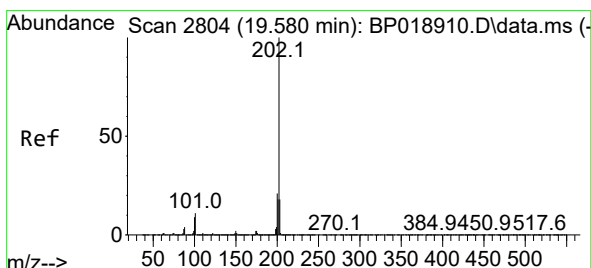
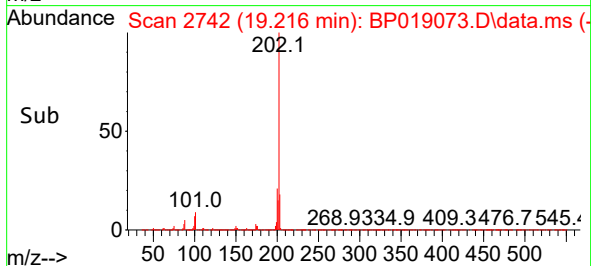
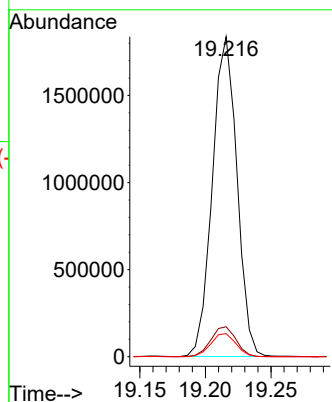
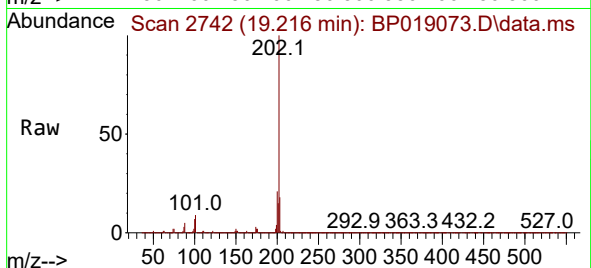
Tgt Ion:202 Resp: 2394461

Ion Ratio Lower Upper

202 100

101 9.4 9.1 13.7

100 7.2 7.1 10.7



#82

Pyrene

Concen: 23.831 ng/ul

RT: 19.569 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

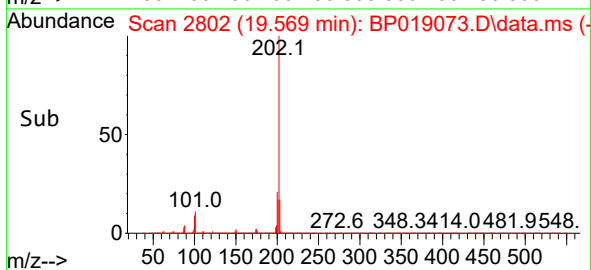
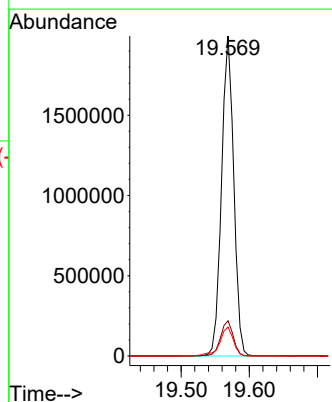
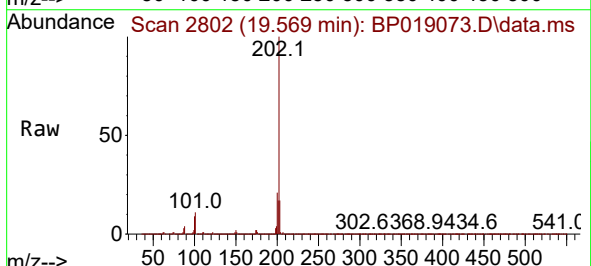
Tgt Ion:202 Resp: 2481793

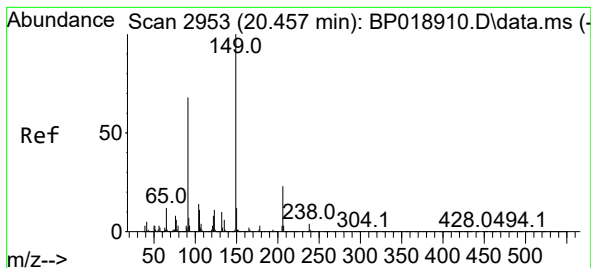
Ion Ratio Lower Upper

202 100

101 11.0 11.0 16.4

100 9.0 9.1 13.7#





#83

Butylbenzylphthalate

Concen: 25.167 ng/ul

RT: 20.445 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

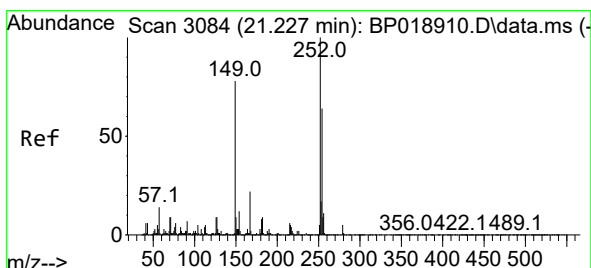
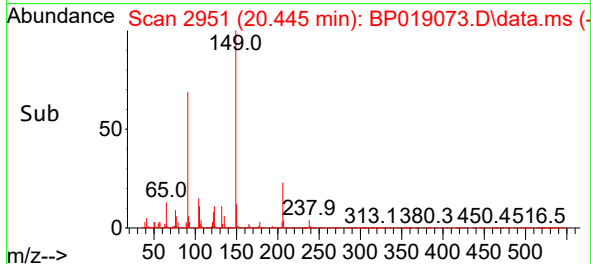
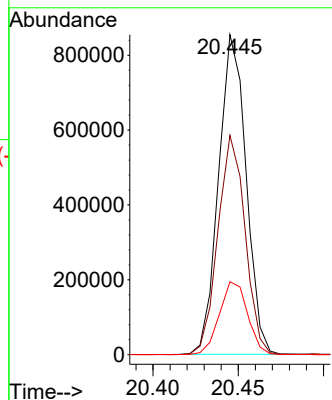
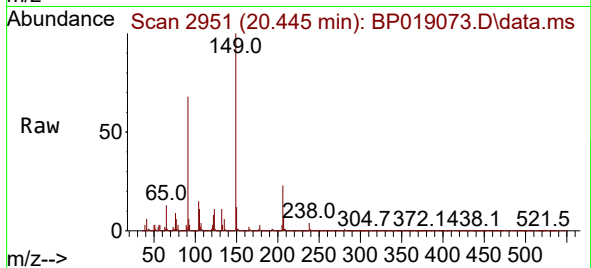
Tgt Ion:149 Resp: 959486

Ion Ratio Lower Upper

149 100

91 68.5 56.6 85.0

206 22.8 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 33.151 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

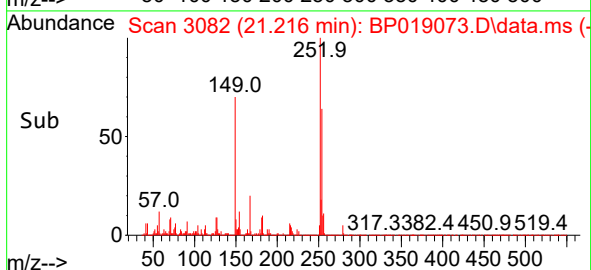
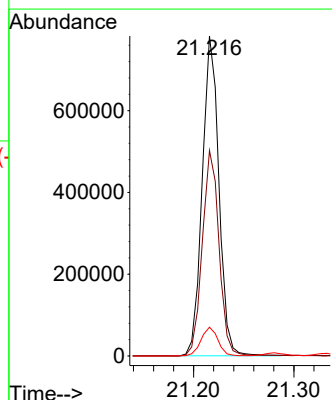
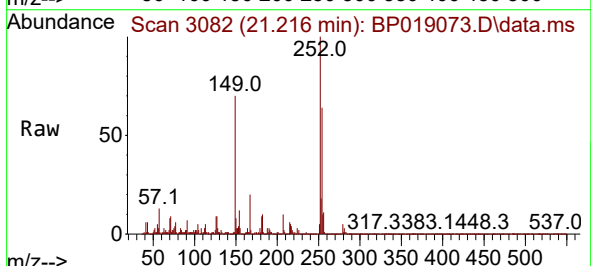
Tgt Ion:252 Resp: 903836

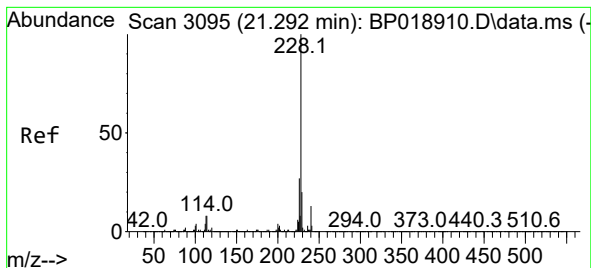
Ion Ratio Lower Upper

252 100

254 64.2 51.0 76.4

126 9.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 29.242 ng/ul

RT: 21.280 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

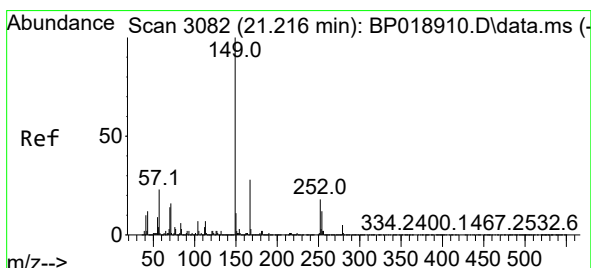
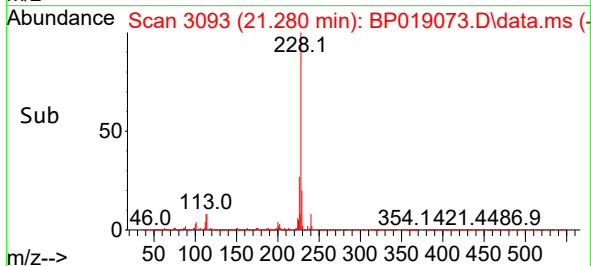
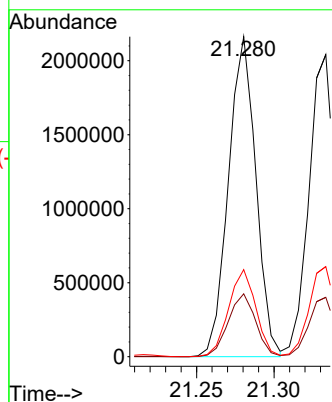
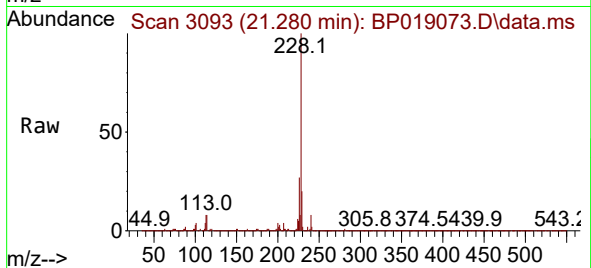
Tgt Ion:228 Resp: 2662887

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 26.747 ng/ul

RT: 21.204 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

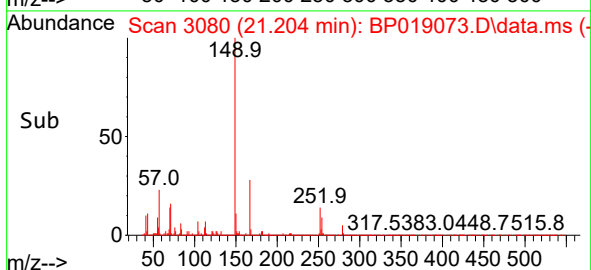
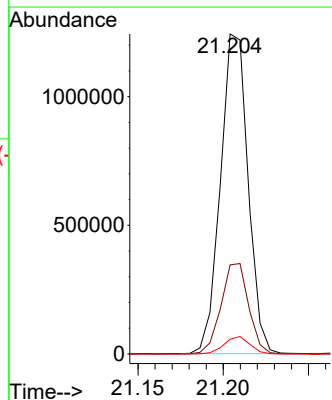
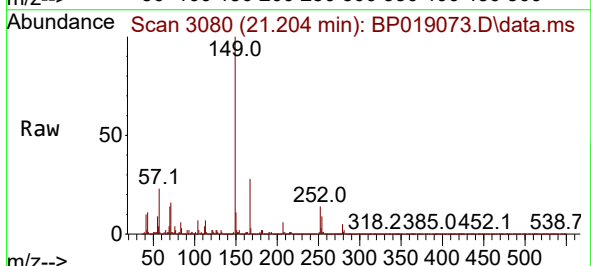
Tgt Ion:149 Resp: 1401565

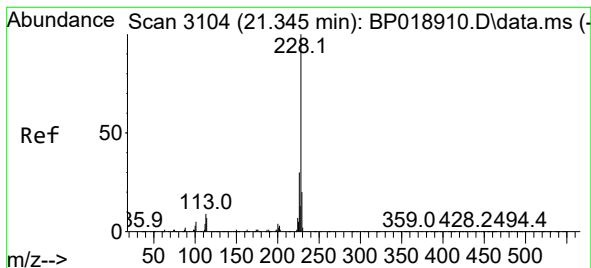
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

279 4.6 3.3 4.9





#87

Chrysene

Concen: 29.268 ng/ul

RT: 21.333 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

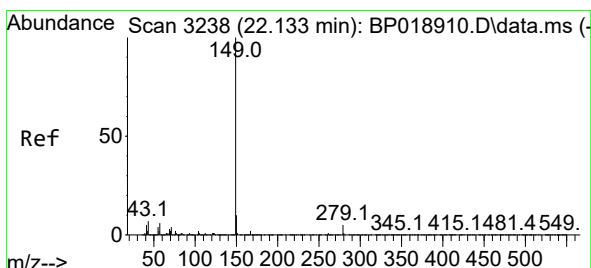
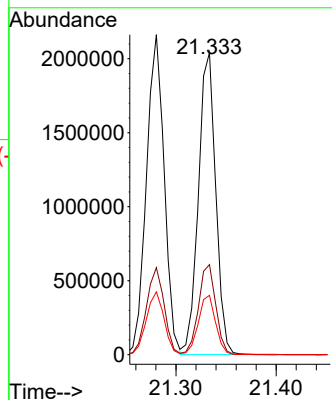
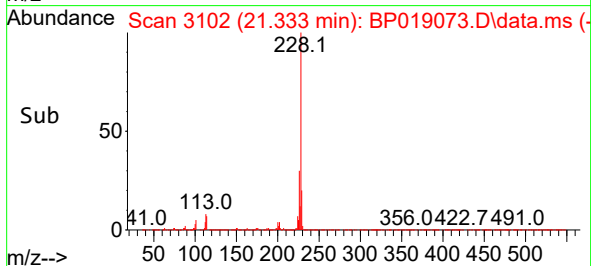
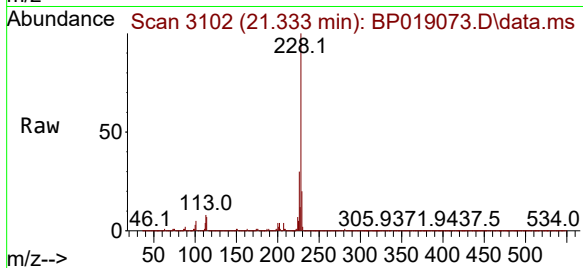
Tgt Ion:228 Resp: 2454439

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.6 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 25.709 ng/ul

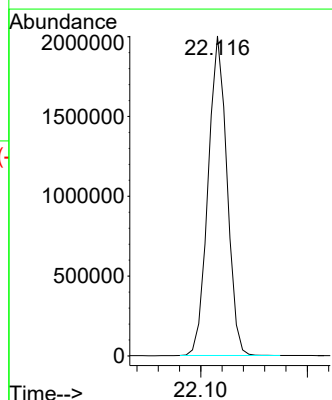
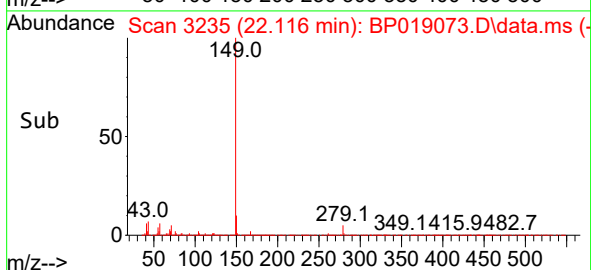
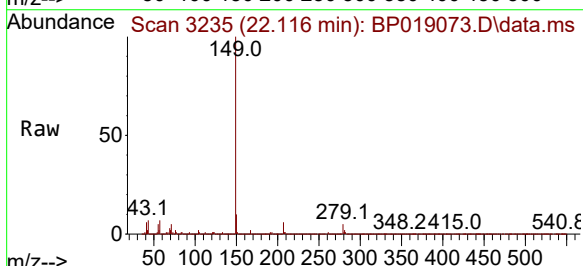
RT: 22.116 min Scan# 3235

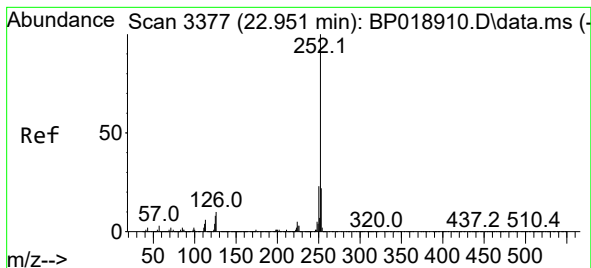
Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Tgt Ion:149 Resp: 2463406





#90

Benzo(b)fluoranthene

Concen: 28.485 ng/ul

RT: 22.933 min Scan# 3377

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

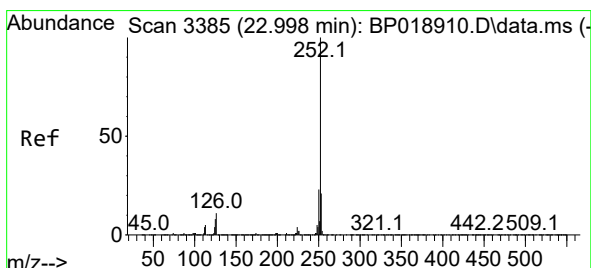
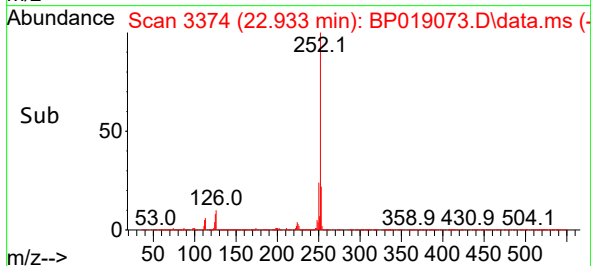
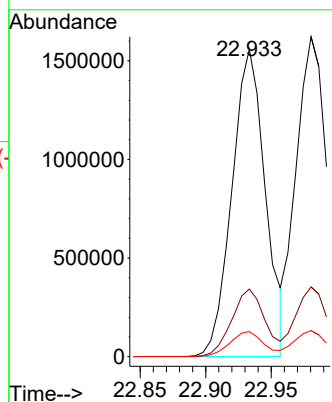
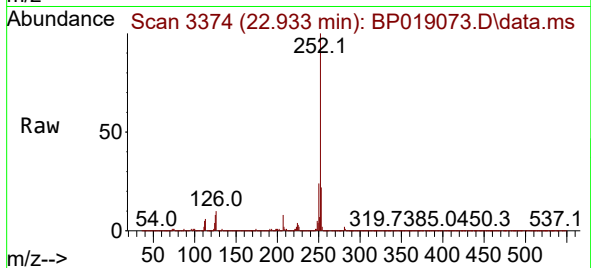
Tgt Ion:252 Resp: 2756293

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 8.2 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 28.524 ng/ul

RT: 22.980 min Scan# 3382

Delta R.T. -0.006 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

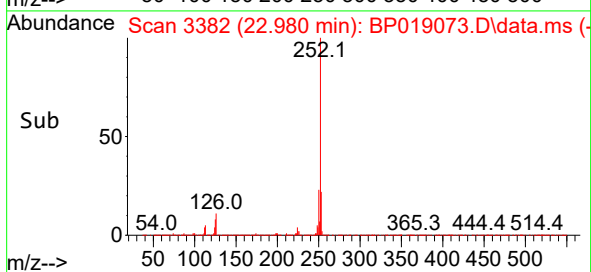
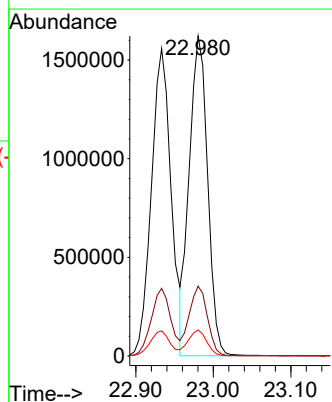
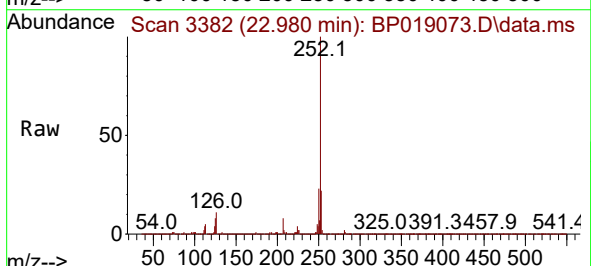
Tgt Ion:252 Resp: 2670529

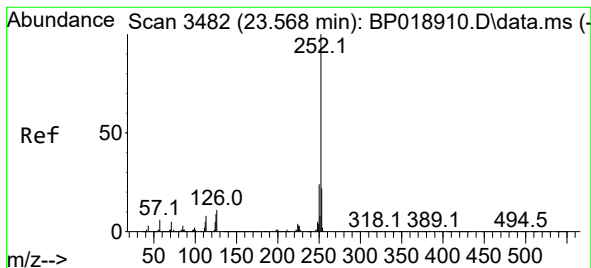
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.1 8.0 12.0





#93

Benzo(a)pyrene

Concen: 29.090 ng/ul

RT: 23.545 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

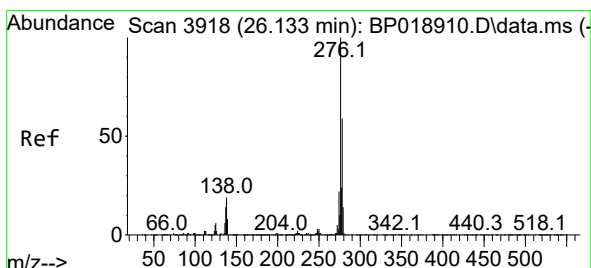
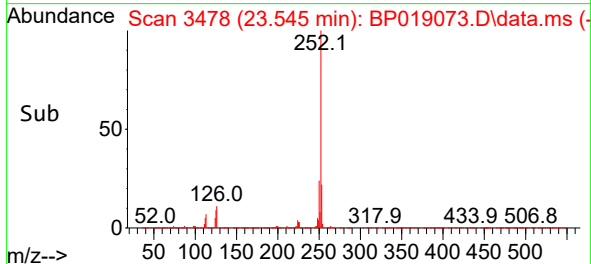
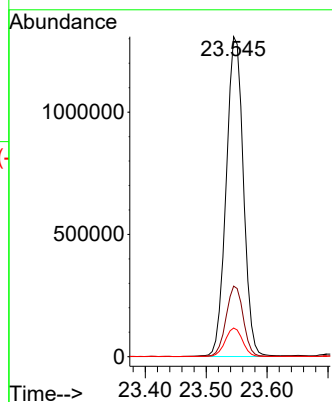
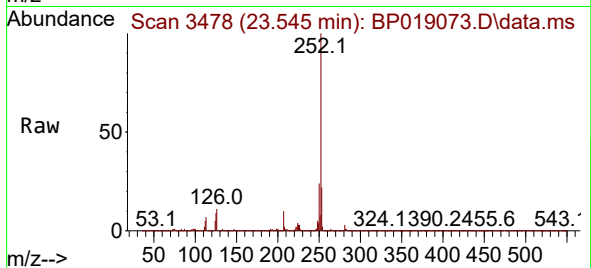
Tgt Ion:252 Resp: 2571951

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.0 9.2 13.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.988 ng/ul

RT: 26.098 min Scan# 3912

Delta R.T. -0.018 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

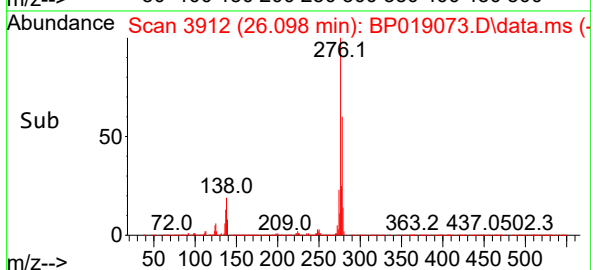
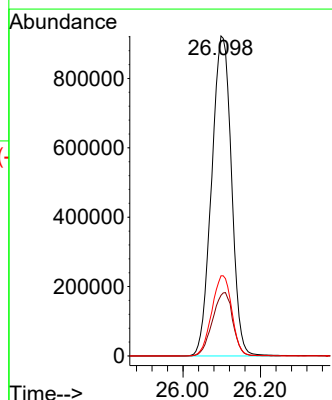
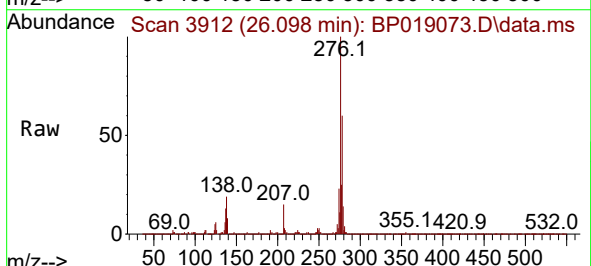
Tgt Ion:276 Resp: 3273496

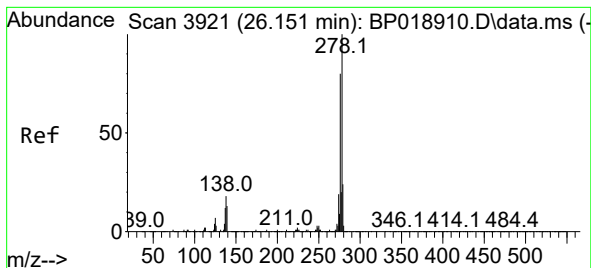
Ion Ratio Lower Upper

276 100

138 18.9 19.4 29.2#

277 25.0 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 30.823 ng/ul

RT: 26.115 min Scan# 3921

Delta R.T. -0.018 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Instrument :

BNA_P

ClientSampleId :

SLCS993

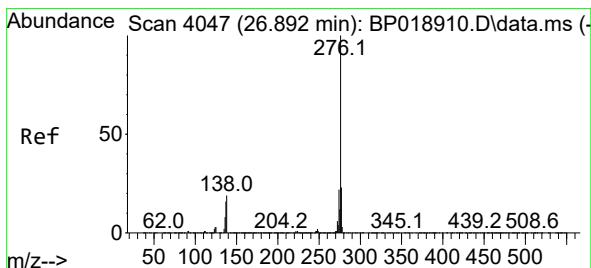
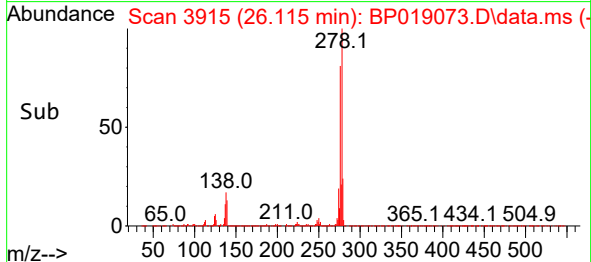
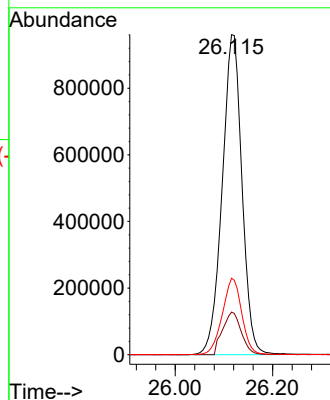
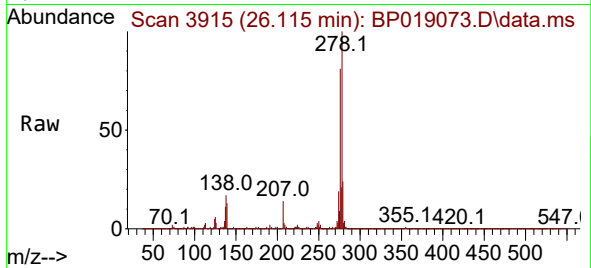
Tgt Ion:278 Resp: 2708569

Ion Ratio Lower Upper

278 100

139 13.3 13.0 19.6

279 23.9 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 30.923 ng/ul

RT: 26.857 min Scan# 4041

Delta R.T. -0.012 min

Lab File: BP019073.D

Acq: 23 Dec 2023 11:17

Tgt Ion:276 Resp: 2628925

Ion Ratio Lower Upper

276 100

138 17.3 18.1 27.1#

277 24.0 19.4 29.0

