

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
 Data File : BP020086.D
 Acq On : 22 Apr 2024 21:50
 Operator : MA/JU
 Sample : PB160221BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS221

Quant Time: Apr 23 01:37:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 01:17:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	101515	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	403207	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	276754	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	603902	20.000	ng/u1	0.01
79) Chrysene-d12	21.668	240	562586	20.000	ng/u1	0.01
88) Perylene-d12	25.056	264	617722	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	18238	7.361	ng/uL	0.00
4) Pyridine-d5	3.628	84	204637	28.061	ng/u1	0.00
7) Phenol-d5	6.828	99	271804	30.721	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	181418	29.336	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	198133	32.799	ng/u1	0.00
15) 4-Methylphenol-d8	8.351	113	207352	30.003	ng/u1	0.00
21) Nitrobenzene-d5	8.798	128	99369	34.261	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	112313	35.824	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	215901	34.714	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	257957	31.069	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	609520	32.226	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	724271	32.128	ng/u1	0.01
54) 4-Nitrophenol-d4	14.569	143	108149	37.562	ng/u1	0.01
60) Fluorene-d10	15.345	176	548069	32.552	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	92653	26.262	ng/u1	0.02
73) Anthracene-d10	17.274	188	862149	31.866	ng/u1	0.01
81) Pyrene-d10	19.674	212	1050728	34.753	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.827	264	970664	32.167	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	27418	9.845	ng/uL	97
5) Pyridine	3.646	79	208094	27.560	ng/u1	97
6) Benzaldehyde	6.810	77	182818	34.565	ng/u1	98
8) Phenol	6.851	94	276584	29.666	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.081	93	214930	28.232	ng/u1	94
12) 2-Chlorophenol	7.210	128	198930	31.252	ng/u1	96
13) 2-Methylphenol	8.087	108	195307	28.584	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.163	45	301615	27.107	ng/u1	99
16) Acetophenone	8.463	105	330273	27.898	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.445	70	186783	27.009	ng/u1	94
18) 4-Methylphenol	8.410	108	214780	29.541	ng/u1	99
19) Hexachloroethane	8.693	117	94322	30.106	ng/u1	98
22) Nitrobenzene	8.840	77	282802	29.920	ng/u1	99
23) Isophorone	9.363	82	508444	28.983	ng/u1	97
25) 2-Nitrophenol	9.540	139	115581	34.612	ng/u1	97
26) 2,4-Dimethylphenol	9.604	107	189559	23.729	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	284990	28.972	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	199720	32.978	ng/u1	98
30) Naphthalene	10.463	128	632911	30.270	ng/u1	100
32) 4-Chloroaniline	10.592	127	251460	30.527	ng/u1	98
33) Hexachlorobutadiene	10.722	225	154825	31.090	ng/u1	98
34) Caprolactam	11.398	113	64966	34.228	ng/u1	95
35) 4-Chloro-3-methylphenol	11.728	107	234996	32.366	ng/u1	100
36) 2-Methylnaphthalene	12.086	142	440222	30.497	ng/u1	98

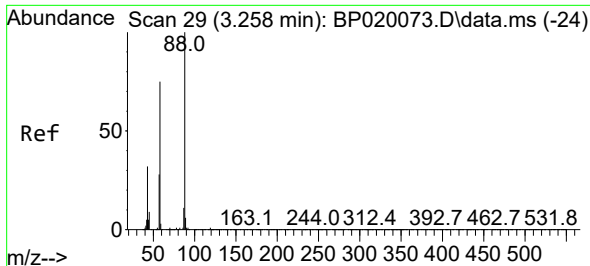
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.316	142	445500	31.078	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	276753	30.685	ng/ul#	95
40) Hexachlorocyclopentadiene	12.422	237	77780	14.969	ng/ul	97
41) 2,4,6-Trichlorophenol	12.716	196	174204	32.235	ng/ul	97
42) 2,4,5-Trichlorophenol	12.798	196	184696	32.878	ng/ul	97
43) 1,1'-Biphenyl	13.122	154	587878	29.629	ng/ul	100
44) 2-Chloronaphthalene	13.175	162	468473	29.555	ng/ul	98
45) 2-Nitroaniline	13.398	65	178360	34.635	ng/ul	93
47) Dimethylphthalate	13.775	163	593697	30.569	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	121011	33.019	ng/ul	99
50) Acenaphthylene	14.033	152	739874	29.116	ng/ul	99
51) 3-Nitroaniline	14.257	138	128811	37.134	ng/ul	95
52) Acenaphthene	14.386	153	494884	29.544	ng/ul	100
53) 2,4-Dinitrophenol	14.486	184	53132	24.109	ng/ul	95
55) 4-Nitrophenol	14.586	109	107369	32.731	ng/ul	99
56) Dibenzofuran	14.733	168	703954	30.439	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	184118	35.488	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.975	232	170981	35.147	ng/ul#	98
59) Diethylphthalate	15.186	149	605158	31.029	ng/ul	98
61) Fluorene	15.404	166	588767	30.812	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	306388	29.511	ng/ul	97
63) 4-Nitroaniline	15.457	138	128422	41.697	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.516	198	91807	25.036	ng/ul	99
67) N-Nitrosodiphenylamine	15.633	169	504157	30.181	ng/ul	98
68) 4-Bromophenyl-phenylether	16.333	248	200001	30.197	ng/ul	97
69) Hexachlorobenzene	16.433	284	229474	32.006	ng/ul	95
70) Atrazine	16.633	200	191200	31.169	ng/ul	98
71) Pentachlorophenol	16.804	266	140153	32.252	ng/ul	99
72) Phenanthrene	17.216	178	942451	30.056	ng/ul	100
74) Anthracene	17.310	178	946171	29.586	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	273001	28.514	ng/uL	97
76) Pentachlorobenzene	14.645	250	261414	29.015	ng/uL	98
77) Carbazole	17.604	167	874704	31.919	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1086065	32.849	ng/ul	99
80) Fluoranthene	19.327	202	1164421	32.758	ng/ul	99
82) Pyrene	19.704	202	1217383	32.919	ng/ul	99
83) Butylbenzylphthalate	20.680	149	493657	35.010	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.574	252	363024	29.182	ng/ul	99
85) Benzo(a)anthracene	21.651	228	1208111	31.045	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	704799	32.424	ng/ul	98
87) Chrysene	21.715	228	1107637	30.224	ng/ul	99
89) Di-n-octyl phthalate	22.915	149	1244940	32.609	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	1192583	32.034	ng/ul	99
91) Benzo(k)fluoranthene	24.056	252	1132266	29.666	ng/ul	100
93) Benzo(a)pyrene	24.909	252	960816	26.782	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.933	276	1179730	28.359	ng/ul	99
95) Dibenzo(a,h)anthracene	29.009	278	1081442	31.906	ng/ul	99
96) Benzo(g,h,i)perylene	30.121	276	1009932	30.353	ng/ul	98

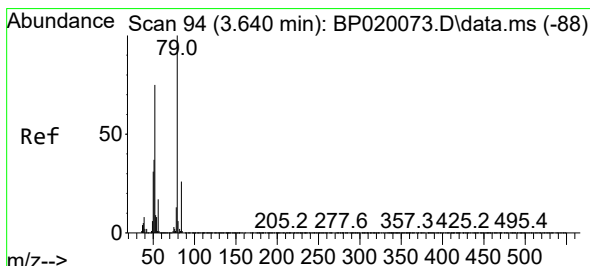
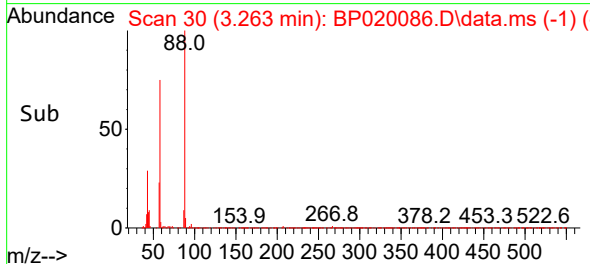
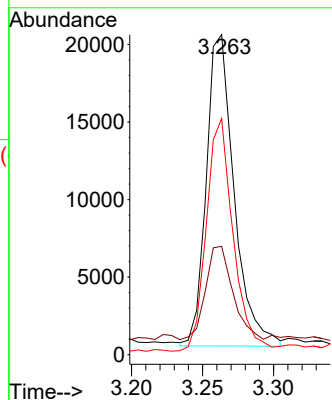
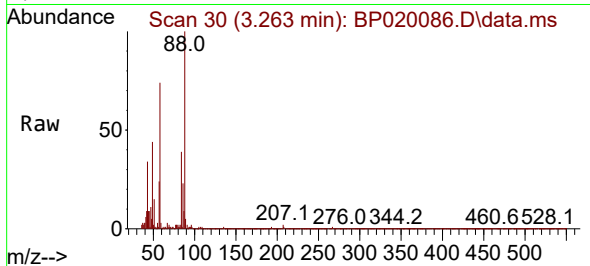
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#2
1,4-Dioxane
Concen: 9.845 ng/uL
RT: 3.263 min Scan# 30
Delta R.T. -0.001 min
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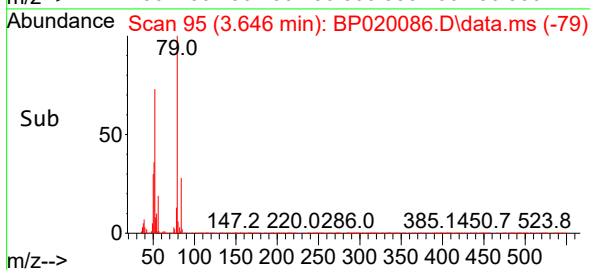
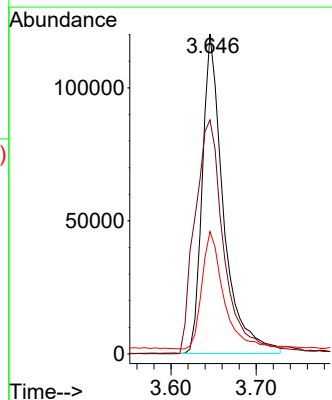
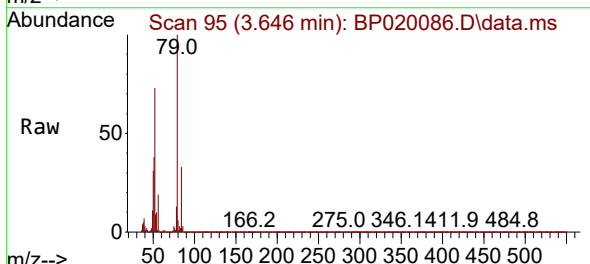
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ClientSampleId :
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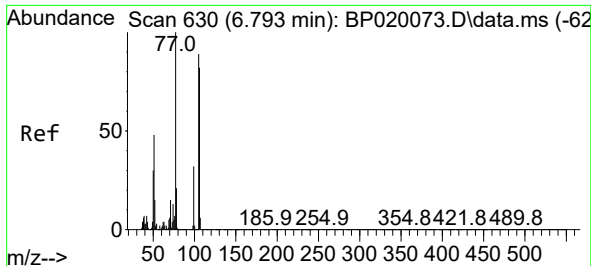
Tgt Ion: 88 Resp: 27418
Ion Ratio Lower Upper
88 100
43 33.9 26.6 40.0
58 73.8 61.4 92.2



#5
Pyridine
Concen: 27.560 ng/uL
RT: 3.646 min Scan# 95
Delta R.T. -0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion: 79 Resp: 208094
Ion Ratio Lower Upper
79 100
52 73.2 61.0 91.4
51 38.3 31.5 47.3

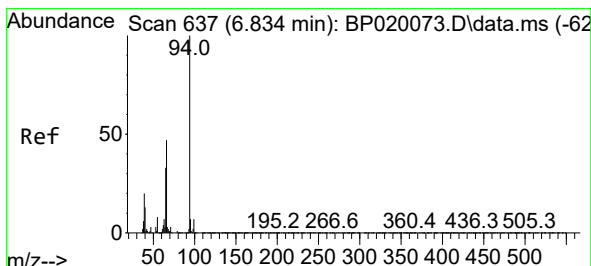
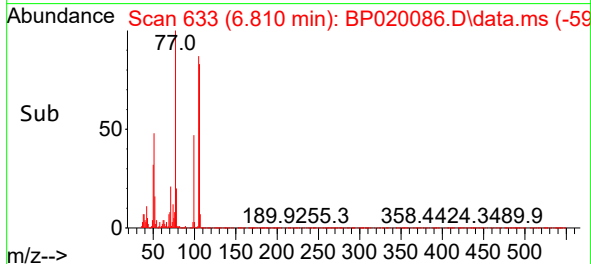
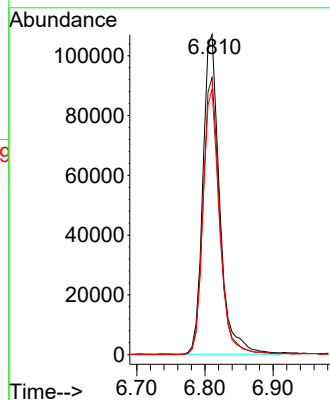
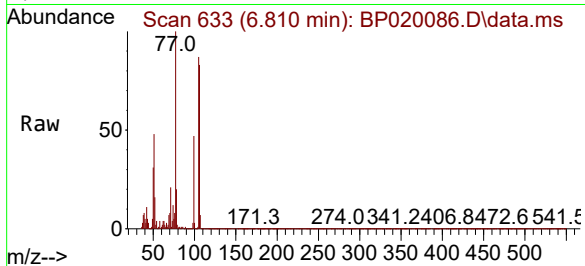




#6
Benzaldehyde
Concen: 34.565 ng/ul
RT: 6.810 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

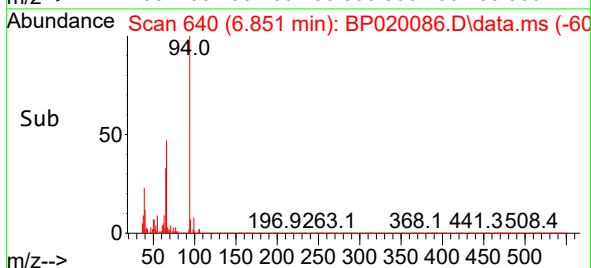
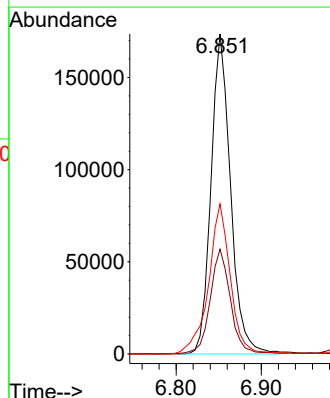
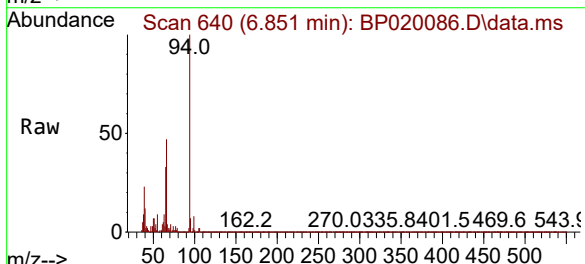
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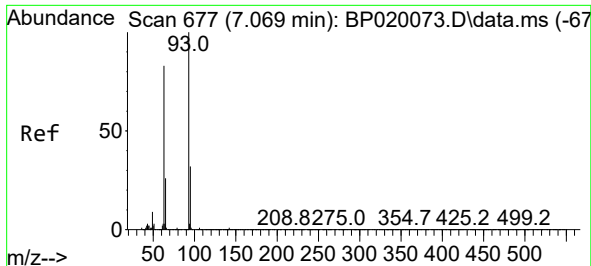
Tgt Ion: 77 Resp: 182818
Ion Ratio Lower Upper
77 100
105 86.6 68.7 103.1
106 82.9 63.7 95.5



#8
Phenol
Concen: 29.666 ng/ul
RT: 6.851 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion: 94 Resp: 276584
Ion Ratio Lower Upper
94 100
65 32.7 27.8 41.6
66 46.9 40.0 60.0

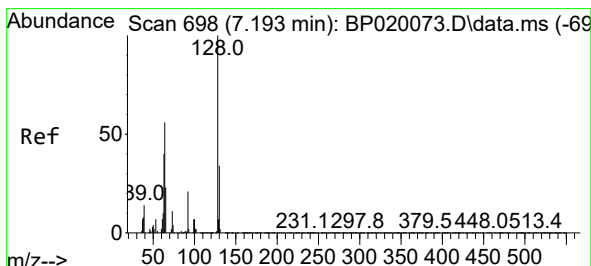
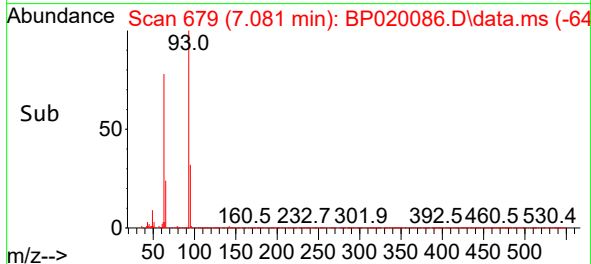
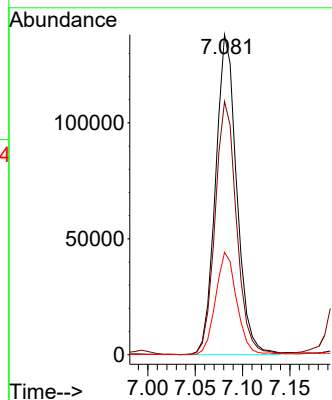
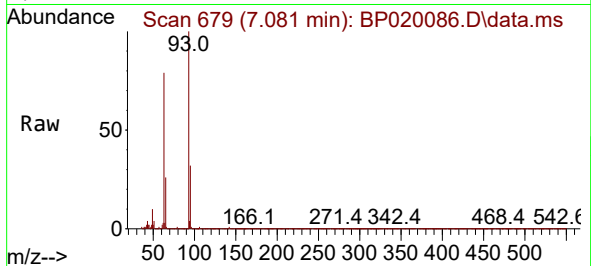




#10
Bis(2-Chloroethyl)ether
Concen: 28.232 ng/ul
RT: 7.081 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

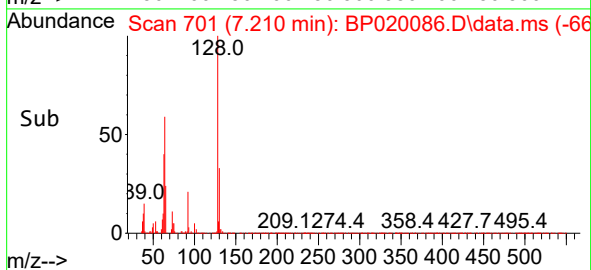
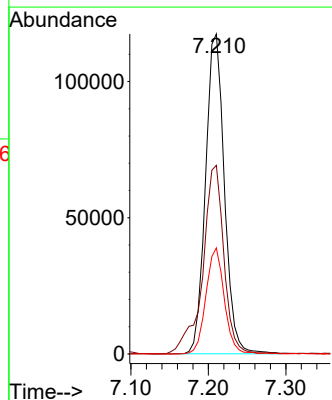
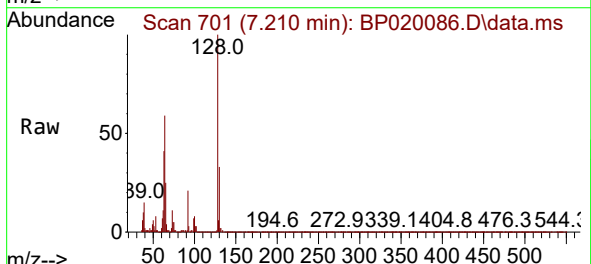
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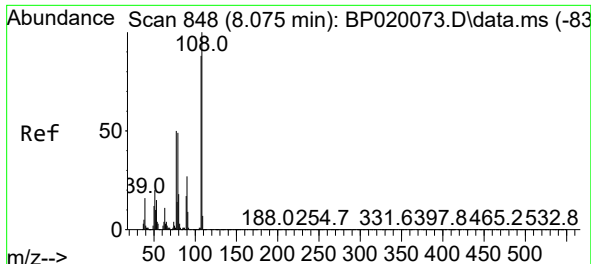
Tgt Ion: 93 Resp: 214930
Ion Ratio Lower Upper
93 100
63 79.1 68.6 102.8
95 32.0 26.6 39.8



#12
2-Chlorophenol
Concen: 31.252 ng/ul
RT: 7.210 min Scan# 701
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:128 Resp: 198930
Ion Ratio Lower Upper
128 100
64 58.9 51.4 77.0
130 33.1 26.5 39.7

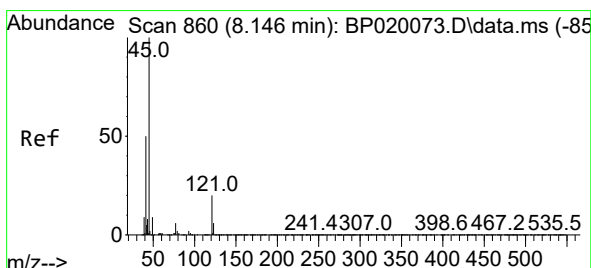
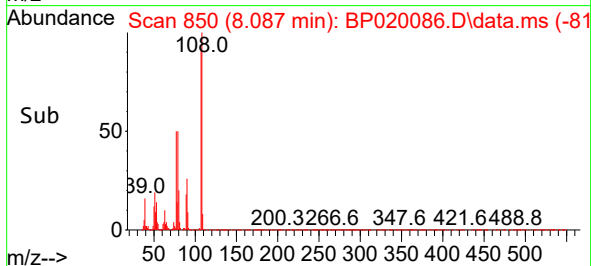
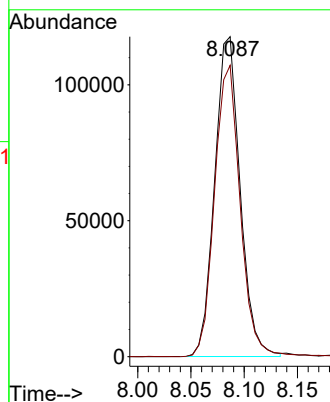
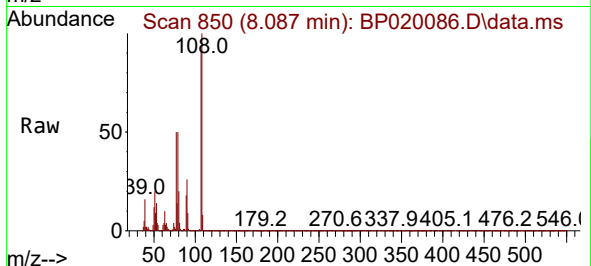




#13
2-Methylphenol
Concen: 28.584 ng/ul
RT: 8.087 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

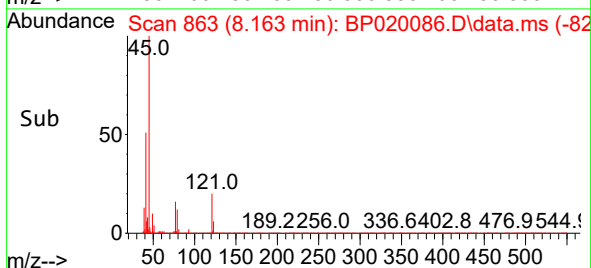
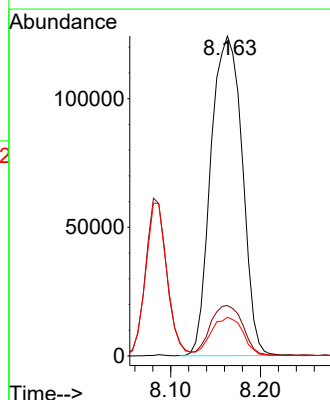
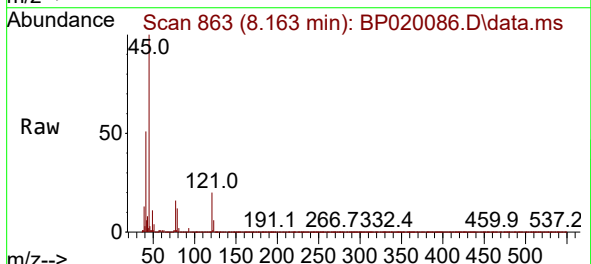
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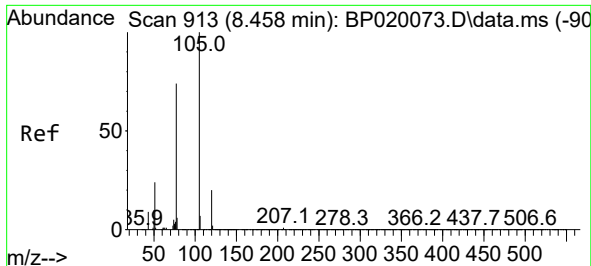
Tgt Ion:108 Resp: 195307
Ion Ratio Lower Upper
108 100
107 91.1 67.3 100.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.107 ng/ul
RT: 8.163 min Scan# 863
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion: 45 Resp: 301615
Ion Ratio Lower Upper
45 100
77 15.7 12.6 18.8
79 12.1 8.8 13.2

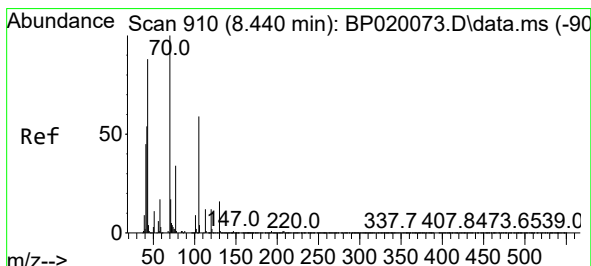
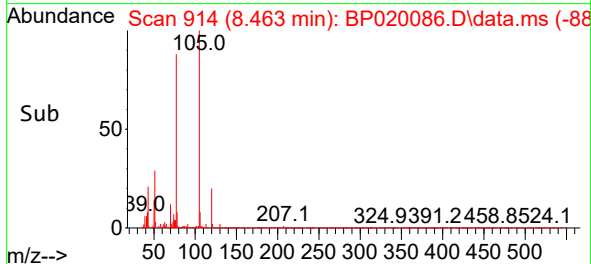
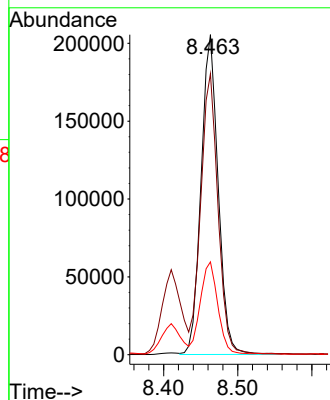
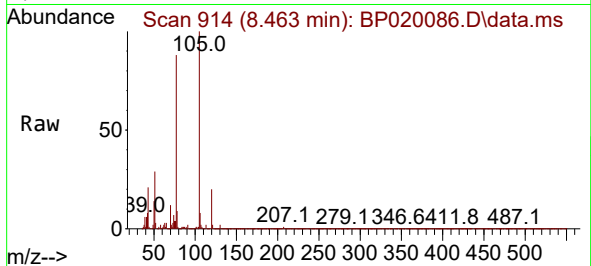




#16
Acetophenone
Concen: 27.898 ng/ul
RT: 8.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

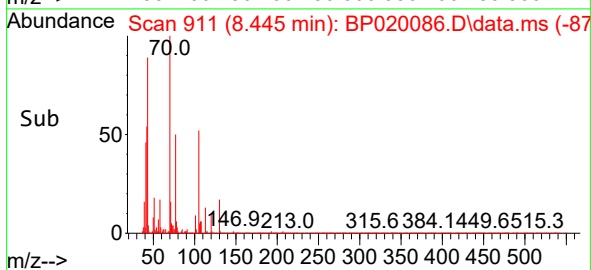
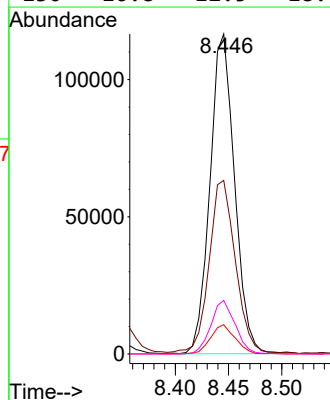
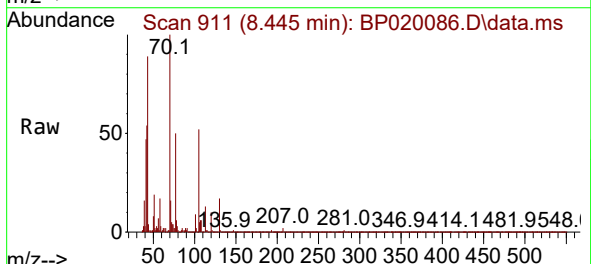
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ClientSampleId :
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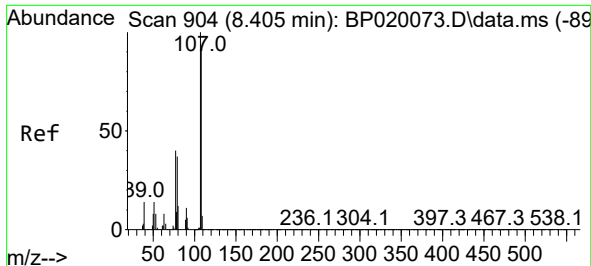
Tgt Ion:105 Resp: 330273
Ion Ratio Lower Upper
105 100
77 87.8 70.3 105.5
51 29.0 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 27.009 ng/ul
RT: 8.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion: 70 Resp: 186783
Ion Ratio Lower Upper
70 100
42 54.3 47.8 71.6
101 9.1 6.5 9.7
130 16.8 12.5 18.7

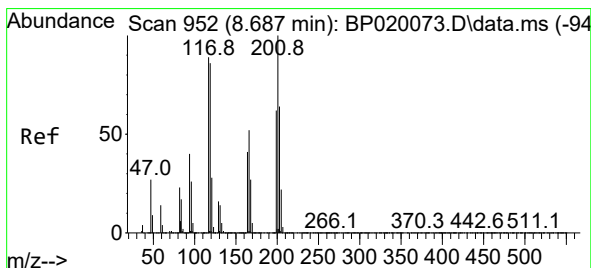
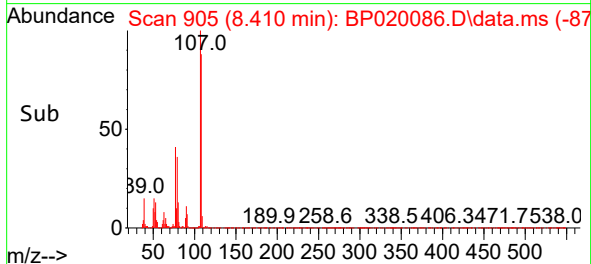
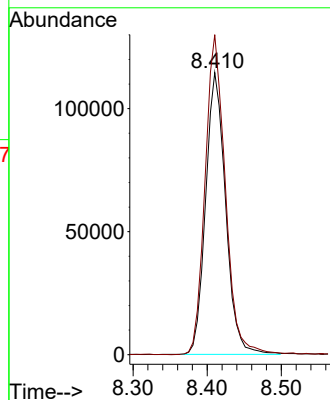
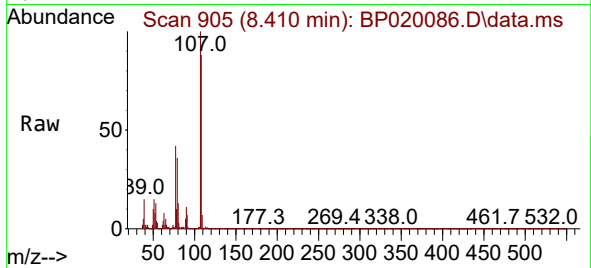




#18
4-Methylphenol
Concen: 29.541 ng/ul
RT: 8.410 min Scan# 904
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

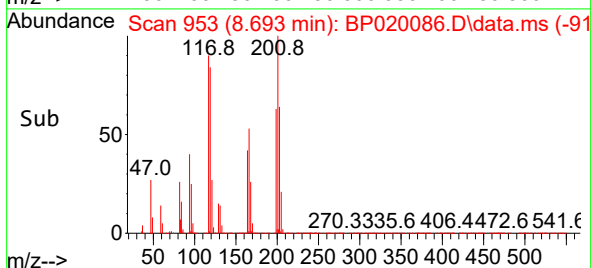
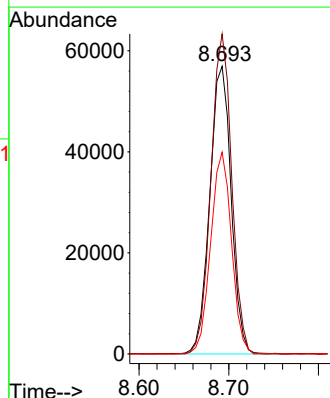
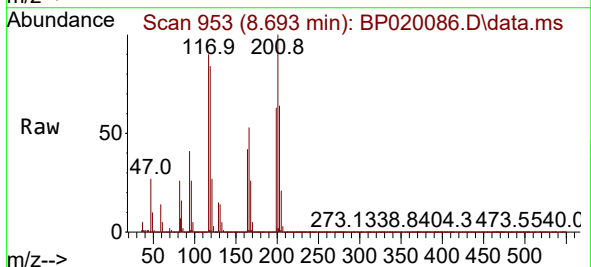
Instrument :
BNA_P
ClientSampleId :
SLCS221

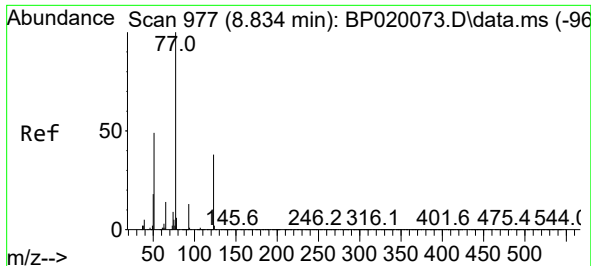
Tgt Ion:108 Resp: 214780
Ion Ratio Lower Upper
108 100
107 113.5 91.5 137.3



#19
Hexachloroethane
Concen: 30.106 ng/ul
RT: 8.693 min Scan# 953
Delta R.T. -0.000 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:117 Resp: 94322
Ion Ratio Lower Upper
117 100
201 111.2 87.8 131.6
199 70.1 55.0 82.6

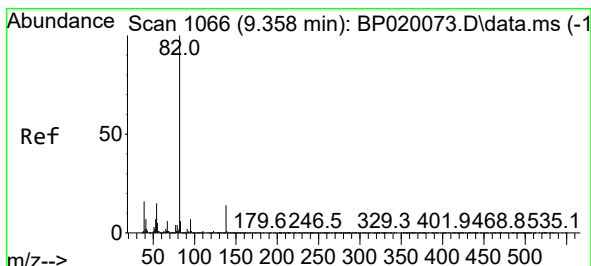
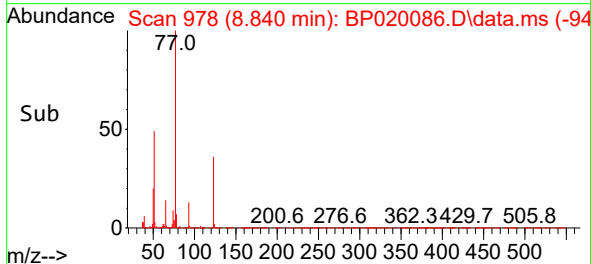
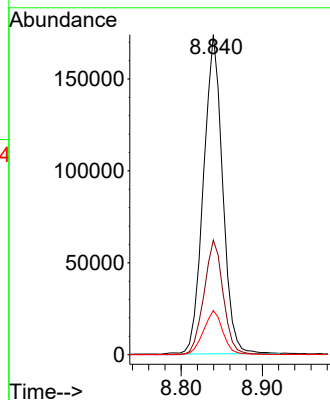
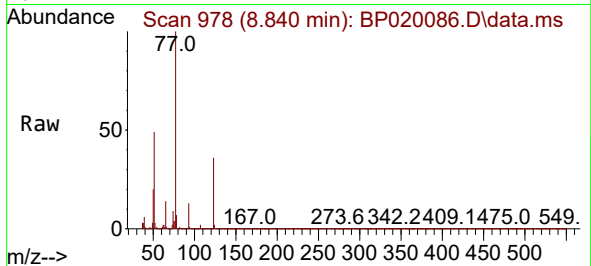




#22
Nitrobenzene
Concen: 29.920 ng/ul
RT: 8.840 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

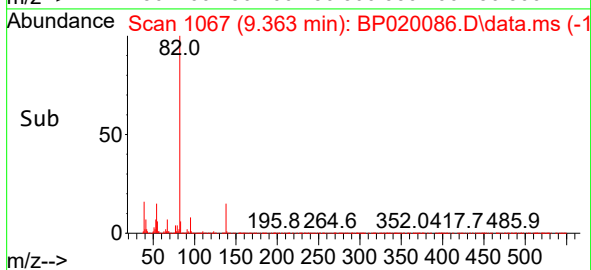
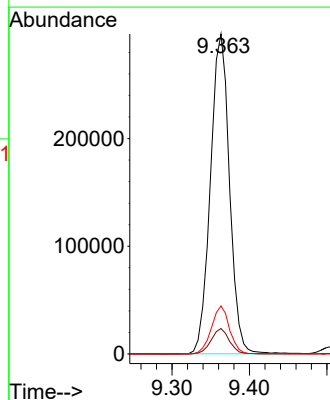
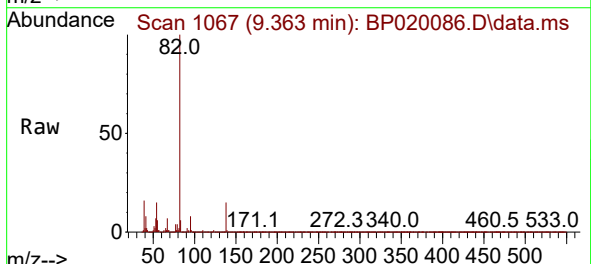
Instrument :
BNA_P
ClientSampleId :
SLCS221

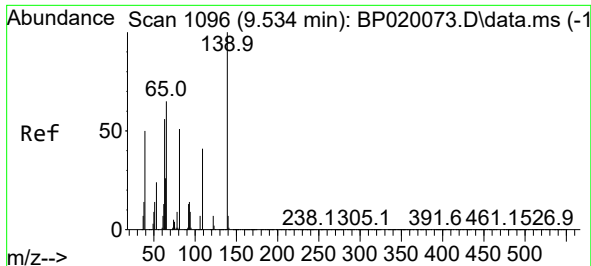
Tgt Ion: 77 Resp: 282802
Ion Ratio Lower Upper
77 100
123 35.8 28.5 42.7
65 13.8 11.7 17.5



#23
Isophorone
Concen: 28.983 ng/ul
RT: 9.363 min Scan# 1067
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion: 82 Resp: 508444
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 15.0 10.9 16.3

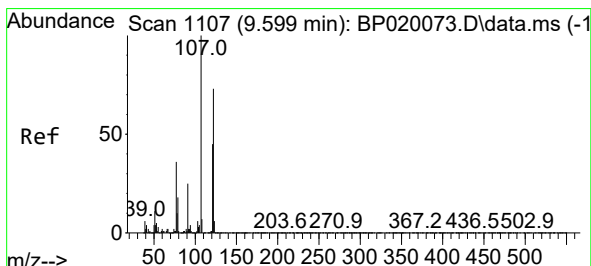
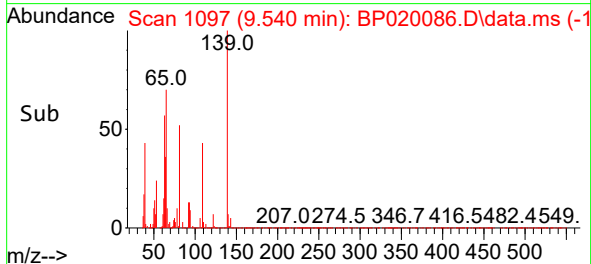
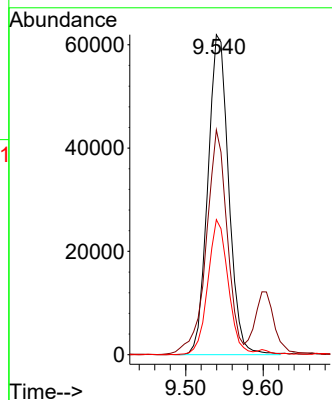
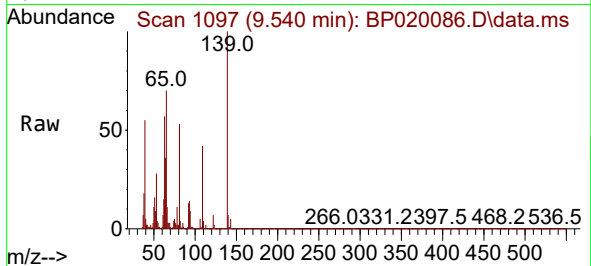




#25
2-Nitrophenol
Concen: 34.612 ng/ul
RT: 9.540 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

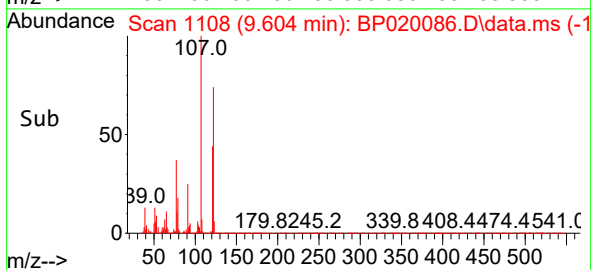
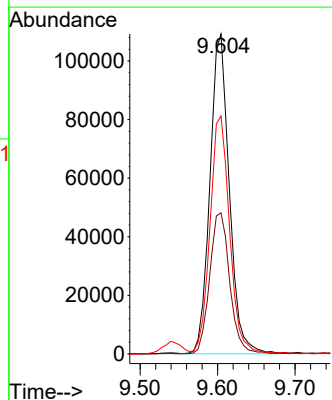
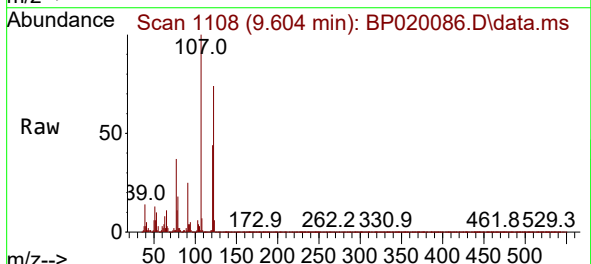
Instrument :
BNA_P
ClientSampleId :
SLCS221

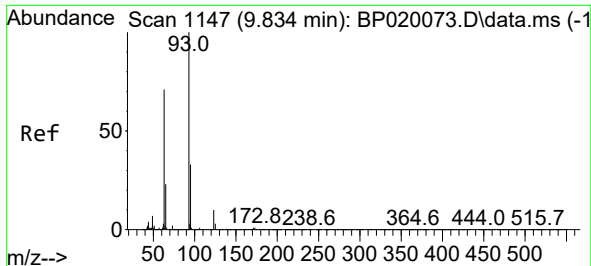
Tgt Ion:139 Resp: 115581
Ion Ratio Lower Upper
139 100
65 70.2 58.6 87.8
109 42.2 34.8 52.2



#26
2,4-Dimethylphenol
Concen: 23.729 ng/ul
RT: 9.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:107 Resp: 189559
Ion Ratio Lower Upper
107 100
121 44.1 34.0 51.0
122 74.4 58.9 88.3





#27

Bis(2-Chloroethoxy)methane

Concen: 28.972 ng/ul

RT: 9.840 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

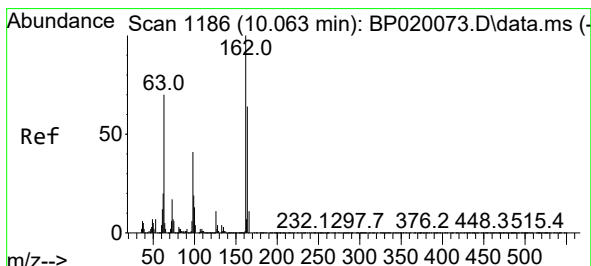
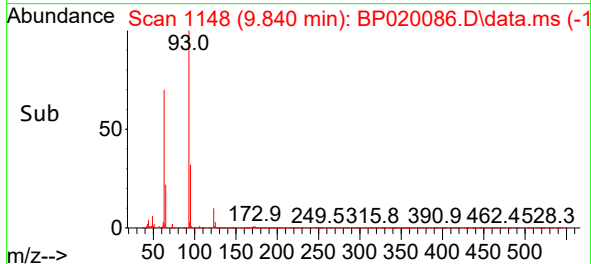
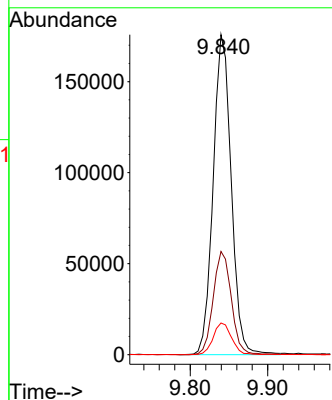
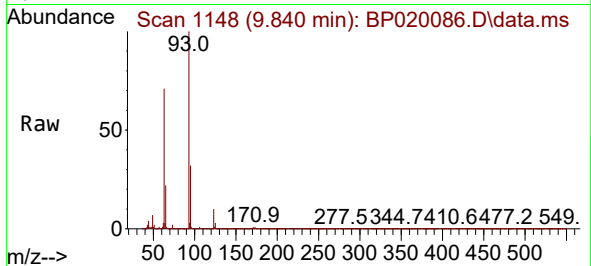
Tgt Ion: 93 Resp: 284990

Ion Ratio Lower Upper

93 100

95 32.3 25.4 38.0

123 9.9 7.5 11.3



#29

2,4-Dichlorophenol

Concen: 32.978 ng/ul

RT: 10.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

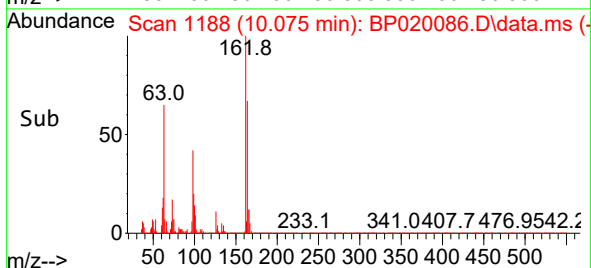
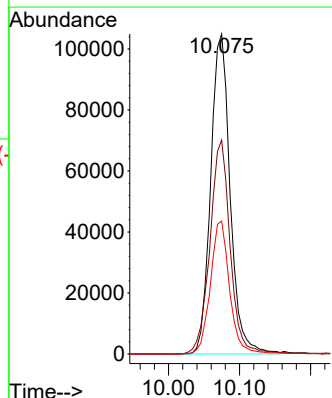
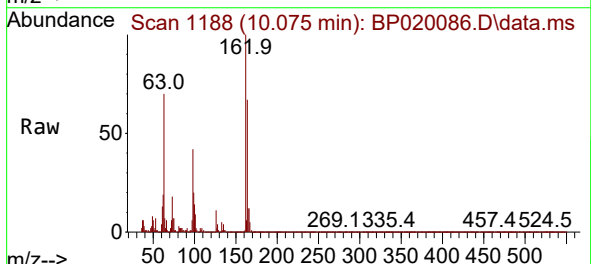
Tgt Ion:162 Resp: 199720

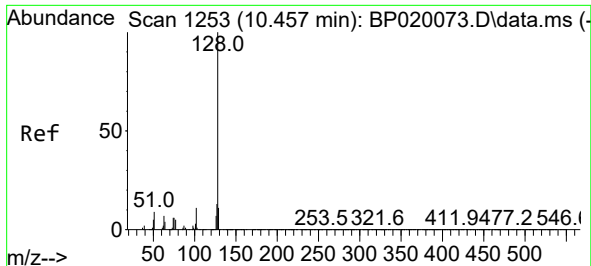
Ion Ratio Lower Upper

162 100

164 66.9 51.7 77.5

98 41.6 32.8 49.2

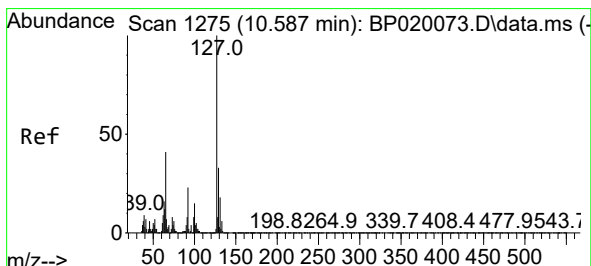
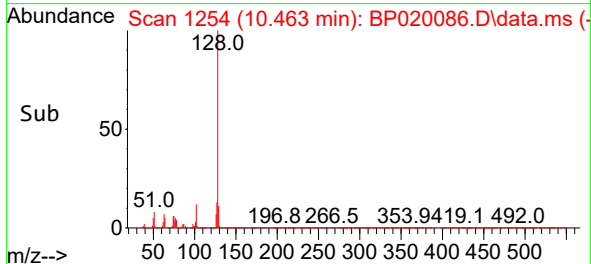
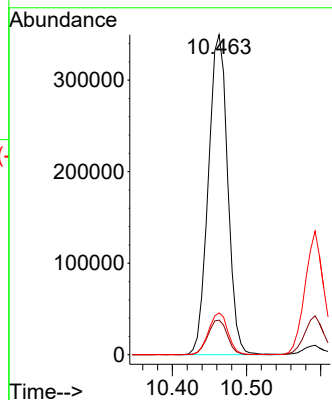
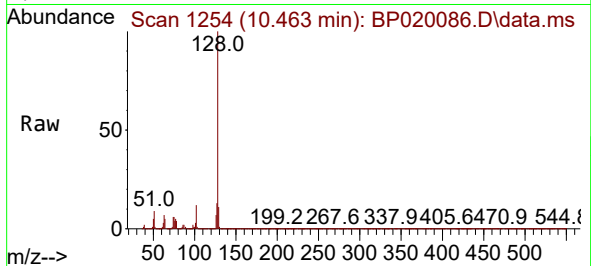




#30
Naphthalene
Concen: 30.270 ng/ul
RT: 10.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

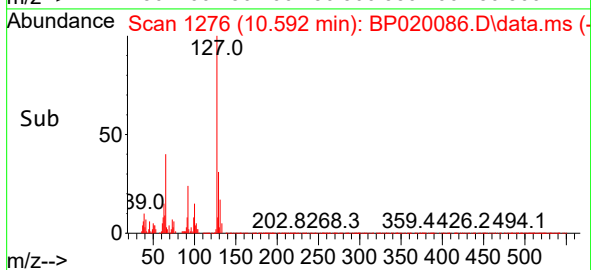
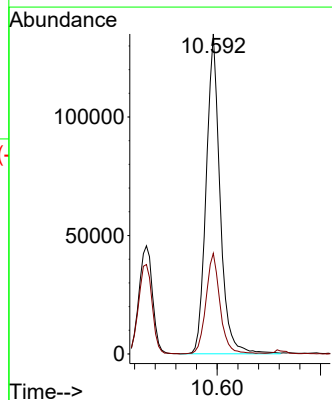
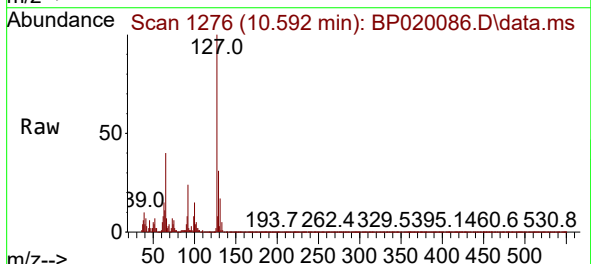
Instrument :
BNA_P
ClientSampleId :
SLCS221

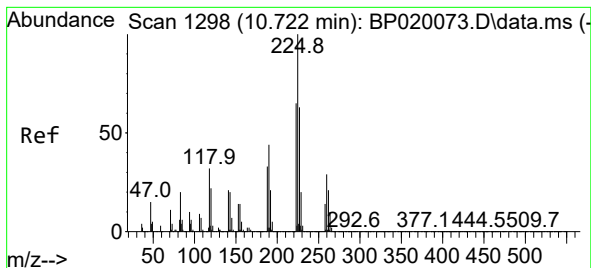
Tgt Ion:128 Resp: 632911
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.5 15.7



#32
4-Chloroaniline
Concen: 30.527 ng/ul
RT: 10.592 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:127 Resp: 251460
Ion Ratio Lower Upper
127 100
129 31.4 25.9 38.9





#33

Hexachlorobutadiene

Concen: 31.090 ng/ul

RT: 10.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

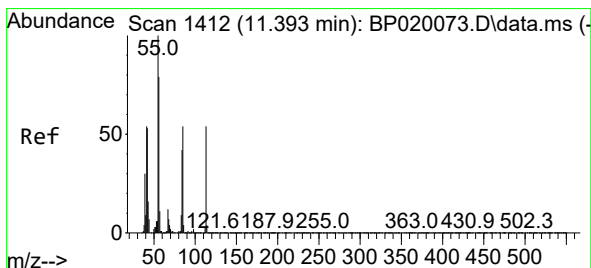
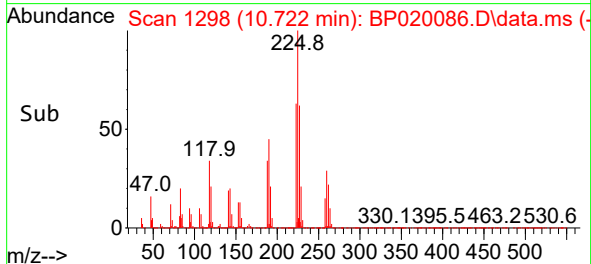
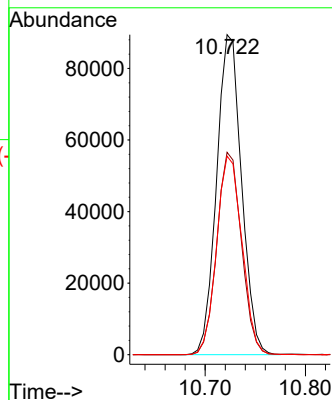
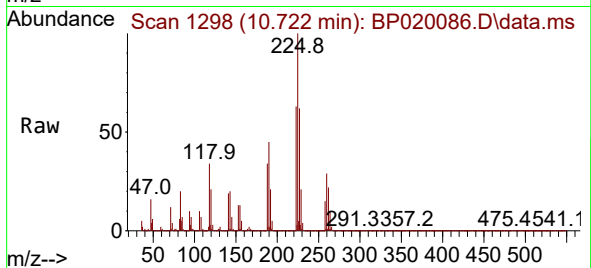
Tgt Ion:225 Resp: 154825

Ion Ratio Lower Upper

225 100

223 63.3 50.5 75.7

227 62.1 52.2 78.4



#34

Caprolactam

Concen: 34.228 ng/ul

RT: 11.398 min Scan# 1413

Delta R.T. -0.000 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

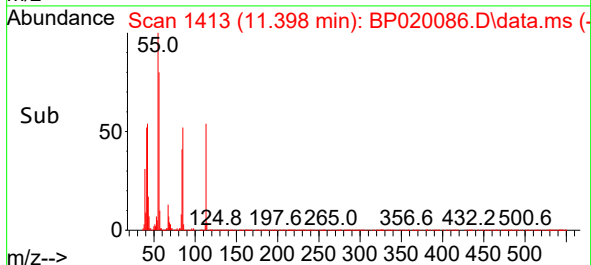
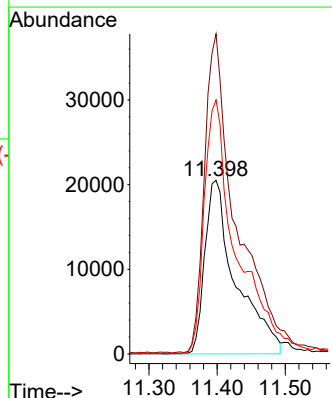
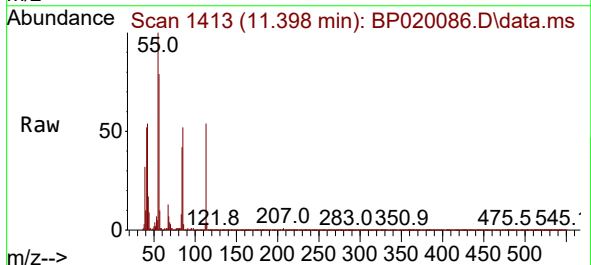
Tgt Ion:113 Resp: 64966

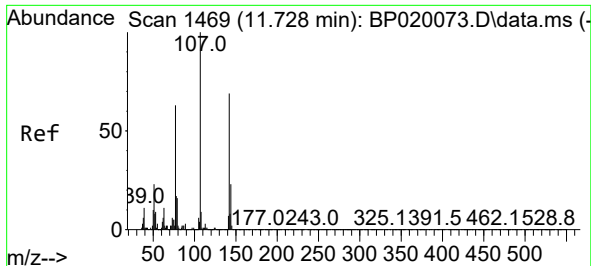
Ion Ratio Lower Upper

113 100

55 184.4 140.5 210.7

56 146.3 113.8 170.6

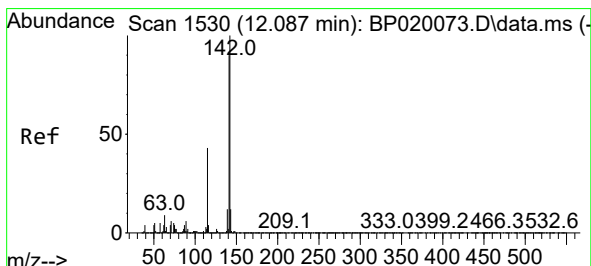
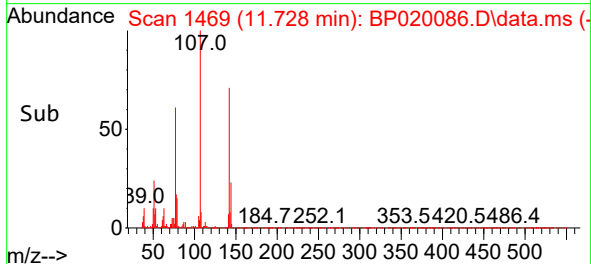
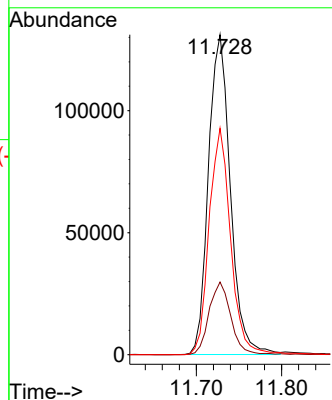
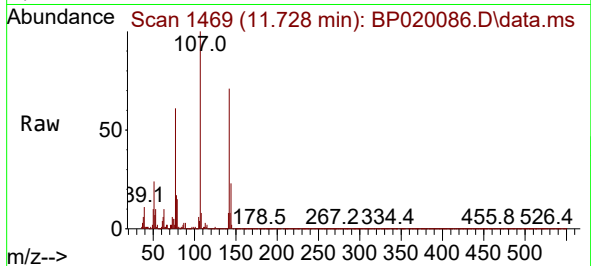




#35
4-Chloro-3-methylphenol
Concen: 32.366 ng/ul
RT: 11.728 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

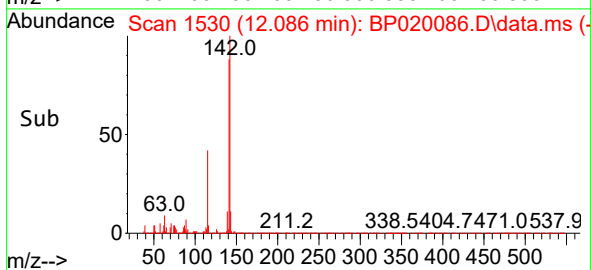
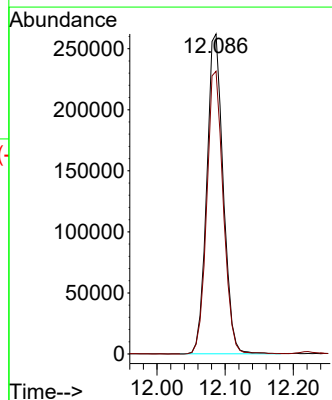
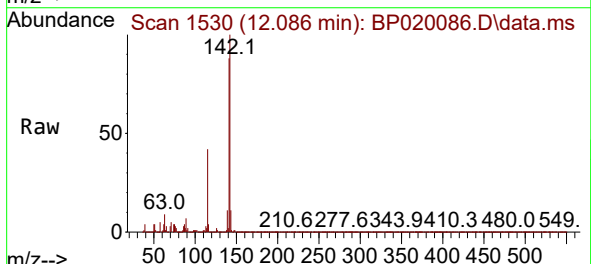
Instrument :
BNA_P
ClientSampleId :
SLCS221

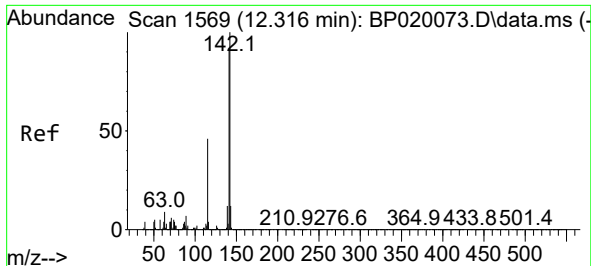
Tgt Ion:107 Resp: 234996
Ion Ratio Lower Upper
107 100
144 22.7 18.0 27.0
142 70.7 56.3 84.5



#36
2-Methylnaphthalene
Concen: 30.497 ng/ul
RT: 12.086 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:142 Resp: 440222
Ion Ratio Lower Upper
142 100
141 88.4 72.1 108.1





#37

1-Methylnaphthalene

Concen: 31.078 ng/ul

RT: 12.316 min Scan# 1569

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

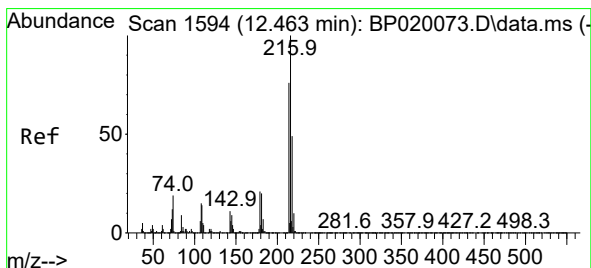
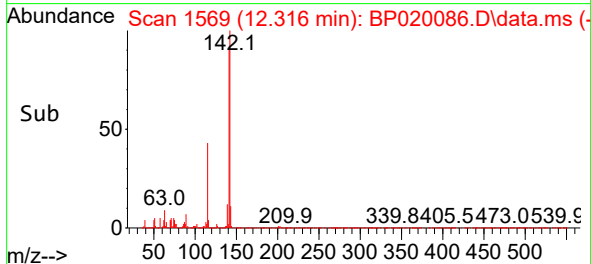
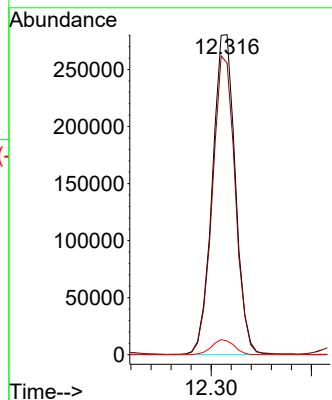
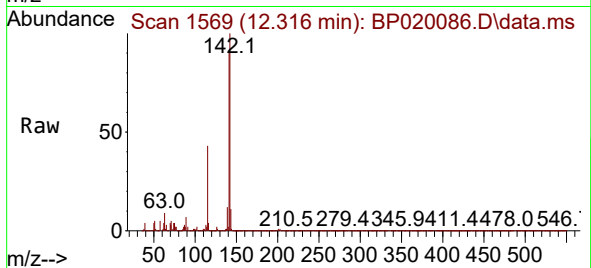
Tgt Ion:142 Resp: 445500

Ion Ratio Lower Upper

142 100

141 91.1 72.8 109.2

116 4.3 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.685 ng/ul

RT: 12.457 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Tgt Ion:216 Resp: 276753

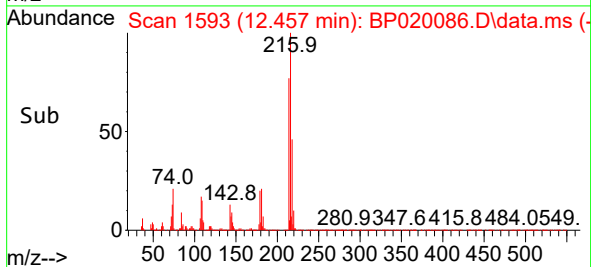
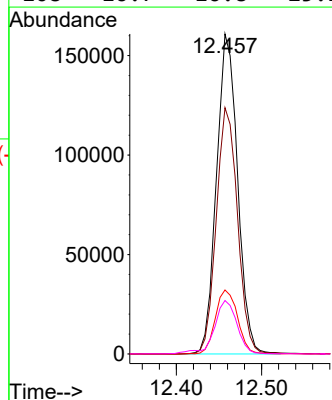
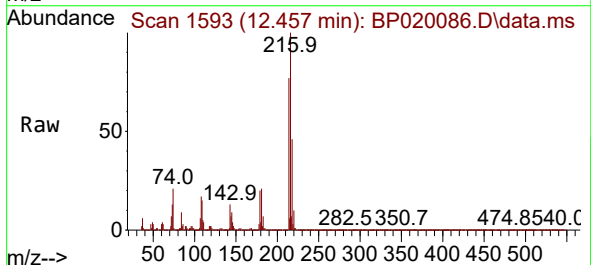
Ion Ratio Lower Upper

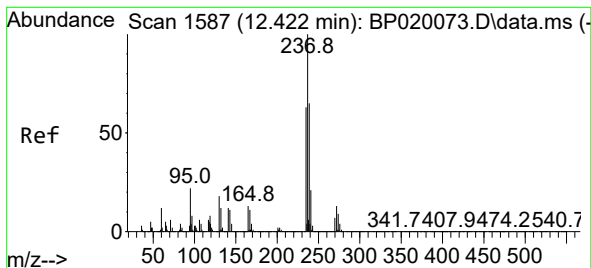
216 100

214 76.9 64.2 96.2

179 20.0 17.3 25.9

108 16.7 16.8 25.2#





#40

Hexachlorocyclopentadiene

Concen: 14.969 ng/ul

RT: 12.422 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

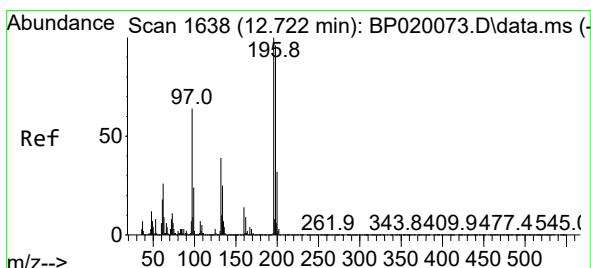
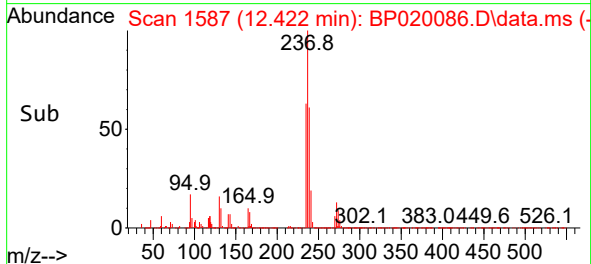
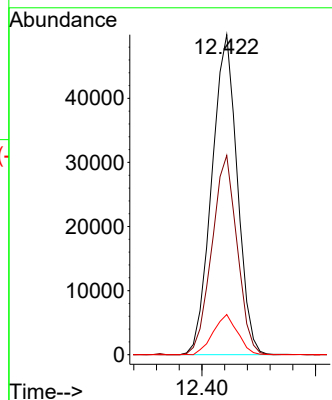
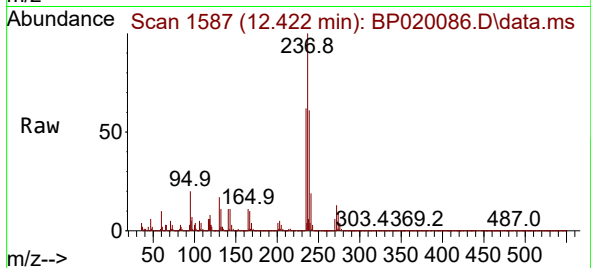
Tgt Ion:237 Resp: 77780

Ion Ratio Lower Upper

237 100

235 62.2 48.2 72.4

272 13.2 9.4 14.0



#41

2,4,6-Trichlorophenol

Concen: 32.235 ng/ul

RT: 12.716 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

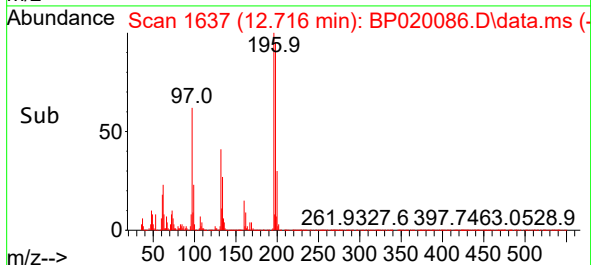
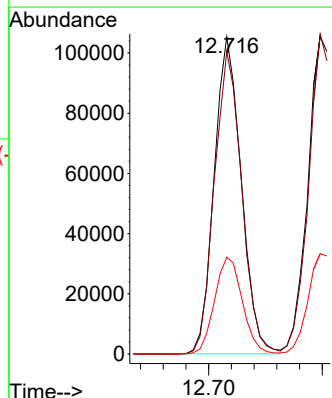
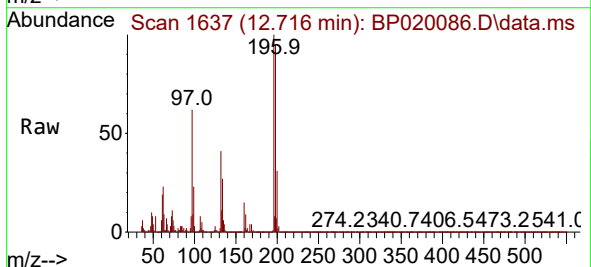
Tgt Ion:196 Resp: 174204

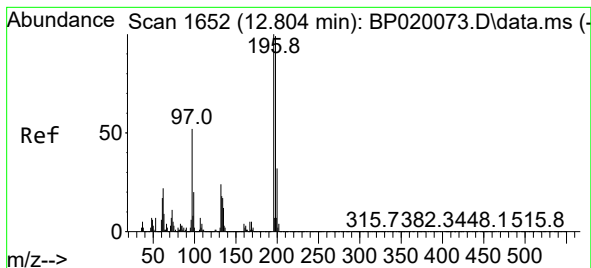
Ion Ratio Lower Upper

196 100

198 95.3 78.8 118.2

200 30.5 24.9 37.3





#42

2,4,5-Trichlorophenol

Concen: 32.878 ng/ul

RT: 12.798 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

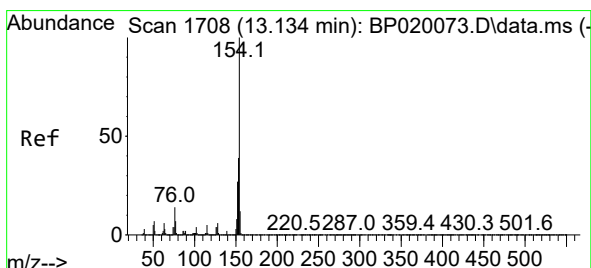
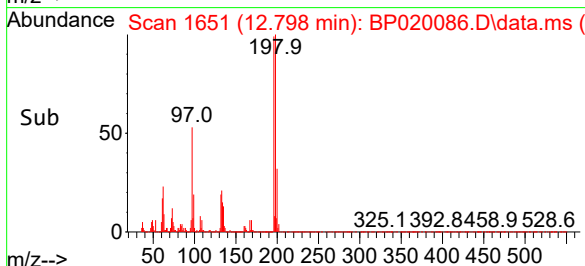
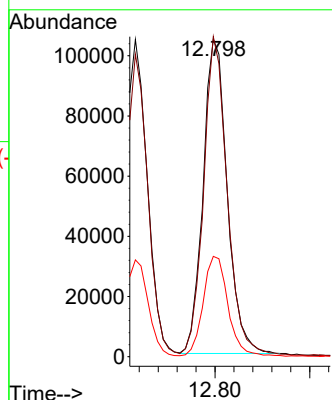
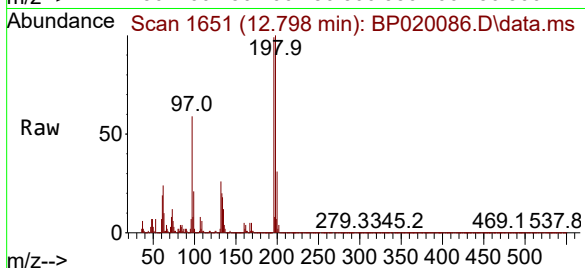
Tgt Ion:196 Resp: 184696

Ion Ratio Lower Upper

196 100

198 100.8 77.5 116.3

200 31.6 24.5 36.7



#43

1,1'-Biphenyl

Concen: 29.629 ng/ul

RT: 13.122 min Scan# 1706

Delta R.T. -0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

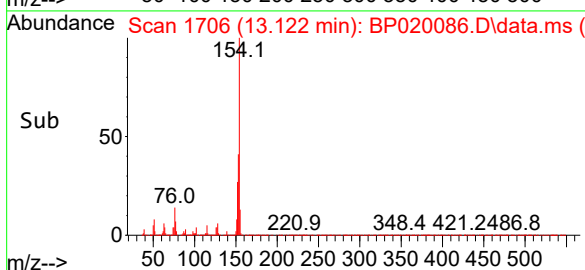
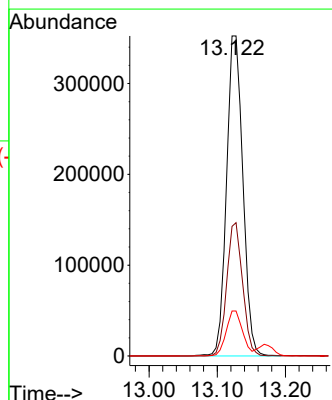
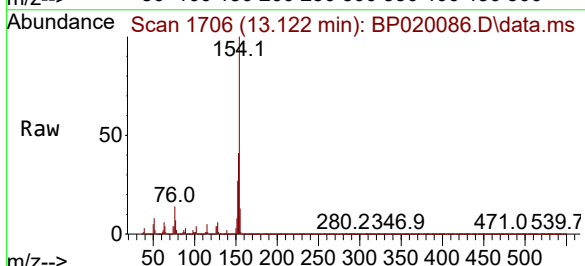
Tgt Ion:154 Resp: 587878

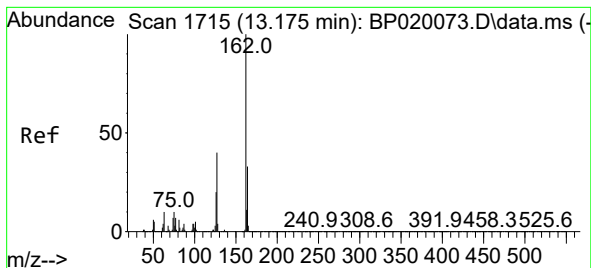
Ion Ratio Lower Upper

154 100

153 40.5 32.2 48.4

76 14.0 11.3 16.9





#44

2-Chloronaphthalene

Concen: 29.555 ng/ul

RT: 13.175 min Scan# 1715

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

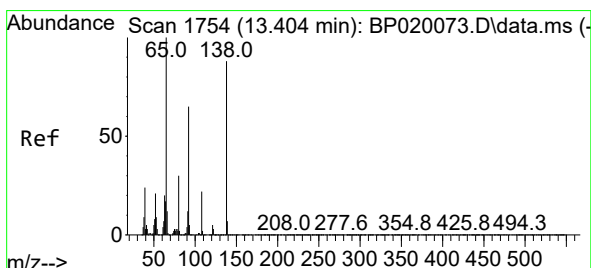
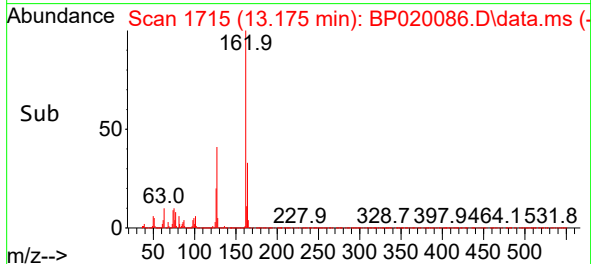
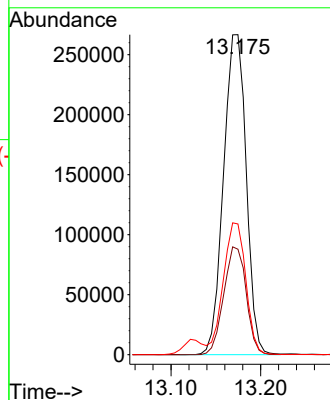
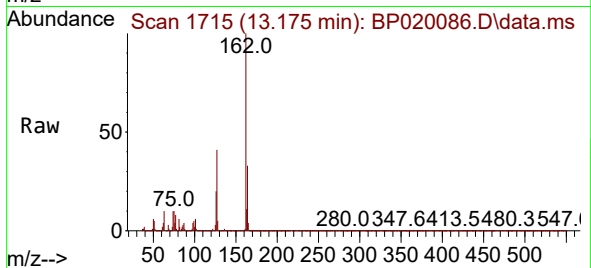
Tgt Ion:162 Resp: 468473

Ion Ratio Lower Upper

162 100

164 32.9 27.0 40.6

127 40.9 33.7 50.5



#45

2-Nitroaniline

Concen: 34.635 ng/ul

RT: 13.398 min Scan# 1753

Delta R.T. -0.000 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

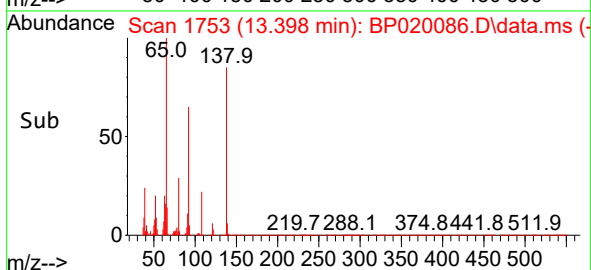
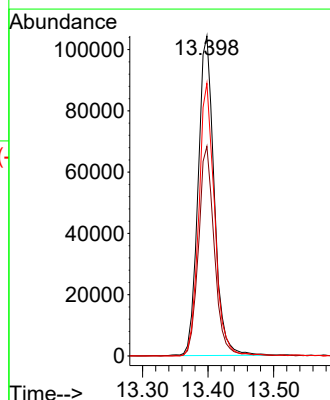
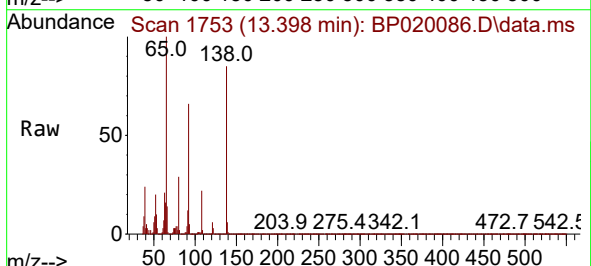
Tgt Ion: 65 Resp: 178360

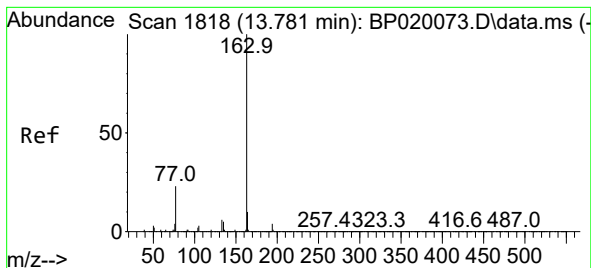
Ion Ratio Lower Upper

65 100

92 65.5 49.4 74.0

138 85.2 62.2 93.4





#47

Dimethylphthalate

Concen: 30.569 ng/ul

RT: 13.775 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

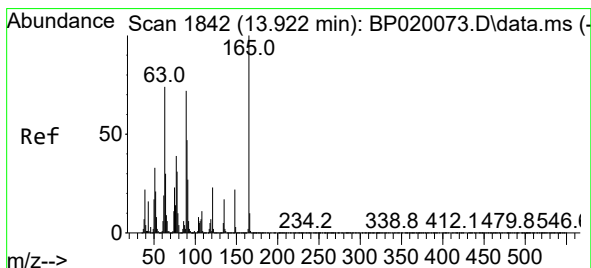
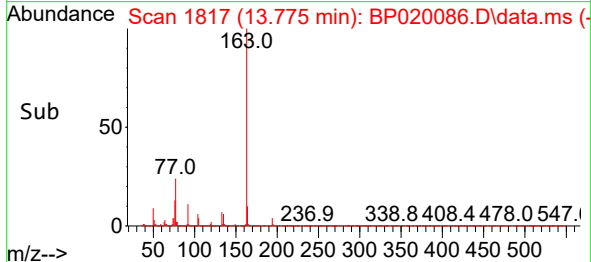
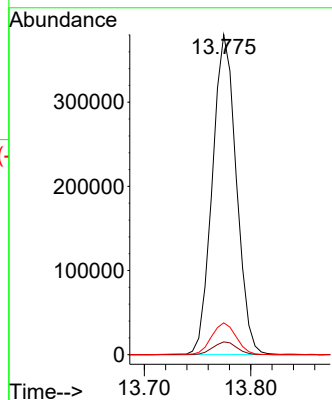
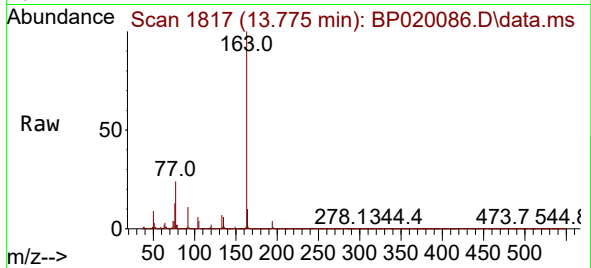
Tgt Ion:163 Resp: 593697

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 33.019 ng/ul

RT: 13.916 min Scan# 1841

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

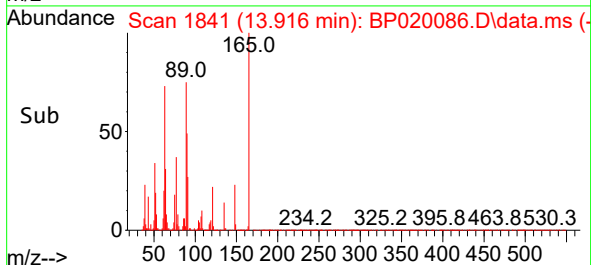
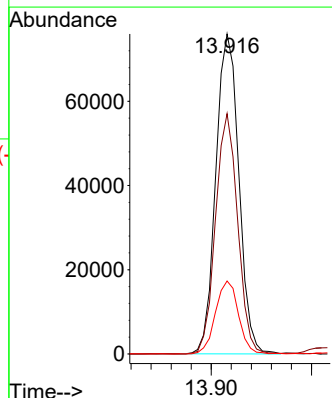
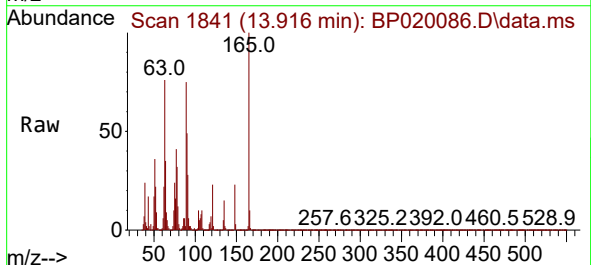
Tgt Ion:165 Resp: 121011

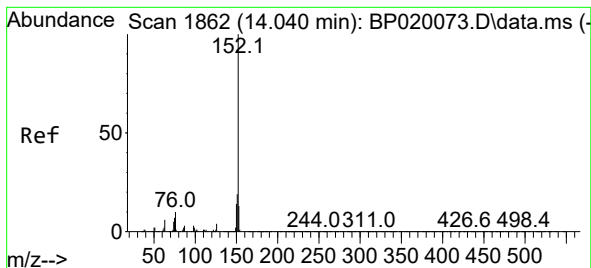
Ion Ratio Lower Upper

165 100

89 75.1 61.0 91.4

121 22.8 18.7 28.1





#50

Acenaphthylene

Concen: 29.116 ng/ul

RT: 14.033 min Scan# 1861

Delta R.T. -0.000 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

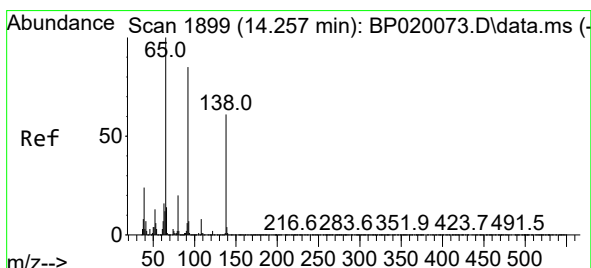
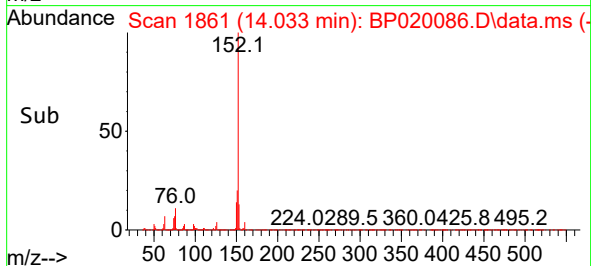
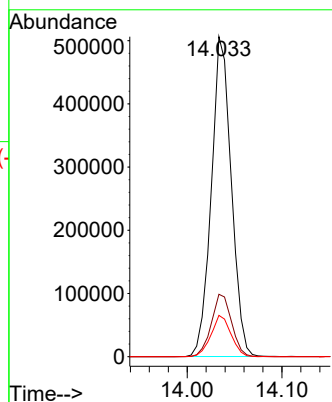
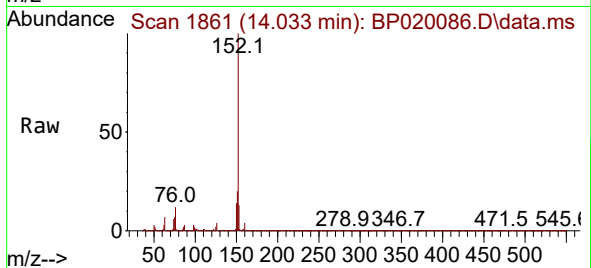
Tgt Ion:152 Resp: 739874

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.2

153 12.9 10.6 16.0



#51

3-Nitroaniline

Concen: 37.134 ng/ul

RT: 14.257 min Scan# 1899

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

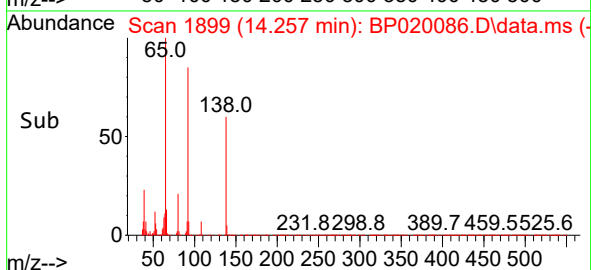
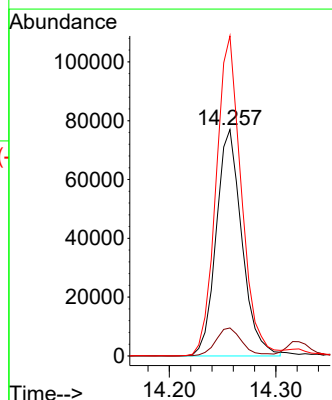
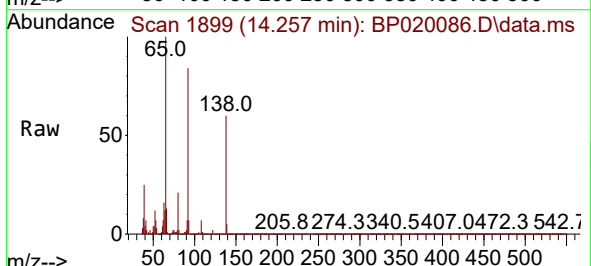
Tgt Ion:138 Resp: 128811

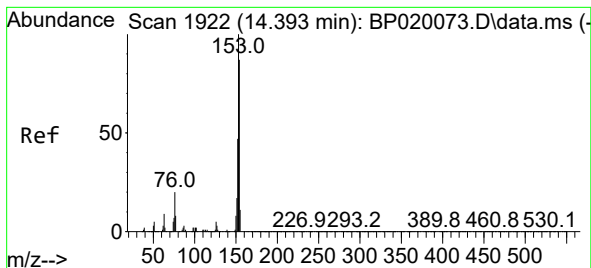
Ion Ratio Lower Upper

138 100

108 12.3 10.4 15.6

92 141.3 108.4 162.6





#52

Acenaphthene

Concen: 29.544 ng/ul

RT: 14.386 min Scan# 1921

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

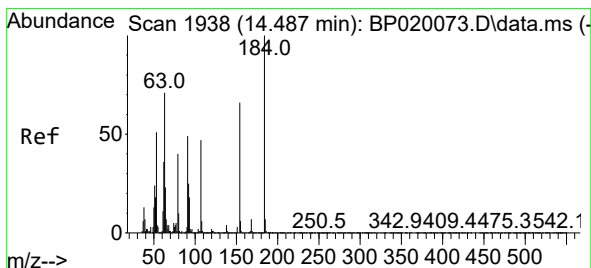
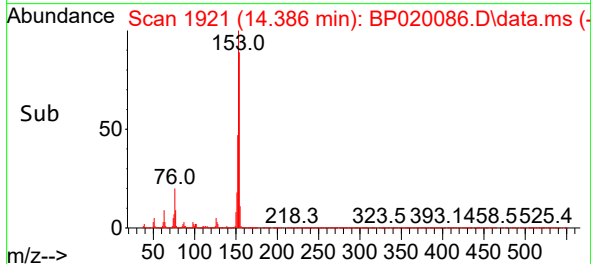
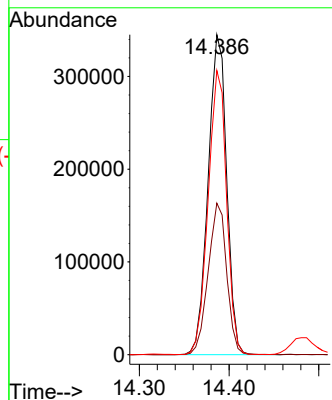
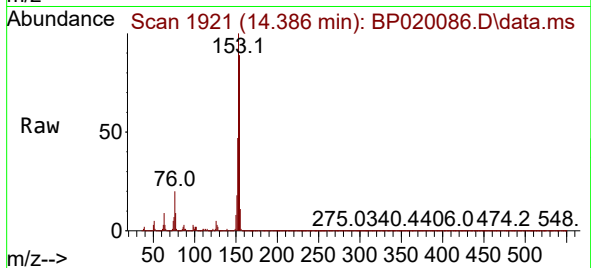
Tgt Ion:153 Resp: 494884

Ion Ratio Lower Upper

153 100

152 47.4 37.9 56.9

154 88.8 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 24.109 ng/ul

RT: 14.486 min Scan# 1938

Delta R.T. 0.011 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

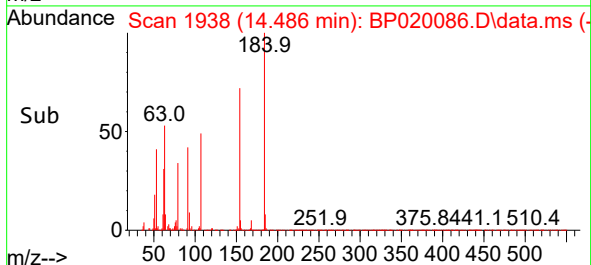
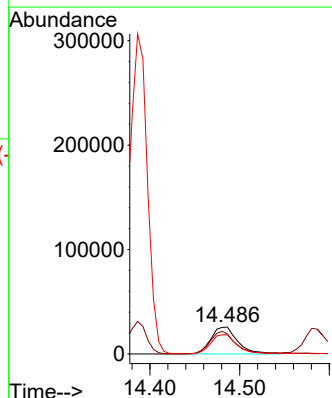
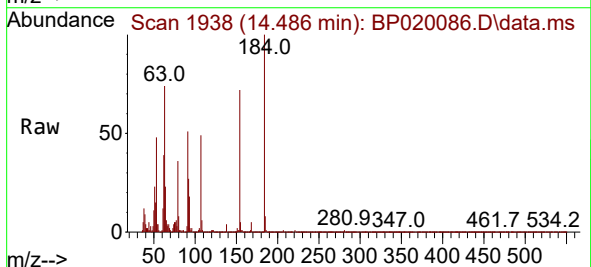
Tgt Ion:184 Resp: 53132

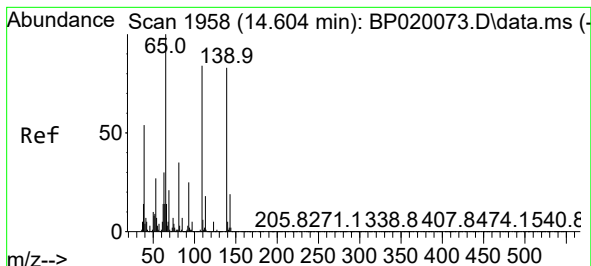
Ion Ratio Lower Upper

184 100

63 74.4 65.0 97.6

154 71.6 55.4 83.2

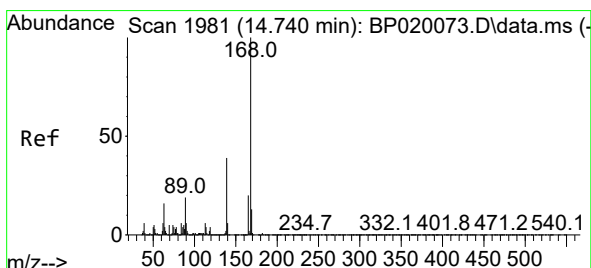
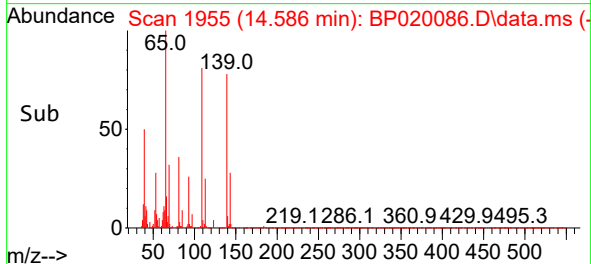
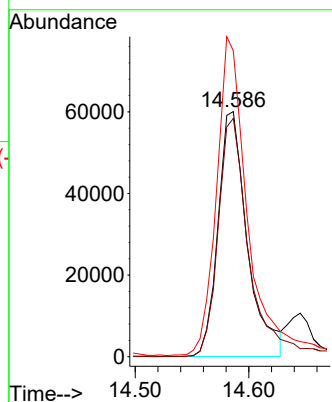
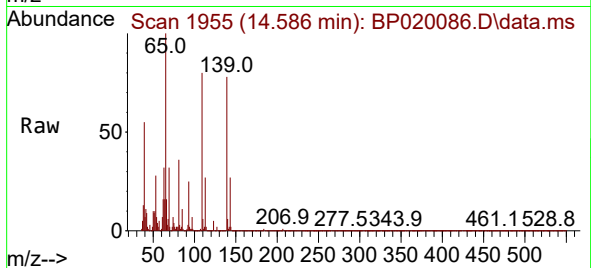




#55
4-Nitrophenol
Concen: 32.731 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. 0.011 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

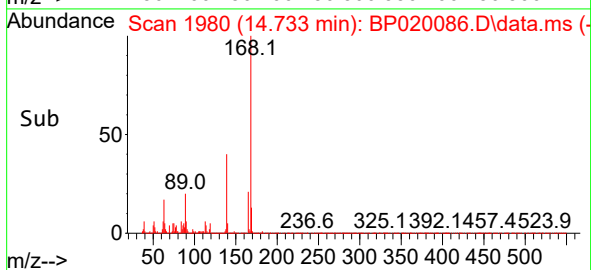
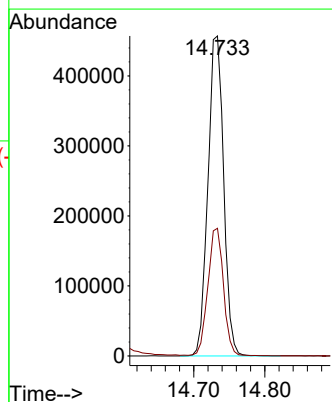
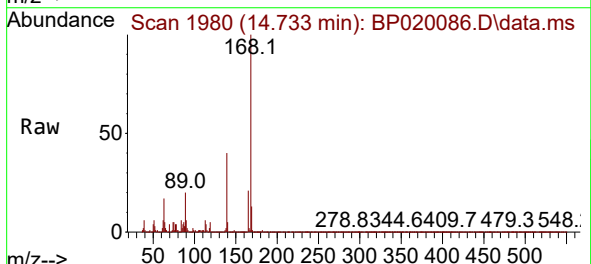
Instrument :
BNA_P
ClientSampleId :
SLCS221

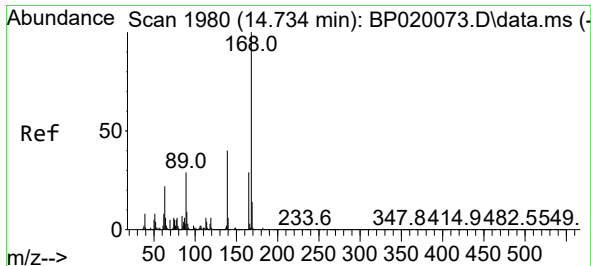
Tgt Ion:109 Resp: 107369
Ion Ratio Lower Upper
109 100
139 97.2 77.9 116.9
65 124.9 100.9 151.3



#56
Dibenzofuran
Concen: 30.439 ng/ul
RT: 14.733 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:168 Resp: 703954
Ion Ratio Lower Upper
168 100
139 39.9 32.6 49.0

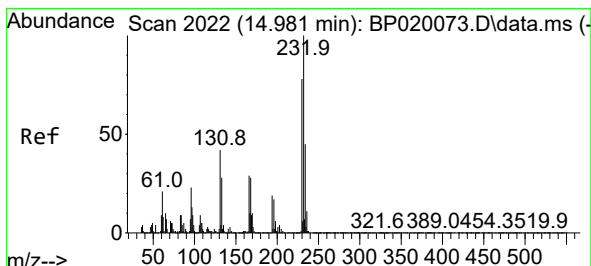
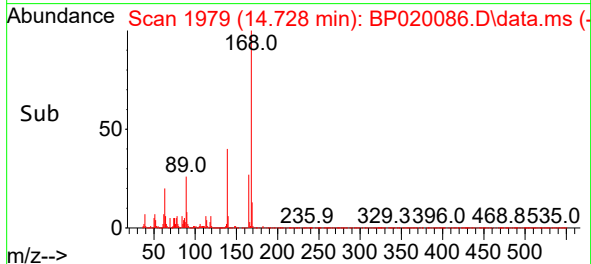
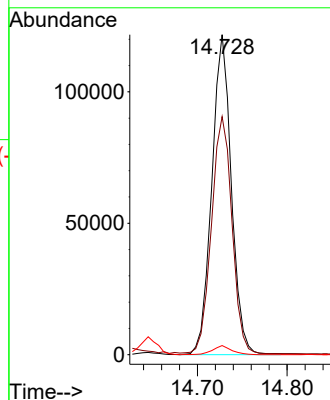
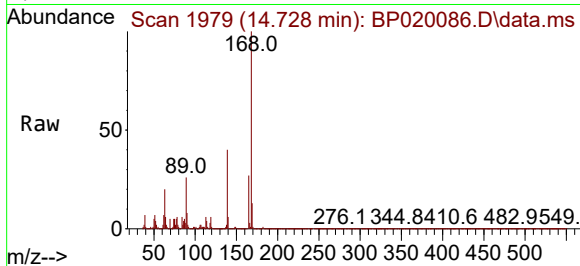




#57
2,4-Dinitrotoluene
Concen: 35.488 ng/ul
RT: 14.728 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

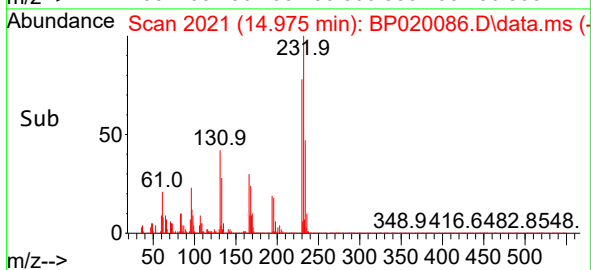
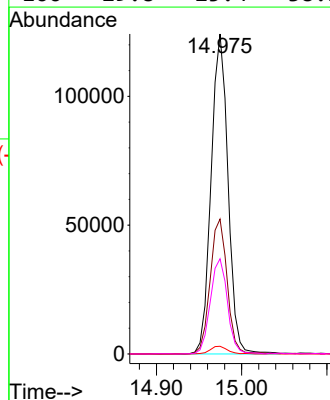
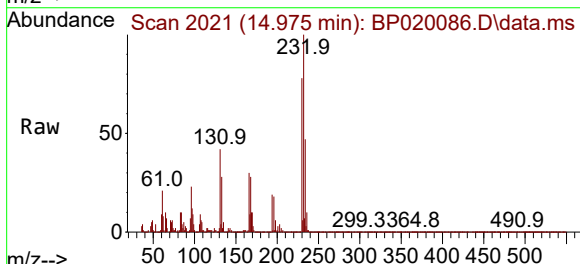
Instrument :
BNA_P
ClientSampleId :
SLCS221

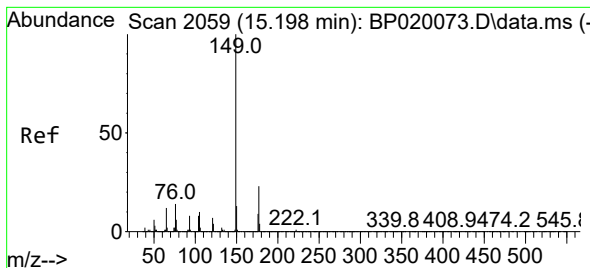
Tgt Ion:165 Resp: 184118
Ion Ratio Lower Upper
165 100
63 74.4 70.2 105.4
182 2.8 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.147 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. 0.011 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:232 Resp: 170981
Ion Ratio Lower Upper
232 100
131 42.2 34.5 51.7
130 2.4 2.4 3.6#
166 29.8 25.4 38.2





#59

Diethylphthalate

Concen: 31.029 ng/ul

RT: 15.186 min Scan# 2059

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

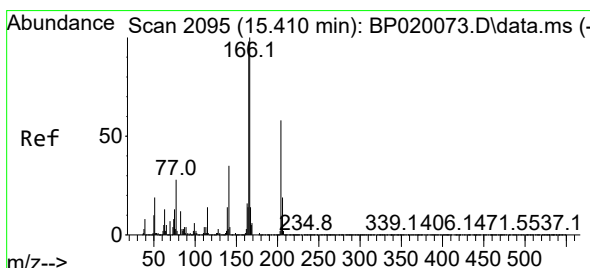
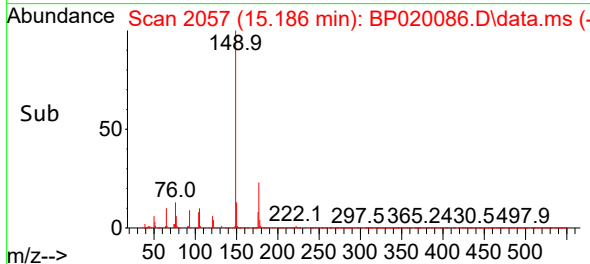
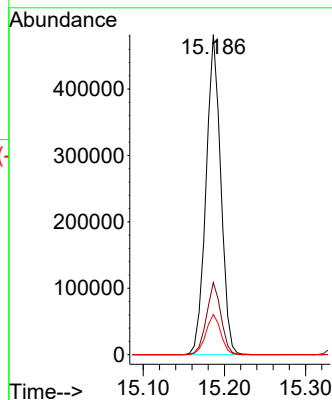
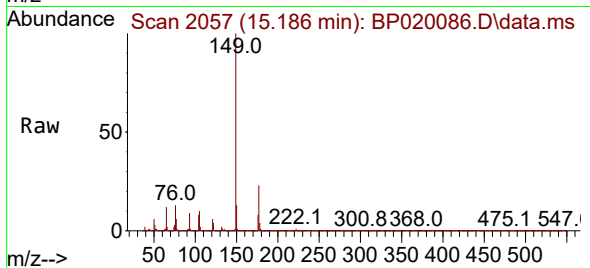
Tgt Ion:149 Resp: 605158

Ion Ratio Lower Upper

149 100

177 22.6 16.9 25.3

150 12.6 9.9 14.9



#61

Fluorene

Concen: 30.812 ng/ul

RT: 15.404 min Scan# 2094

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

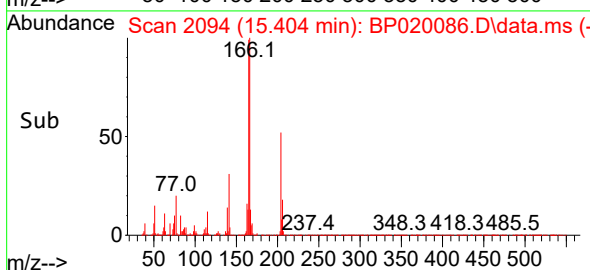
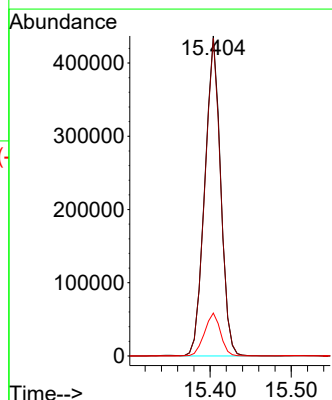
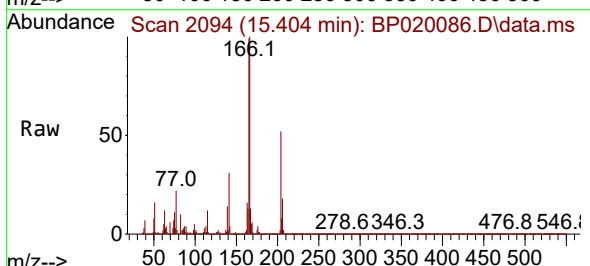
Tgt Ion:166 Resp: 588767

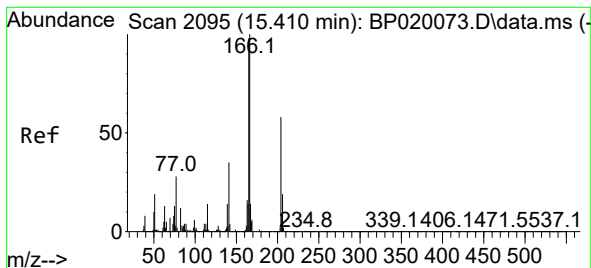
Ion Ratio Lower Upper

166 100

165 99.2 78.2 117.4

167 13.4 10.9 16.3

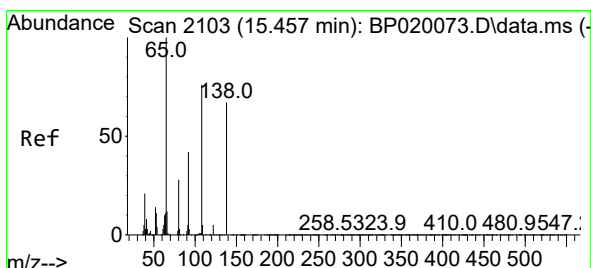
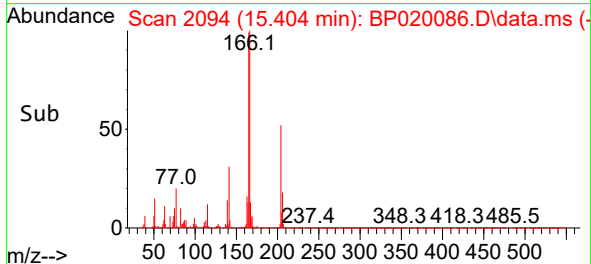
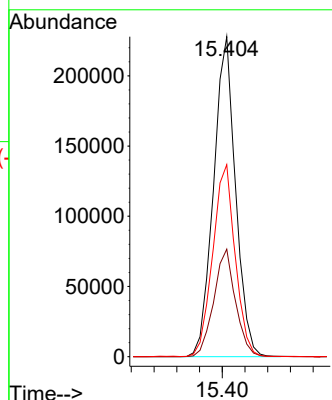
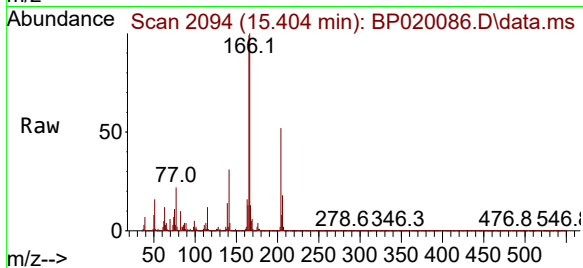




#62
4-Chlorophenyl-phenylether
Concen: 29.511 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

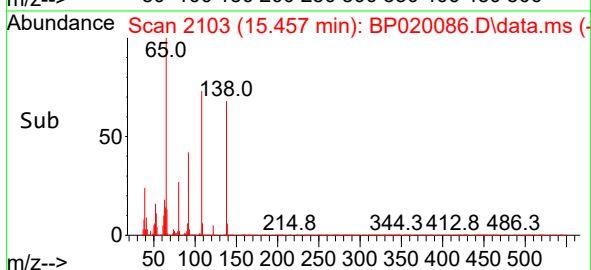
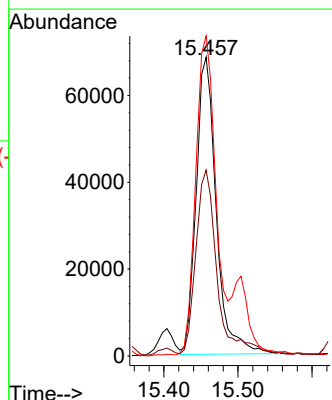
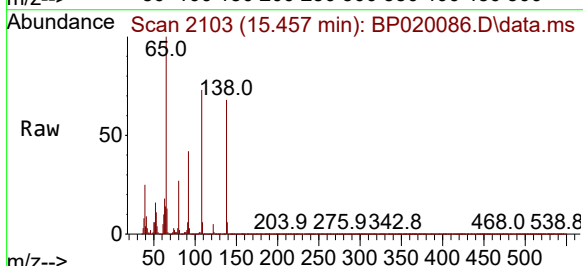
Instrument :
BNA_P
ClientSampleId :
SLCS221

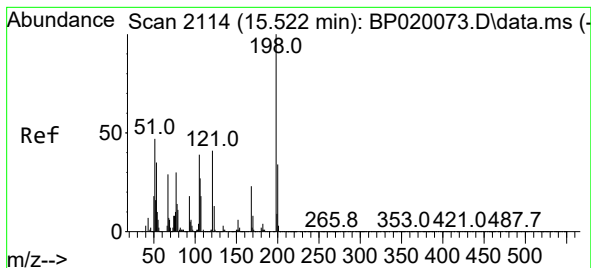
Tgt Ion:204 Resp: 306388
Ion Ratio Lower Upper
204 100
206 33.6 25.1 37.7
141 60.0 49.3 73.9



#63
4-Nitroaniline
Concen: 41.697 ng/ul
RT: 15.457 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:138 Resp: 128422
Ion Ratio Lower Upper
138 100
92 62.2 55.2 82.8
108 107.1 95.4 143.0

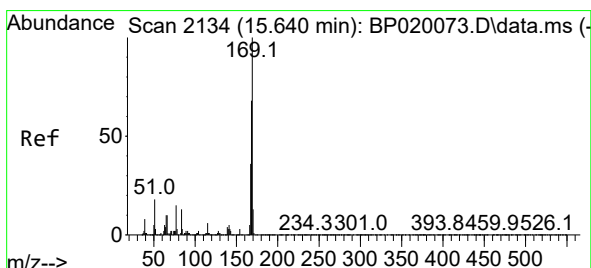
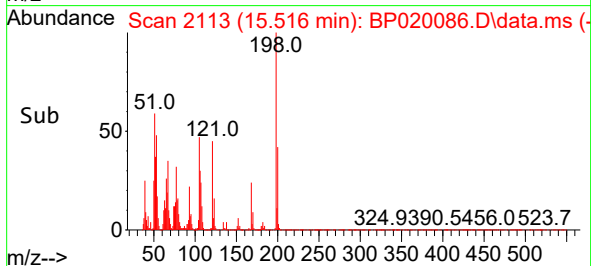
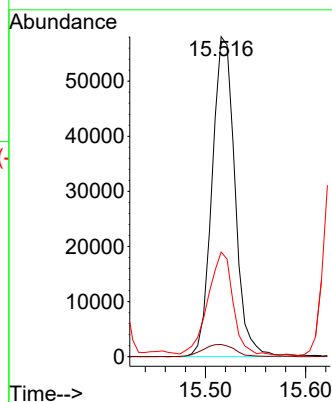
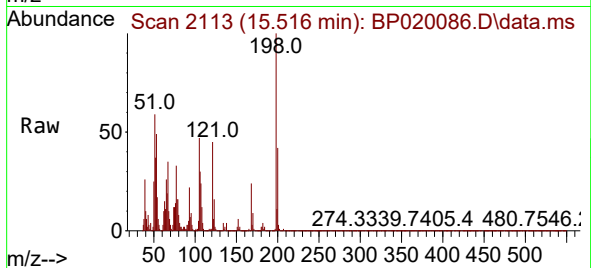




#66
4,6-Dinitro-2-methylphenol
Concen: 25.036 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.011 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

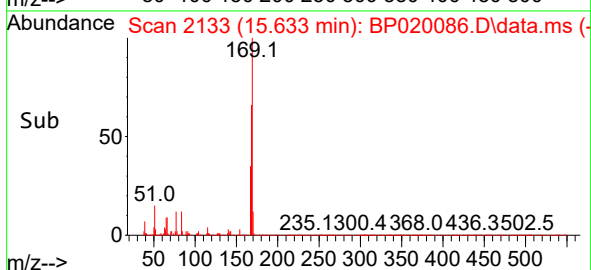
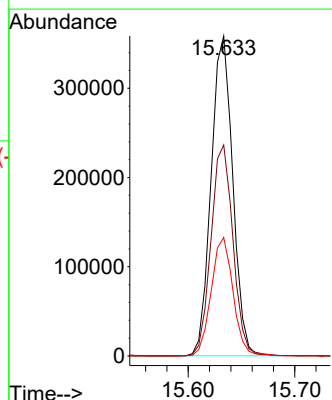
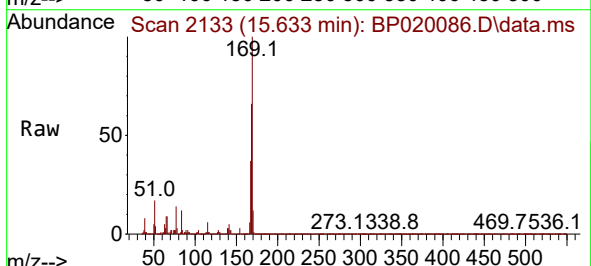
Instrument :
BNA_P
ClientSampleId :
SLCS221

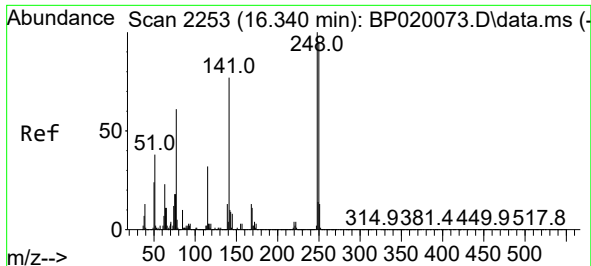
Tgt Ion:198 Resp: 91807
Ion Ratio Lower Upper
198 100
182 3.8 3.0 4.6
77 32.7 25.6 38.4



#67
N-Nitrosodiphenylamine
Concen: 30.181 ng/ul
RT: 15.633 min Scan# 2133
Delta R.T. 0.011 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:169 Resp: 504157
Ion Ratio Lower Upper
169 100
168 66.0 55.0 82.6
167 37.0 29.5 44.3

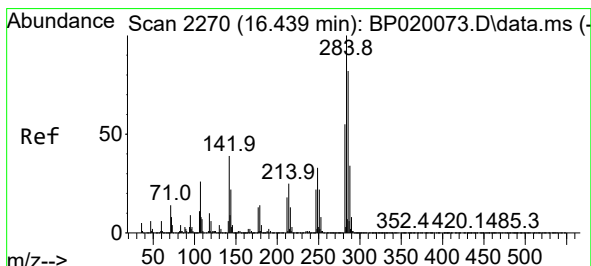
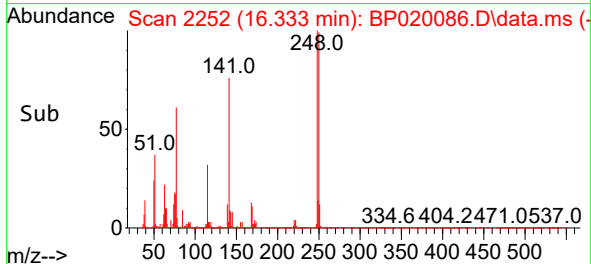
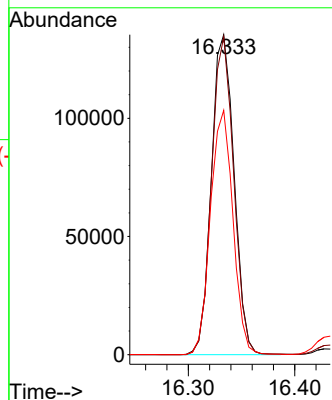
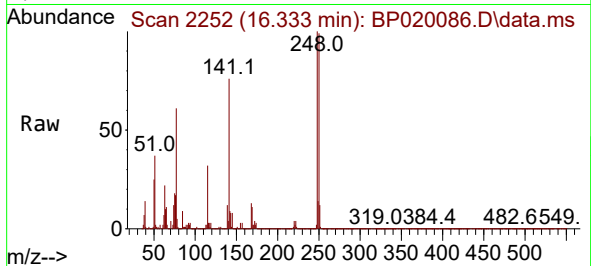




#68
4-Bromophenyl-phenylether
Concen: 30.197 ng/ul
RT: 16.333 min Scan# 21
Delta R.T. 0.011 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

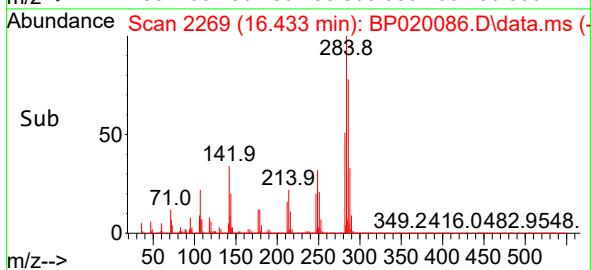
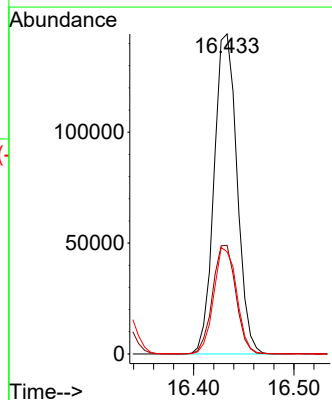
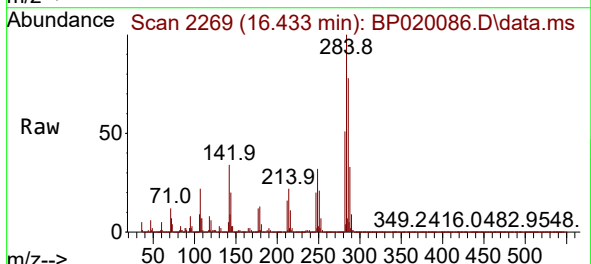
Instrument :
BNA_P
ClientSampleId :
SLCS221

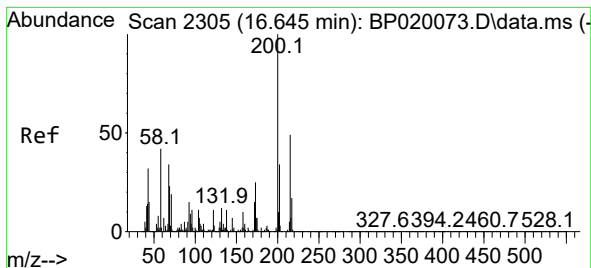
Tgt Ion:248 Resp: 200001
Ion Ratio Lower Upper
248 100
250 99.3 79.2 118.8
141 76.3 65.1 97.7



#69
Hexachlorobenzene
Concen: 32.006 ng/ul
RT: 16.433 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:284 Resp: 229474
Ion Ratio Lower Upper
284 100
142 34.0 30.6 45.8
249 32.0 26.9 40.3





#70

Atrazine

Concen: 31.169 ng/ul

RT: 16.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

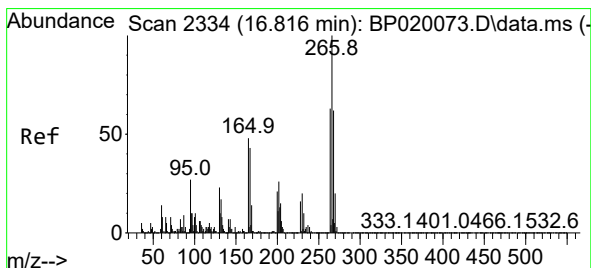
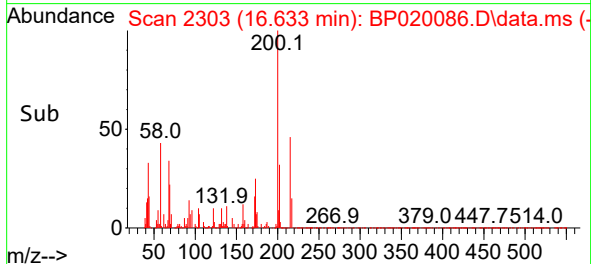
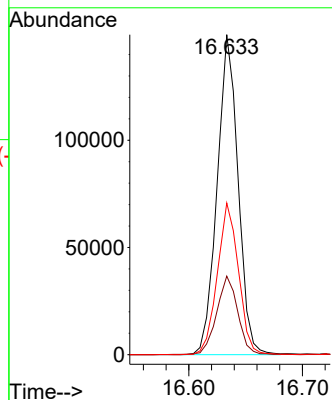
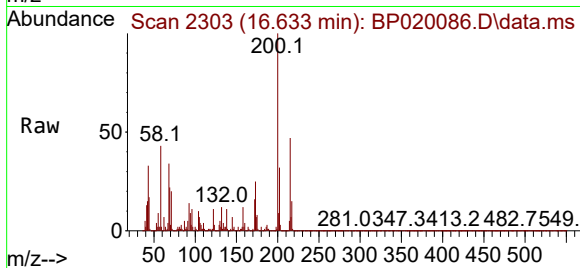
Tgt Ion:200 Resp: 191200

Ion Ratio Lower Upper

200 100

173 24.5 19.3 28.9

215 47.4 36.6 54.8



#71

Pentachlorophenol

Concen: 32.252 ng/ul

RT: 16.804 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

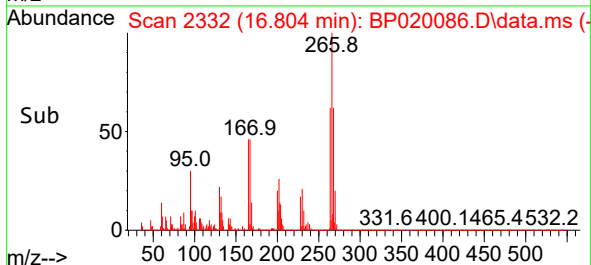
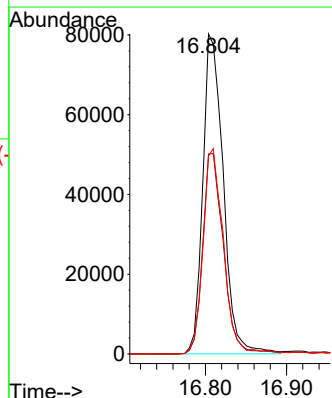
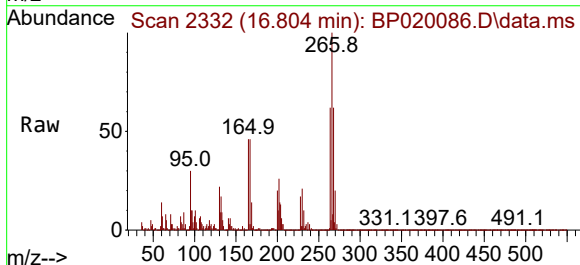
Tgt Ion:266 Resp: 140153

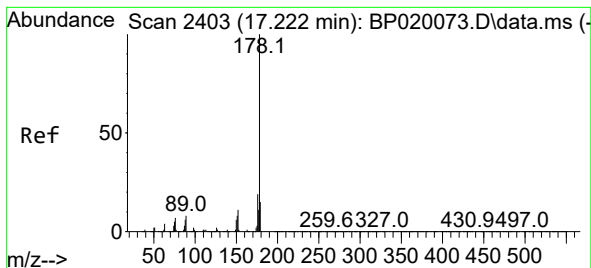
Ion Ratio Lower Upper

266 100

264 62.5 50.6 75.8

268 61.9 50.3 75.5





#72

Phenanthrene

Concen: 30.056 ng/ul

RT: 17.216 min Scan# 2418

Delta R.T. 0.017 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

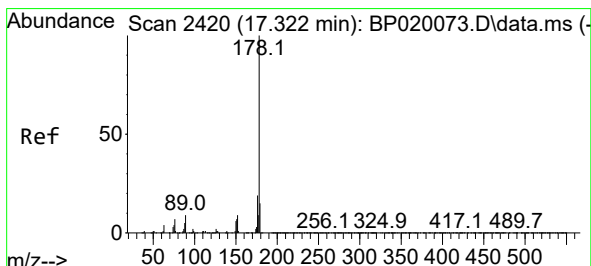
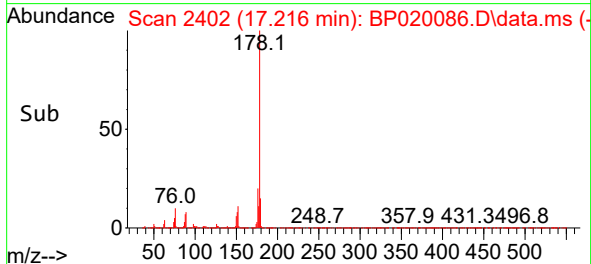
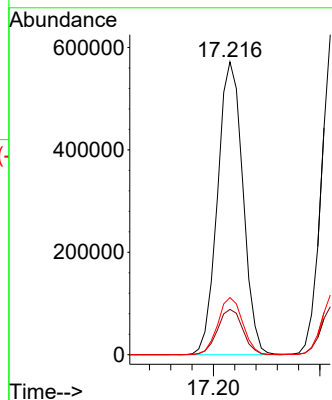
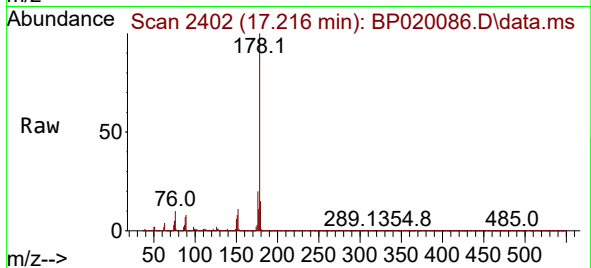
Tgt Ion:178 Resp: 942451

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.5 15.5 23.3



#74

Anthracene

Concen: 29.586 ng/ul

RT: 17.310 min Scan# 2418

Delta R.T. 0.012 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

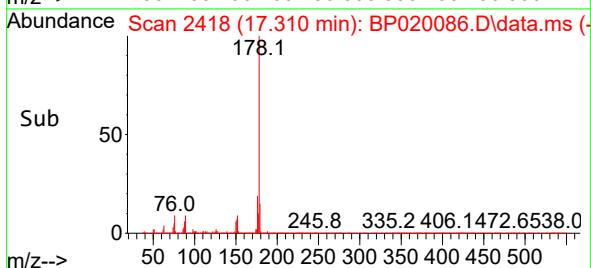
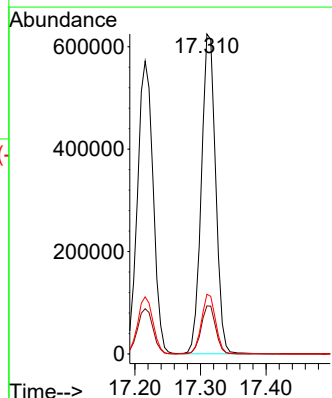
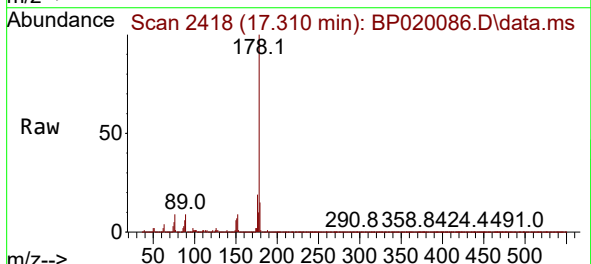
Tgt Ion:178 Resp: 946171

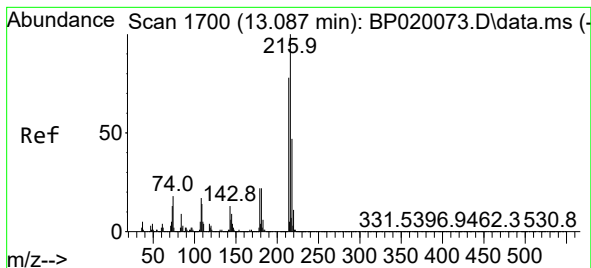
Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.4

176 18.6 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 28.514 ng/uL

RT: 13.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

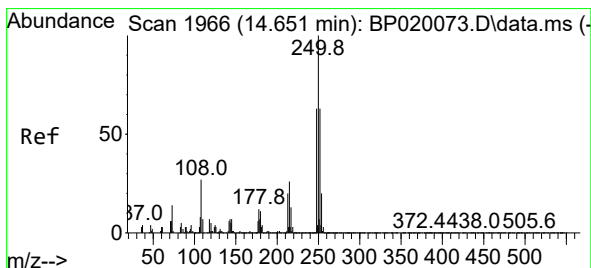
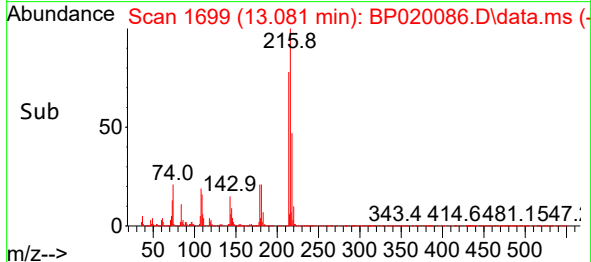
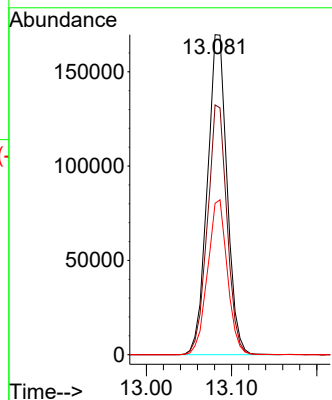
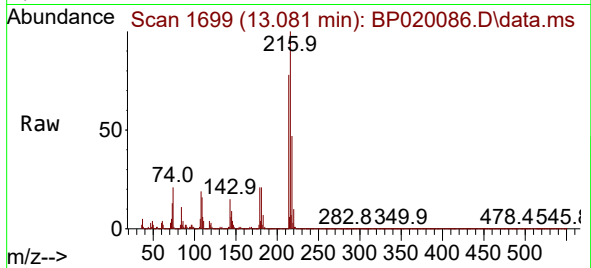
Tgt Ion:216 Resp: 273001

Ion Ratio Lower Upper

216 100

214 78.0 59.3 88.9

218 47.3 37.8 56.8



#76

Pentachlorobenzene

Concen: 29.015 ng/uL

RT: 14.645 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

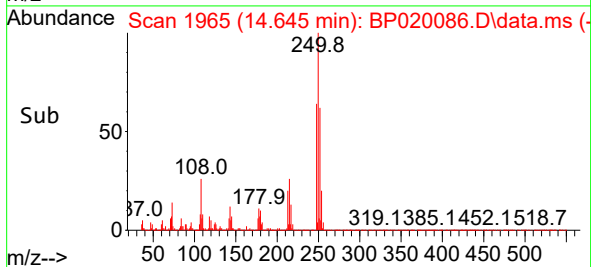
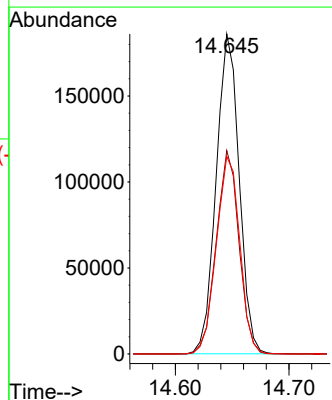
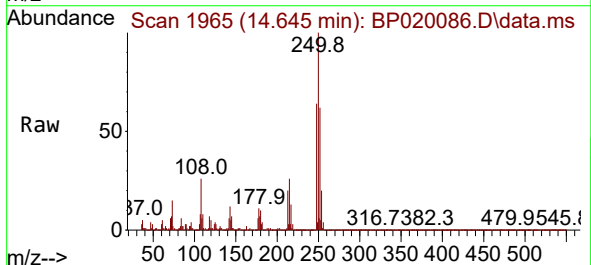
Tgt Ion:250 Resp: 261414

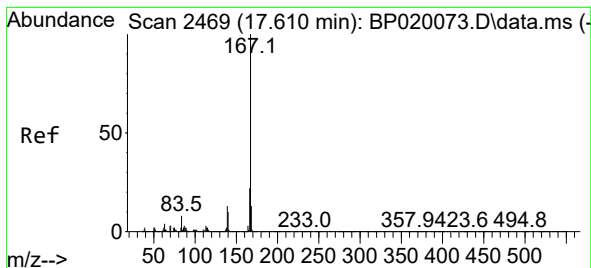
Ion Ratio Lower Upper

250 100

248 63.5 51.2 76.8

252 61.7 50.9 76.3





#77

Carbazole

Concen: 31.919 ng/ul

RT: 17.604 min Scan# 2468

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

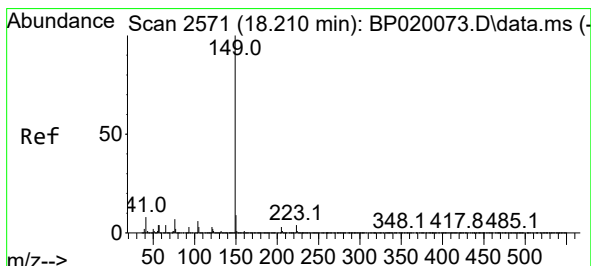
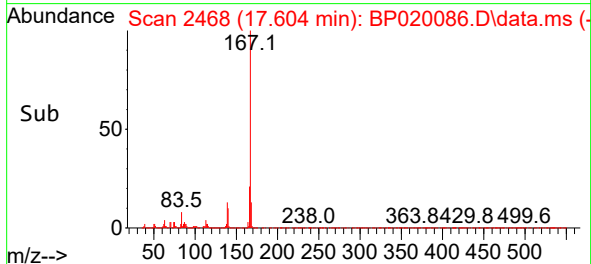
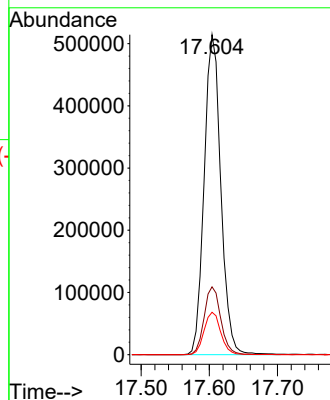
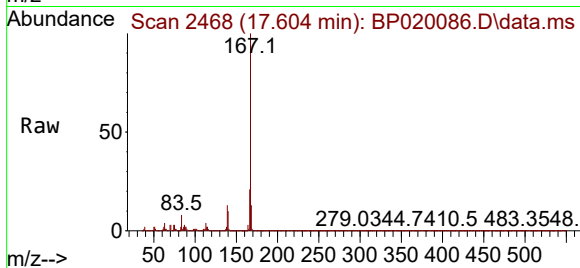
Tgt Ion:167 Resp: 874704

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.2

139 13.3 10.9 16.3



#78

Di-n-butylphthalate

Concen: 32.849 ng/ul

RT: 18.210 min Scan# 2571

Delta R.T. 0.017 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

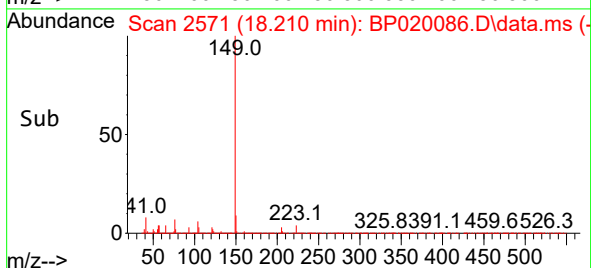
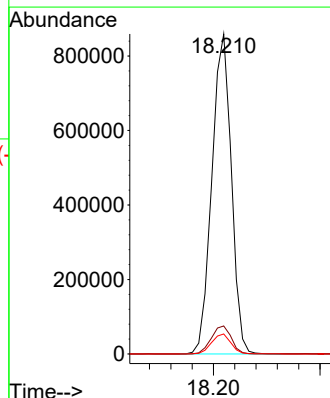
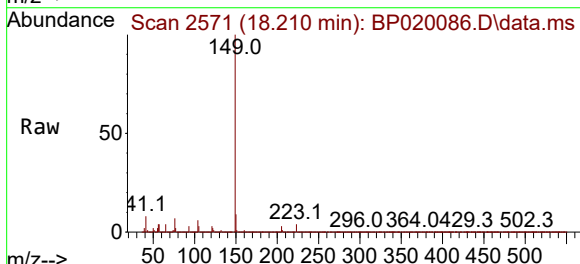
Tgt Ion:149 Resp: 1086065

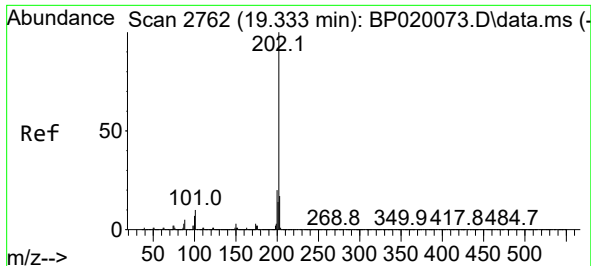
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 6.3 5.3 7.9

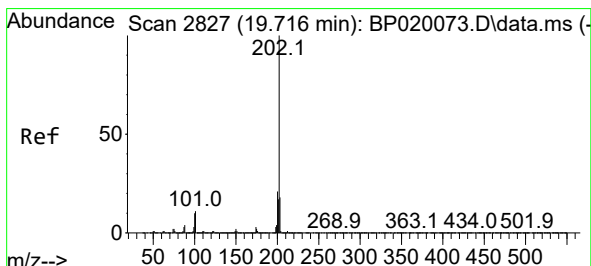
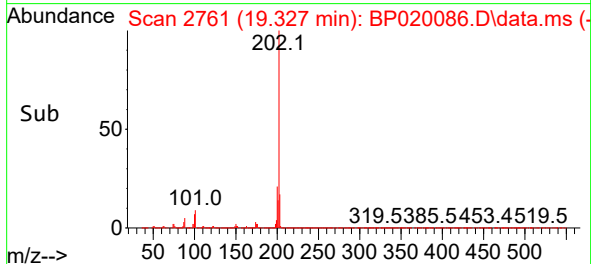
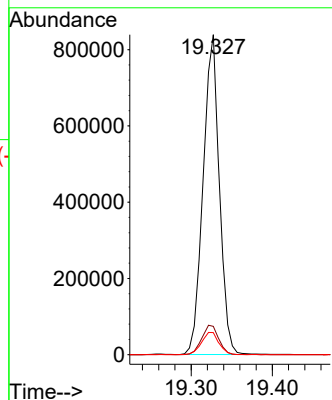
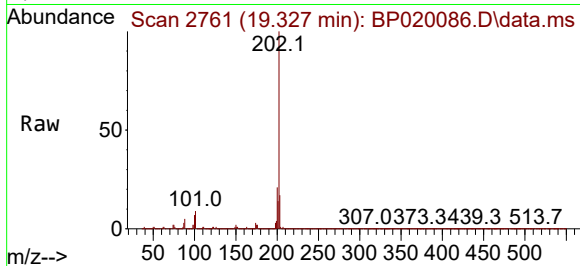




#80
Fluoranthene
Concen: 32.758 ng/ul
RT: 19.327 min Scan# 21
Delta R.T. 0.011 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

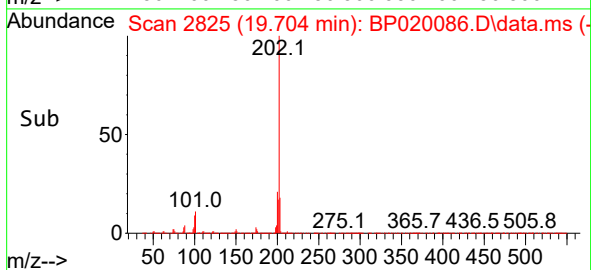
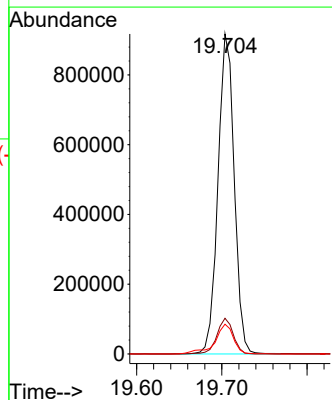
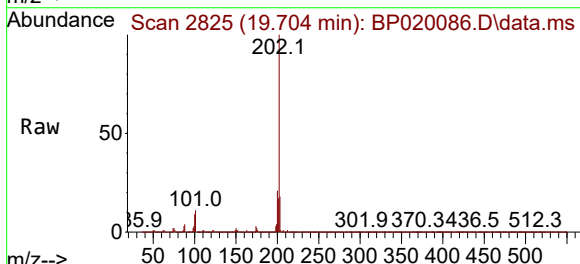
Instrument :
BNA_P
ClientSampleId :
SLCS221

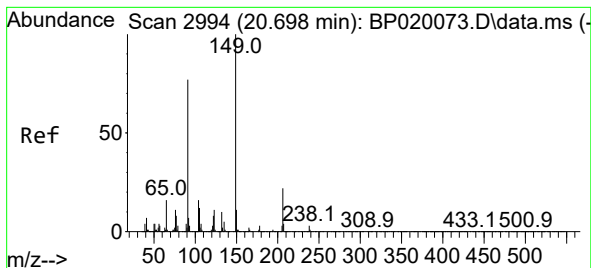
Tgt Ion:202 Resp: 1164421
Ion Ratio Lower Upper
202 100
101 8.9 7.7 11.5
100 6.9 5.7 8.5



#82
Pyrene
Concen: 32.919 ng/ul
RT: 19.704 min Scan# 2825
Delta R.T. 0.011 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:202 Resp: 1217383
Ion Ratio Lower Upper
202 100
101 11.2 9.3 13.9
100 9.3 7.6 11.4





#83

Butylbenzylphthalate

Concen: 35.010 ng/ul

RT: 20.680 min Scan# 2994

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

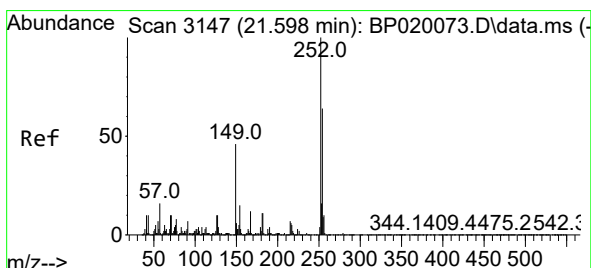
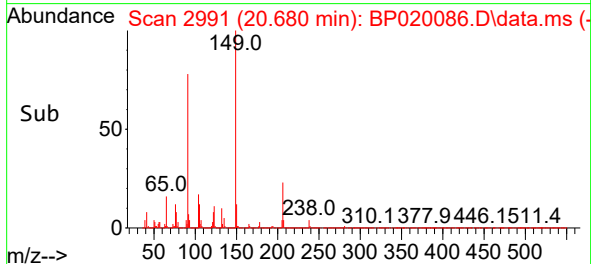
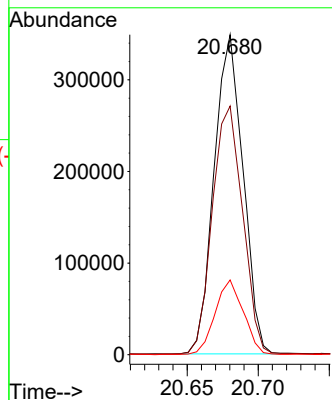
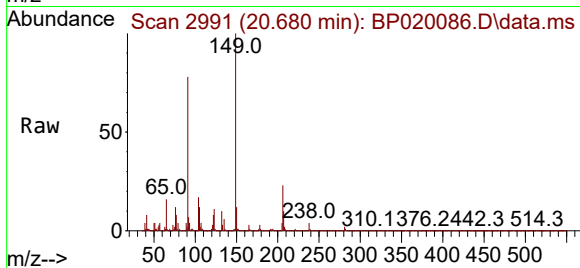
Tgt Ion:149 Resp: 493657

Ion Ratio Lower Upper

149 100

91 77.7 69.6 104.4

206 23.3 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 29.182 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

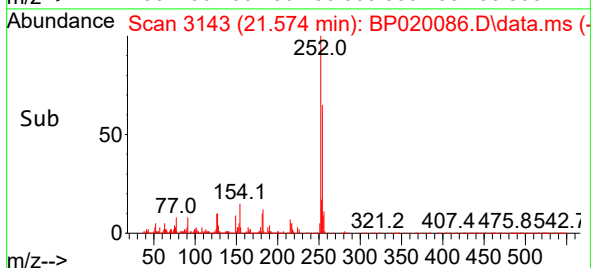
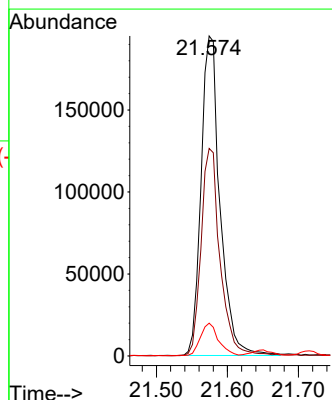
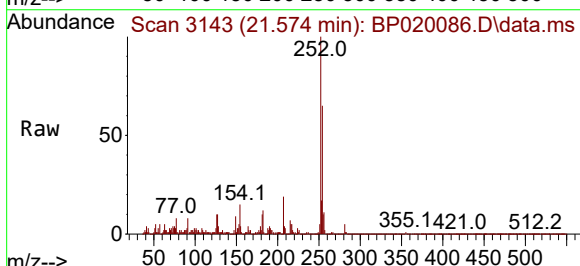
Tgt Ion:252 Resp: 363024

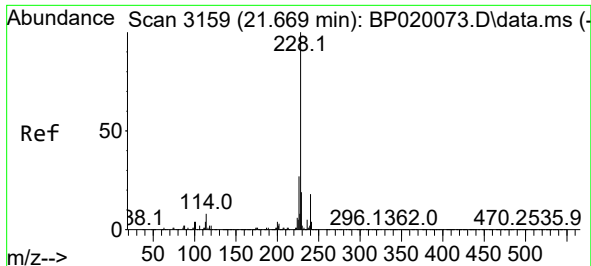
Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

126 10.3 7.9 11.9

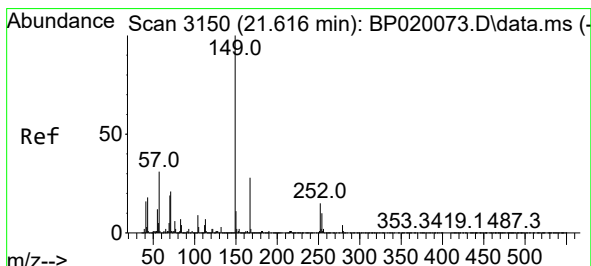
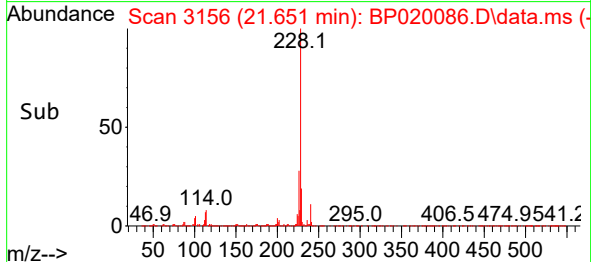
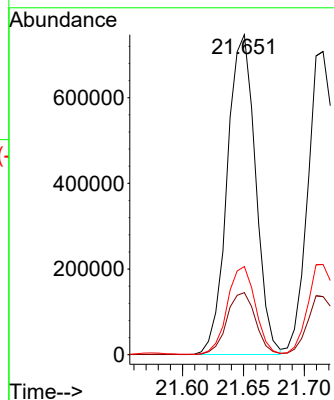
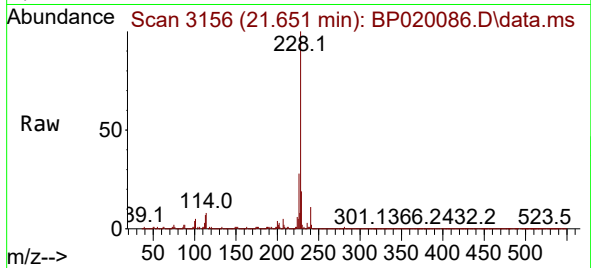




#85
Benzo(a)anthracene
Concen: 31.045 ng/ul
RT: 21.651 min Scan# 3156
Delta R.T. 0.017 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

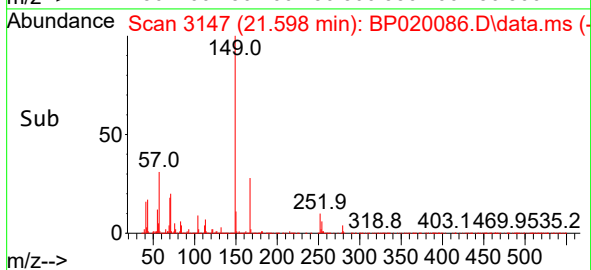
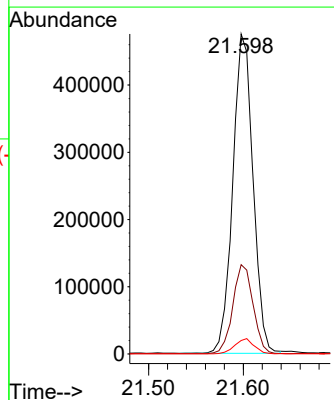
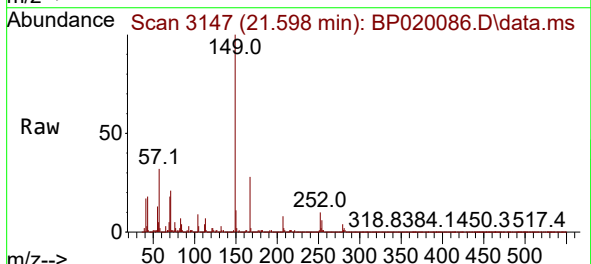
Instrument :
BNA_P
ClientSampleId :
SLCS221

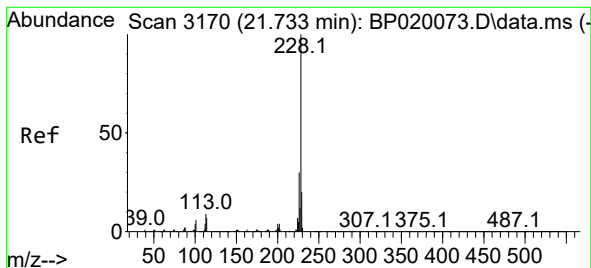
Tgt Ion:228 Resp: 1208111
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.6 21.4 32.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 32.424 ng/ul
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:149 Resp: 704799
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 4.2 3.2 4.8





#87

Chrysene

Concen: 30.224 ng/ul

RT: 21.715 min Scan# 3170

Delta R.T. 0.006 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

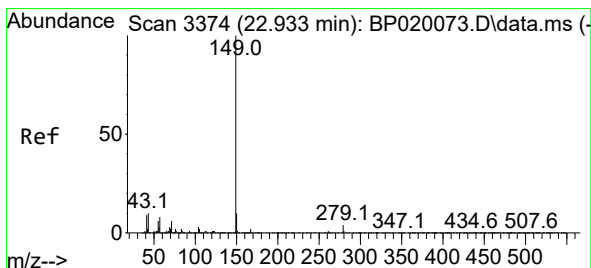
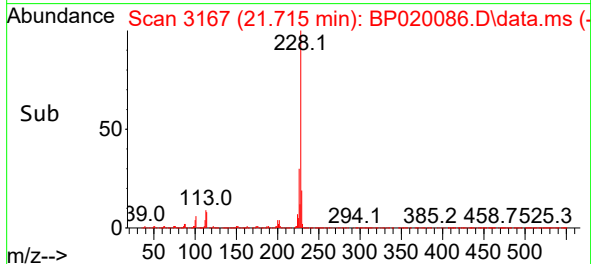
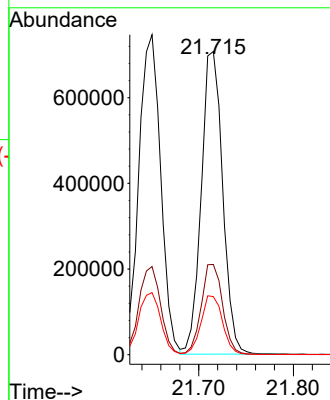
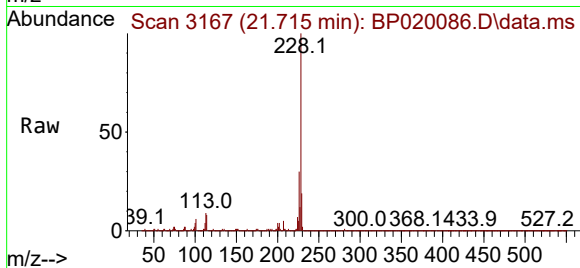
Tgt Ion:228 Resp: 1107637

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

229 19.1 15.4 23.2



#89

Di-n-octyl phthalate

Concen: 32.609 ng/ul

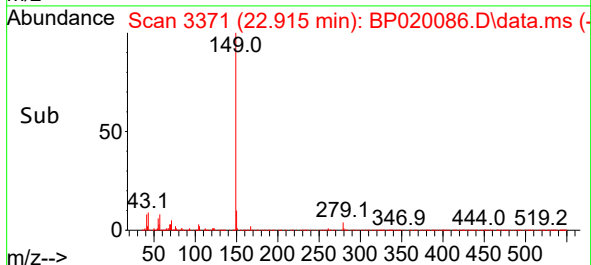
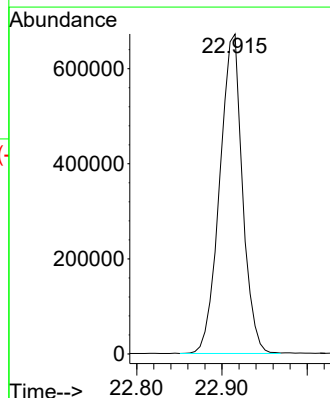
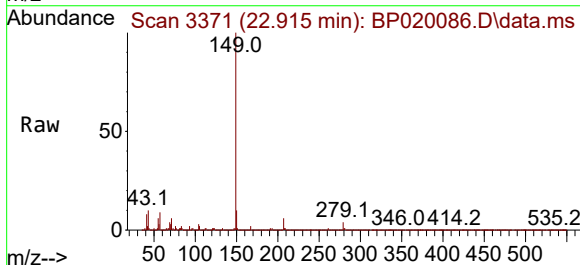
RT: 22.915 min Scan# 3371

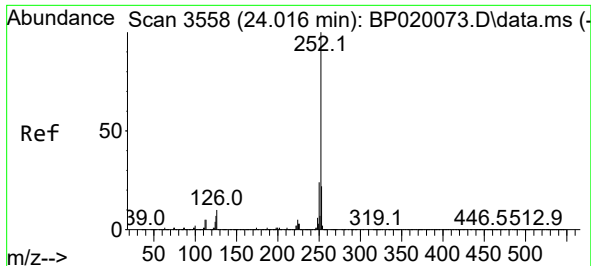
Delta R.T. 0.017 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Tgt Ion:149 Resp: 1244940

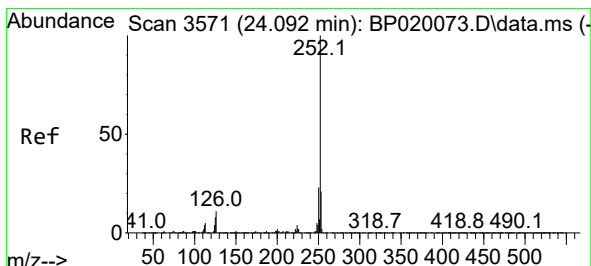
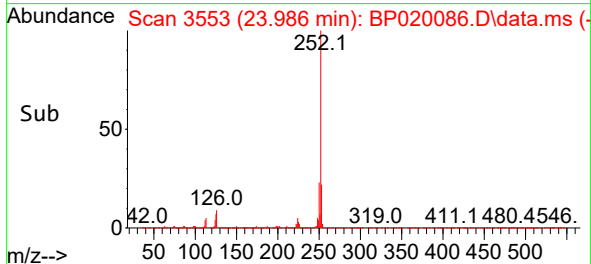
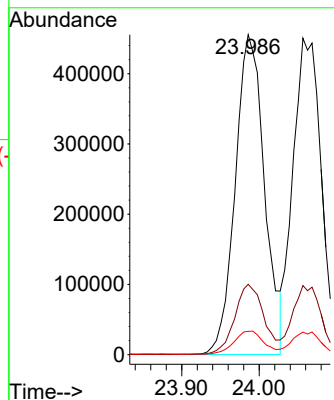
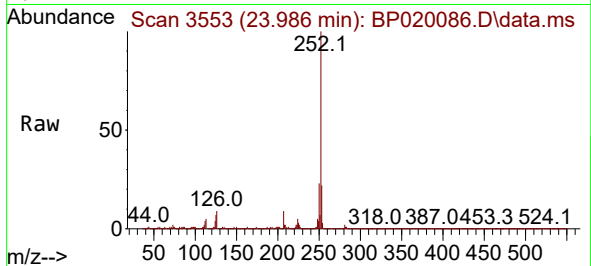




#90
Benzo(b)fluoranthene
Concen: 32.034 ng/ul
RT: 23.986 min Scan# 31
Delta R.T. 0.011 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

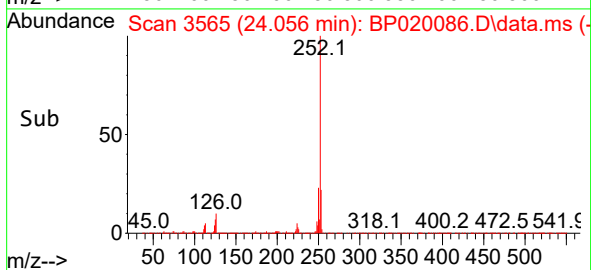
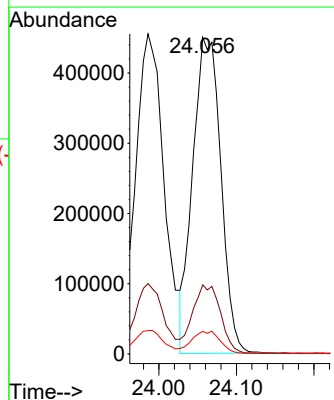
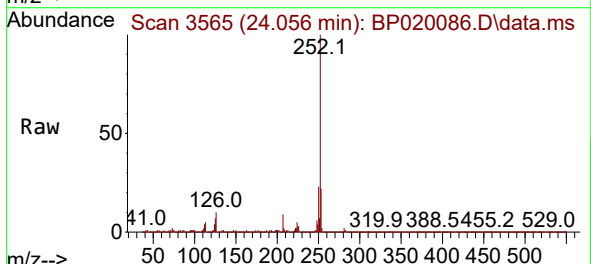
Instrument :
BNA_P
ClientSampleId :
SLCS221

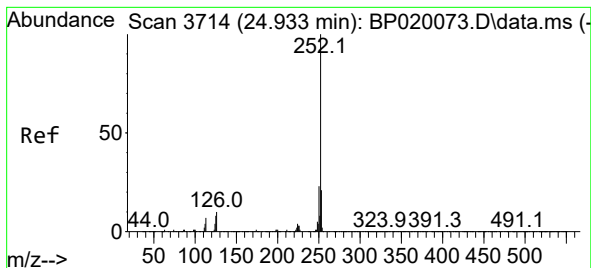
Tgt Ion:252 Resp: 1192583
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 7.3 5.8 8.6



#91
Benzo(k)fluoranthene
Concen: 29.666 ng/ul
RT: 24.056 min Scan# 3565
Delta R.T. 0.011 min
Lab File: BP020086.D
Acq: 22 Apr 2024 21:50

Tgt Ion:252 Resp: 1132266
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 7.1 5.9 8.9





#93

Benzo(a)pyrene

Concen: 26.782 ng/ul

RT: 24.909 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

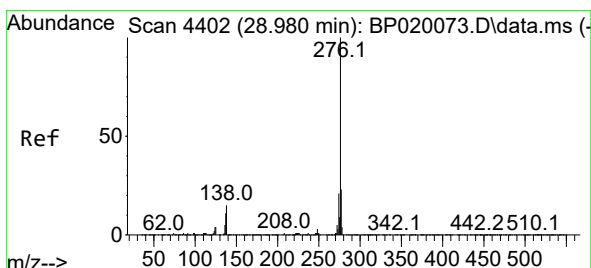
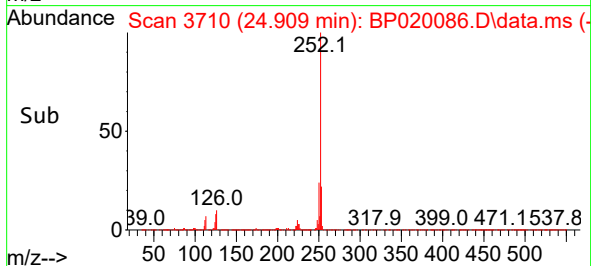
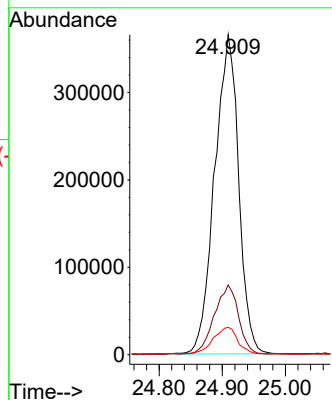
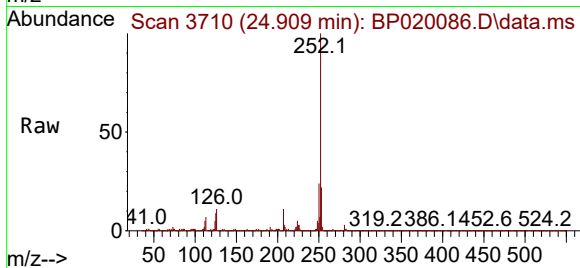
Tgt Ion:252 Resp: 960816

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 8.5 7.0 10.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 28.359 ng/ul

RT: 28.933 min Scan# 4394

Delta R.T. 0.029 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

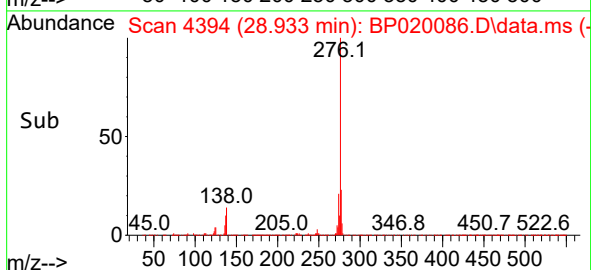
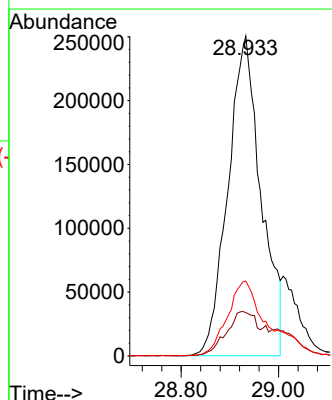
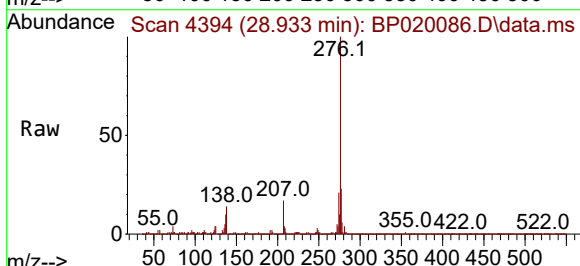
Tgt Ion:276 Resp: 1179730

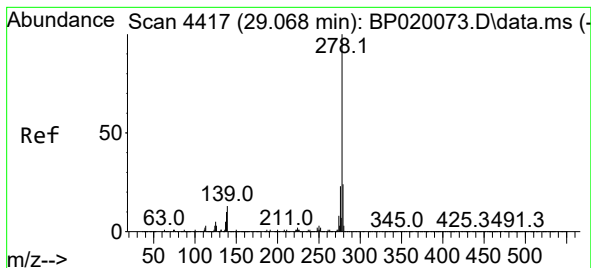
Ion Ratio Lower Upper

276 100

138 13.6 11.7 17.5

277 23.4 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 31.906 ng/ul

RT: 29.009 min Scan# 4417

Delta R.T. 0.012 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Instrument :

BNA_P

ClientSampleId :

SLCS221

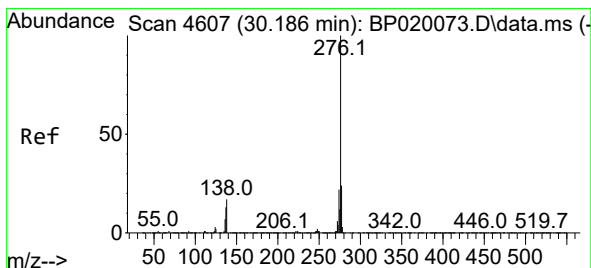
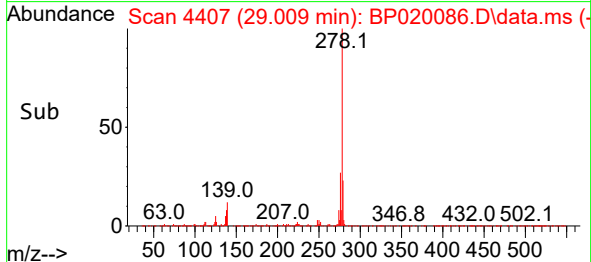
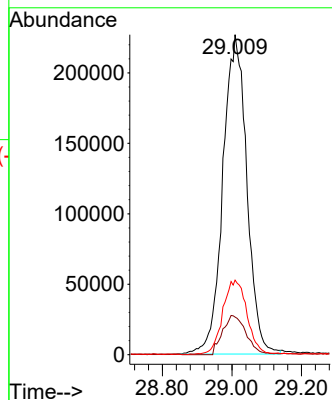
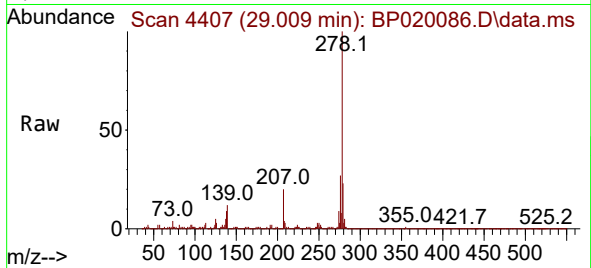
Tgt Ion:278 Resp: 1081442

Ion Ratio Lower Upper

278 100

139 11.8 9.4 14.2

279 23.3 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 30.353 ng/ul

RT: 30.121 min Scan# 4596

Delta R.T. 0.023 min

Lab File: BP020086.D

Acq: 22 Apr 2024 21:50

Tgt Ion:276 Resp: 1009932

Ion Ratio Lower Upper

276 100

138 16.0 13.5 20.3

277 23.0 19.4 29.2

