

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020901.D
 Acq On : 11 Jul 2024 13:01
 Operator : MA/JU
 Sample : PB161907BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS907

Quant Time: Jul 11 23:02:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	230714	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	1030248	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	692291	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.175	188	1362238	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	896995	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1006778	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	35439	6.990	ng/uL	0.00
4) Pyridine-d5	3.669	84	419244	28.563	ng/u1	0.00
7) Phenol-d5	6.916	99	611013	32.484	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	366347	32.138	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	488146	31.499	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	504366	32.285	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	253161	31.637	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	292496	31.936	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	525633	31.739	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	579811	26.427	ng/u1	-0.01
46) Dimethylphthalate-d6	13.763	166	1580623	31.408	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	1768191	31.290	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	237905	33.225	ng/u1	-0.02
60) Fluorene-d10	15.363	176	1311073	31.755	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	271429	32.931	ng/u1	0.00
73) Anthracene-d10	17.269	188	1896636	31.347	ng/u1	0.00
81) Pyrene-d10	19.651	212	1940007	34.983	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.733	264	1578455	31.789	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	59050	10.590	ng/uL	94
5) Pyridine	3.687	79	430686	28.448	ng/u1	99
6) Benzaldehyde	6.887	77	298788	31.509	ng/u1	98
8) Phenol	6.940	94	623489	32.758	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.157	93	502474	31.957	ng/u1	99
12) 2-Chlorophenol	7.299	128	500236	32.206	ng/u1	99
13) 2-Methylphenol	8.163	108	483294	32.833	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.234	45	738477	32.509	ng/u1	99
16) Acetophenone	8.540	105	795715	33.002	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.522	70	409272	32.396	ng/u1	99
18) 4-Methylphenol	8.493	108	529235	33.560	ng/u1	96
19) Hexachloroethane	8.775	117	213475	30.585	ng/u1	100
22) Nitrobenzene	8.916	77	595870	31.085	ng/u1	98
23) Isophorone	9.440	82	1160565	30.455	ng/u1	100
25) 2-Nitrophenol	9.610	139	307139	32.154	ng/u1	99
26) 2,4-Dimethylphenol	9.681	107	504417	26.779	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.904	93	709374	30.624	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	511798	31.357	ng/u1	100
30) Naphthalene	10.534	128	1612728	29.760	ng/u1	100
32) 4-Chloroaniline	10.651	127	563266	26.886	ng/u1	98
33) Hexachlorobutadiene	10.804	225	364725	29.802	ng/u1	99
34) Caprolactam	11.463	113	170542	33.919	ng/u1	95
35) 4-Chloro-3-methylphenol	11.793	107	581568	32.780	ng/u1	100
36) 2-Methylnaphthalene	12.151	142	1155111	31.052	ng/u1	100

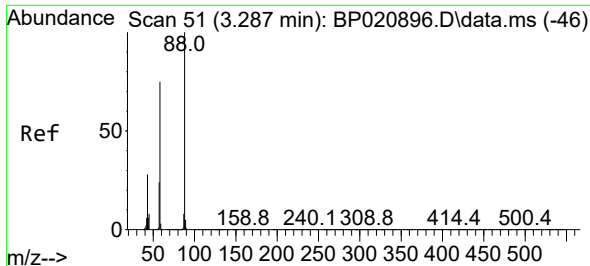
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1154958	30.188	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	688040	30.603	ng/ul	97
40) Hexachlorocyclopentadiene	12.487	237	296971	25.250	ng/ul	99
41) 2,4,6-Trichlorophenol	12.769	196	414567	29.182	ng/ul	99
42) 2,4,5-Trichlorophenol	12.845	196	457589	30.443	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	1527271	30.187	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	1216691	30.124	ng/ul	99
45) 2-Nitroaniline	13.440	65	372368	33.338	ng/ul	96
47) Dimethylphthalate	13.804	163	1549141	30.337	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	329050	32.231	ng/ul	99
50) Acenaphthylene	14.075	152	1927311	30.123	ng/ul	100
51) 3-Nitroaniline	14.269	138	298915	33.647	ng/ul	95
52) Acenaphthene	14.416	153	1267090	29.838	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	180032	33.579	ng/ul	96
55) 4-Nitrophenol	14.610	109	194553	33.402	ng/ul	97
56) Dibenzofuran	14.757	168	1802382	30.994	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	464143	33.119	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.992	232	351460	27.306	ng/ul	98
59) Diethylphthalate	15.204	149	1594637	31.247	ng/ul	99
61) Fluorene	15.428	166	1442876	30.406	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	768780	29.856	ng/ul	98
63) 4-Nitroaniline	15.463	138	277173	37.674	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.528	198	288173	32.969	ng/ul#	96
67) N-Nitrosodiphenylamine	15.645	169	1227620	30.947	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	494784	30.988	ng/ul	99
69) Hexachlorobenzene	16.451	284	561306	30.659	ng/ul	99
70) Atrazine	16.633	200	109708	7.588	ng/ul	99
71) Pentachlorophenol	16.810	266	263737	26.524	ng/ul	97
72) Phenanthrene	17.216	178	2190059	30.991	ng/ul	100
74) Anthracene	17.310	178	2170537	30.128	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	683229	31.336	ng/ul	98
76) Pentachlorobenzene	14.675	250	658772	30.407	ng/ul	100
77) Carbazole	17.604	167	1848319	31.384	ng/ul	100
78) Di-n-butylphthalate	18.180	149	2531691	31.159	ng/ul	100
80) Fluoranthene	19.310	202	2303285	34.392	ng/ul	98
82) Pyrene	19.686	202	2361421	34.651	ng/ul	99
83) Butylbenzylphthalate	20.633	149	893731	31.476	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	590004	28.785	ng/ul	98
85) Benzo(a)anthracene	21.604	228	1923548	30.613	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.521	149	1231584	30.140	ng/ul	100
87) Chrysene	21.680	228	1809759	30.996	ng/ul	100
89) Di-n-octyl phthalate	22.810	149	2009787	30.219	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	1902734	31.143	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	1839443	30.168	ng/ul	99
93) Benzo(a)pyrene	24.810	252	1654038	28.649	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.762	276	757470	10.182	ng/ul	99
95) Dibenzo(a,h)anthracene	28.874	278	2004408	32.535	ng/ul	99
96) Benzo(g,h,i)perylene	29.956	276	1967734	32.476	ng/ul	97

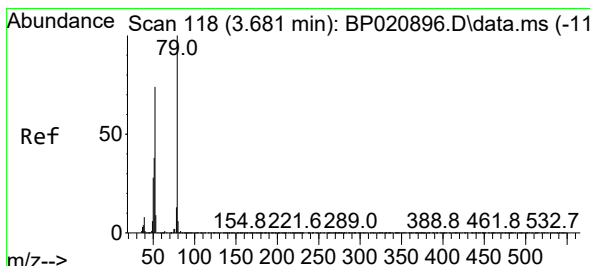
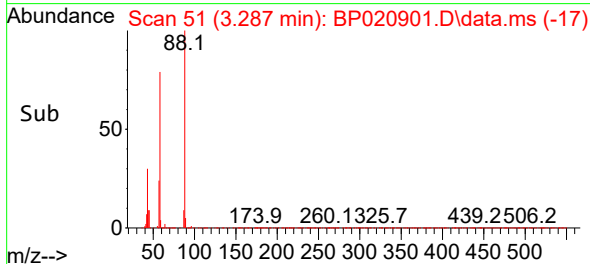
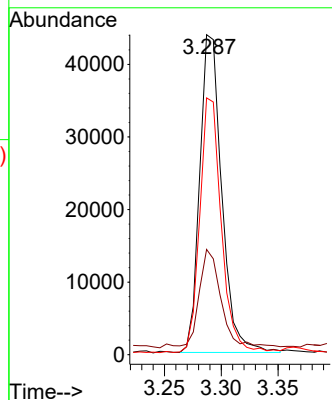
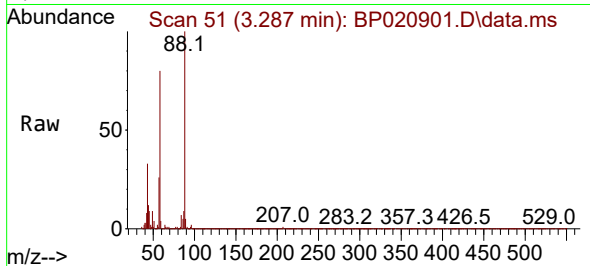
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#2
 1,4-Dioxane
 Concen: 10.590 ng/uL
 RT: 3.287 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BP020901.D
 Acq: 11 Jul 2024 13:01

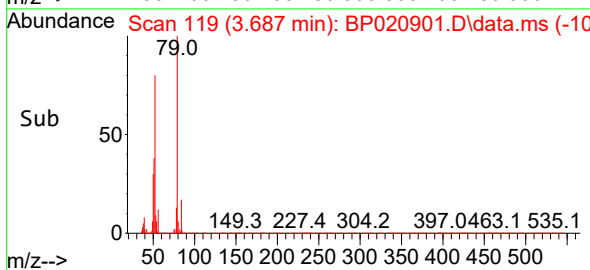
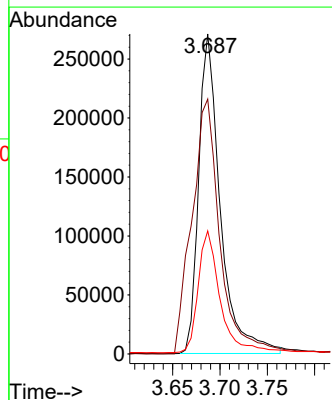
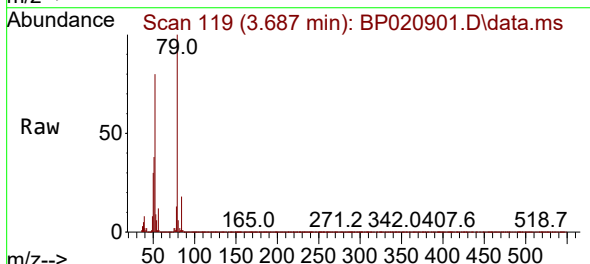
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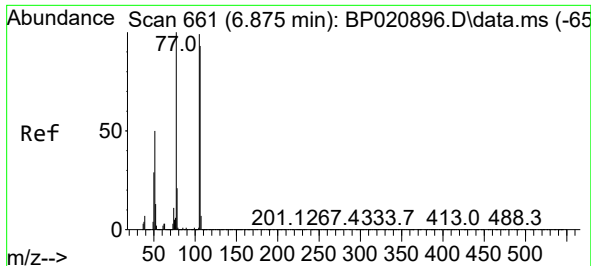
Tgt Ion: 88	Resp: 59050
Ion Ratio	Lower Upper
88 100	
43 32.9	25.4 38.0
58 80.3	59.2 88.8



#5
 Pyridine
 Concen: 28.448 ng/uL
 RT: 3.687 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: BP020901.D
 Acq: 11 Jul 2024 13:01

Tgt Ion: 79	Resp: 430686
Ion Ratio	Lower Upper
79 100	
52 79.6	64.9 97.3
51 38.5	30.5 45.7

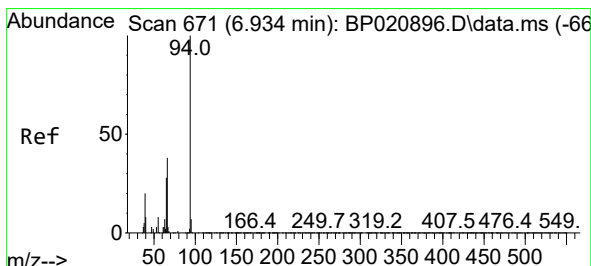
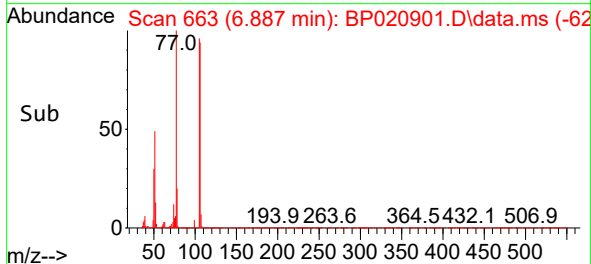
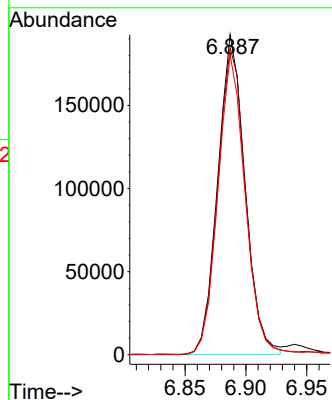
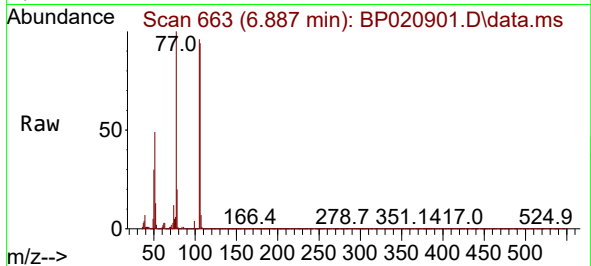




#6
Benzaldehyde
Concen: 31.509 ng/ul
RT: 6.887 min Scan# 661
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

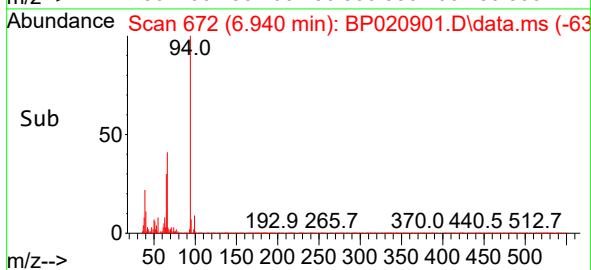
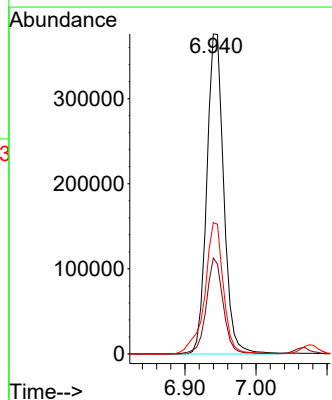
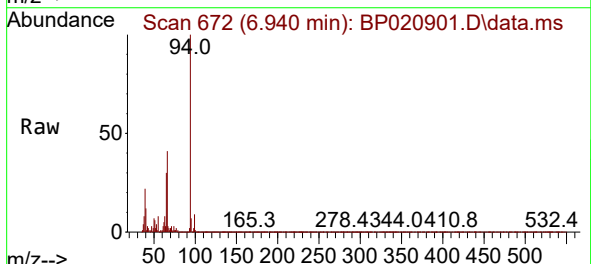
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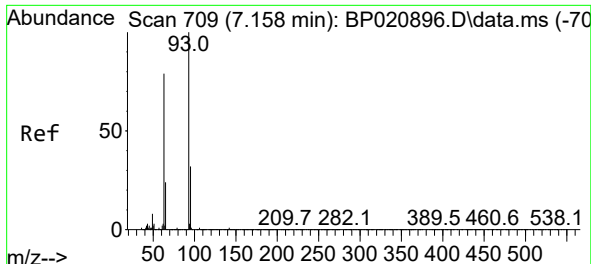
Tgt Ion: 77 Resp: 298788
Ion Ratio Lower Upper
77 100
105 95.9 79.3 118.9
106 93.8 74.6 112.0



#8
Phenol
Concen: 32.758 ng/ul
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion: 94 Resp: 623489
Ion Ratio Lower Upper
94 100
65 30.0 23.4 35.0
66 41.1 33.9 50.9

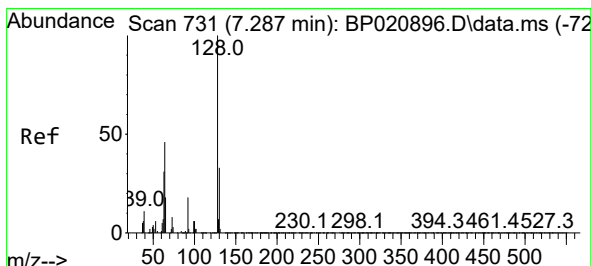
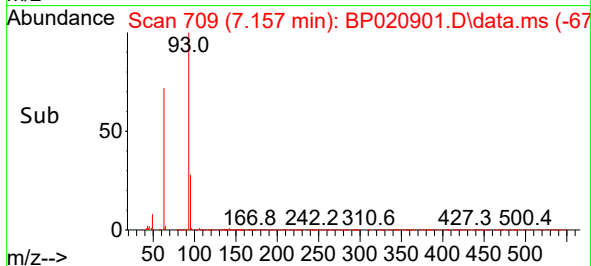
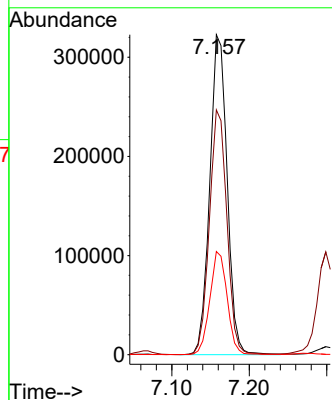
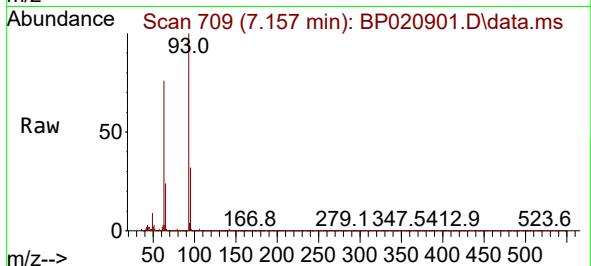




#10
Bis(2-Chloroethyl)ether
Concen: 31.957 ng/ul
RT: 7.157 min Scan# 709
Delta R.T. 0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

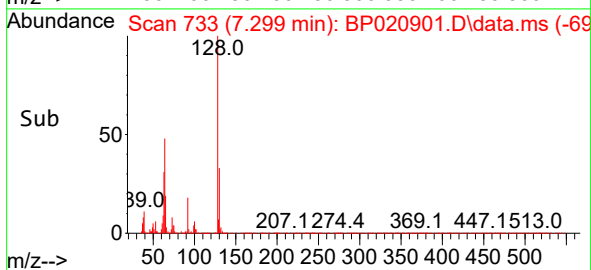
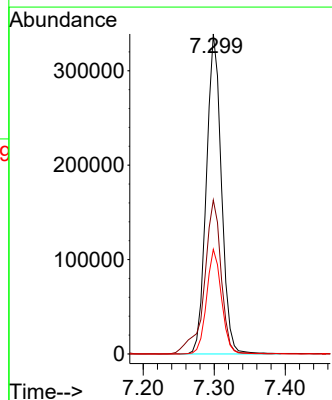
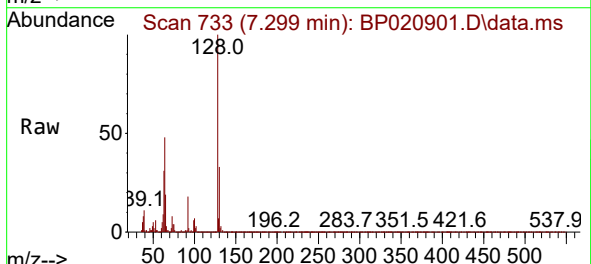
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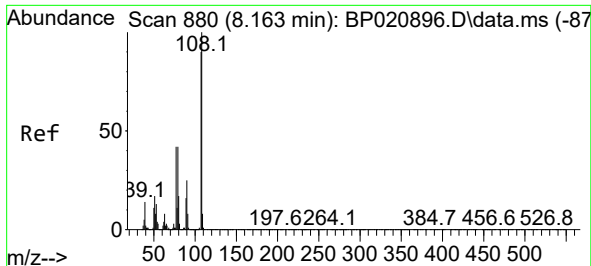
Tgt Ion: 93 Resp: 502474
Ion Ratio Lower Upper
93 100
63 76.5 61.5 92.3
95 32.2 25.1 37.7



#12
2-Chlorophenol
Concen: 32.206 ng/ul
RT: 7.299 min Scan# 733
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion: 128 Resp: 500236
Ion Ratio Lower Upper
128 100
64 48.1 37.9 56.9
130 32.7 25.6 38.4





#13

2-Methylphenol

Concen: 32.833 ng/ul

RT: 8.163 min Scan# 880

Delta R.T. -0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

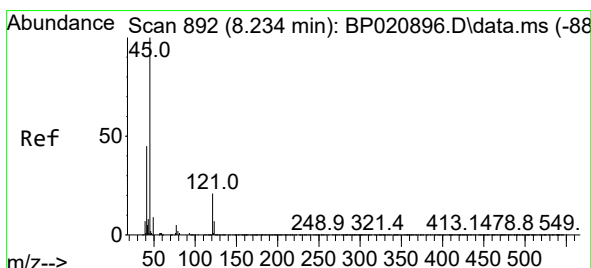
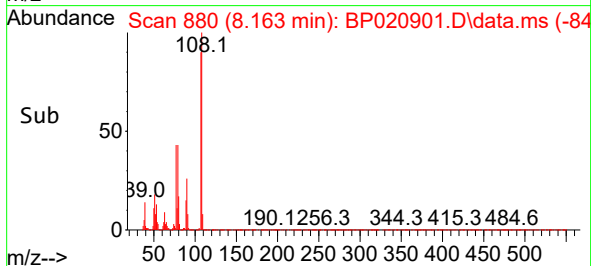
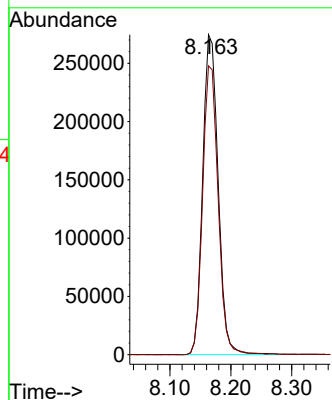
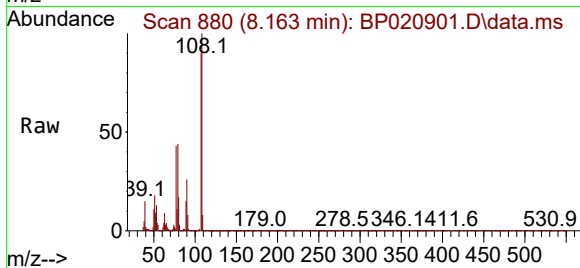
SLCS907

Tgt Ion:108 Resp: 483294

Ion Ratio Lower Upper

108 100

107 90.2 73.8 110.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.509 ng/ul

RT: 8.234 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

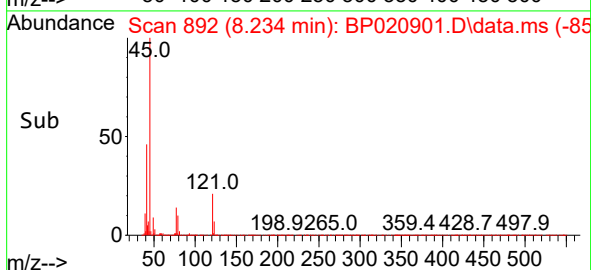
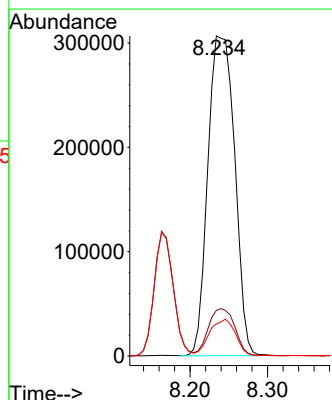
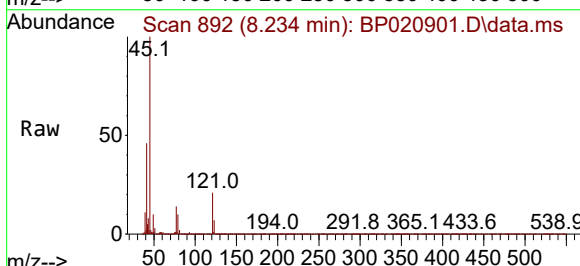
Tgt Ion: 45 Resp: 738477

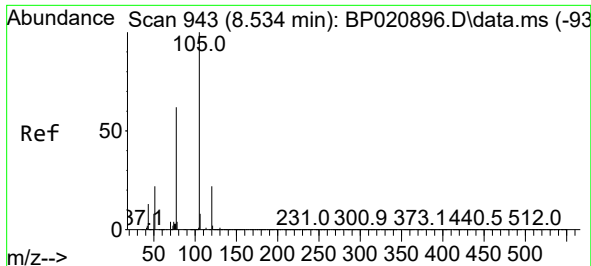
Ion Ratio Lower Upper

45 100

77 14.3 10.9 16.3

79 10.0 8.1 12.1

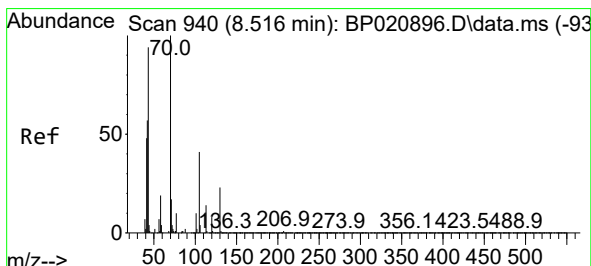
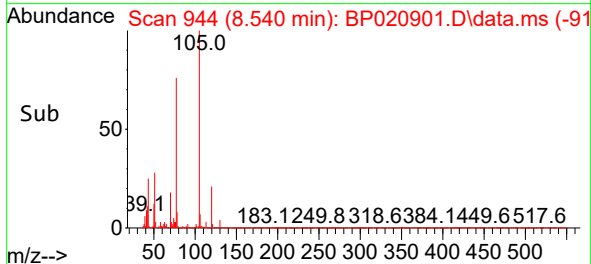
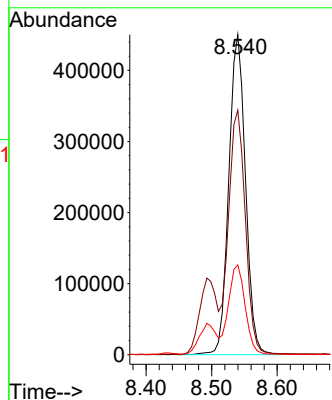
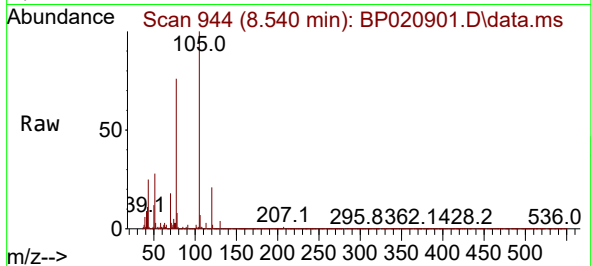




#16
Acetophenone
Concen: 33.002 ng/ul
RT: 8.540 min Scan# 943
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

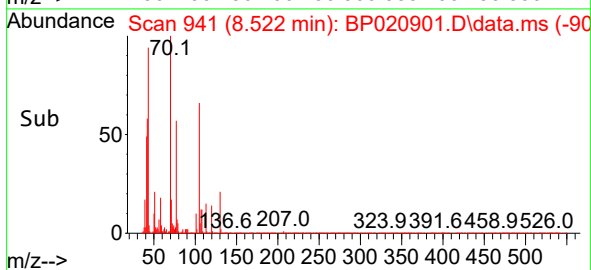
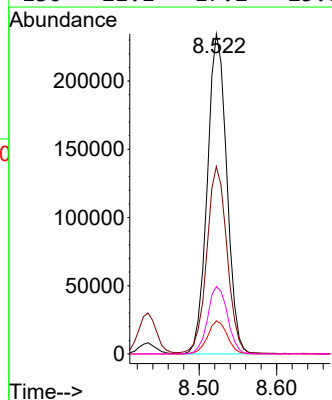
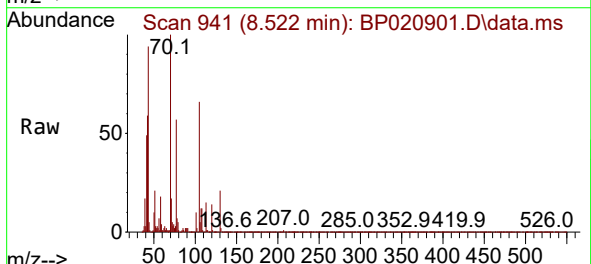
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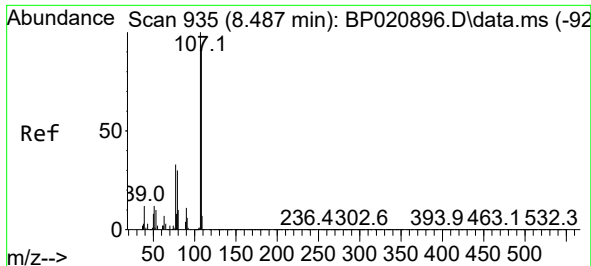
Tgt Ion:105 Resp: 795715
Ion Ratio Lower Upper
105 100
77 76.4 61.8 92.8
51 28.1 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 32.396 ng/ul
RT: 8.522 min Scan# 941
Delta R.T. 0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion: 70 Resp: 409272
Ion Ratio Lower Upper
70 100
42 58.5 46.6 69.8
101 10.4 7.4 11.0
130 21.1 17.2 25.8

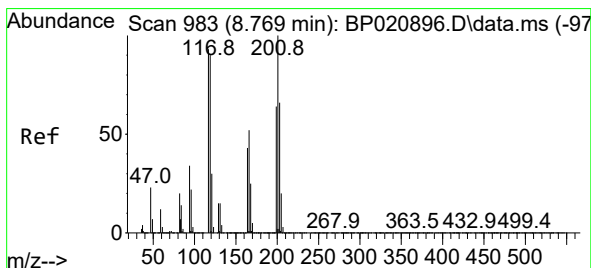
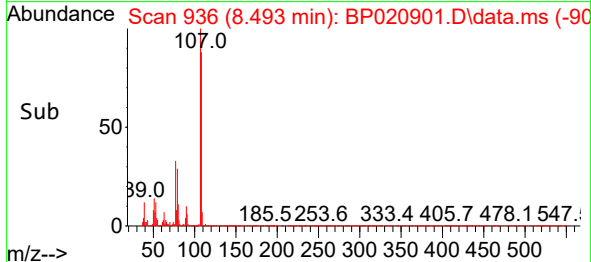
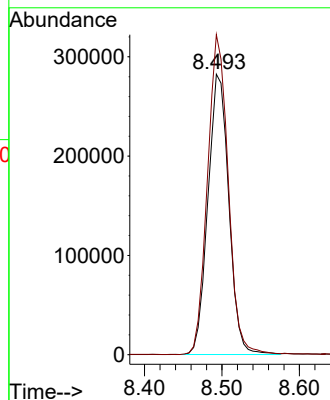
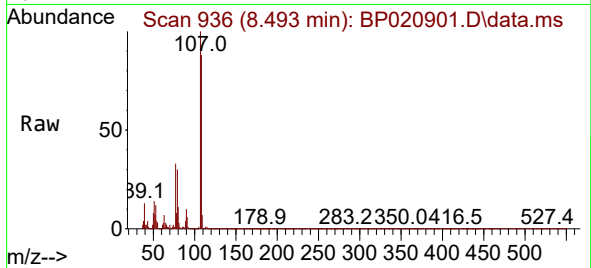




#18
4-Methylphenol
Concen: 33.560 ng/ul
RT: 8.493 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

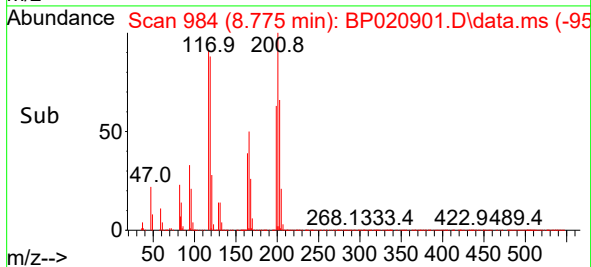
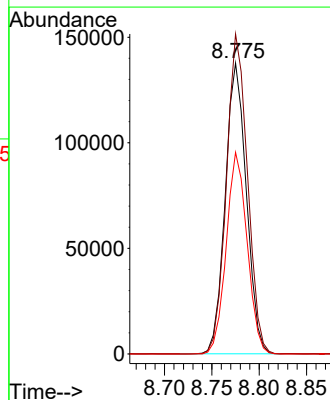
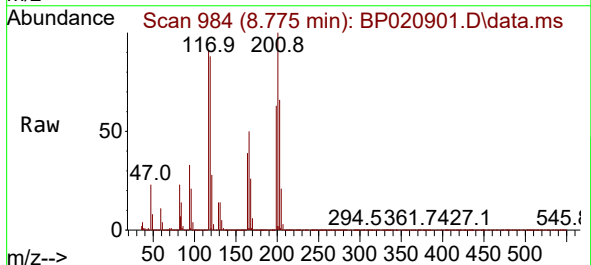
Instrument :
BNA_P
ClientSampleId :
SLCS907

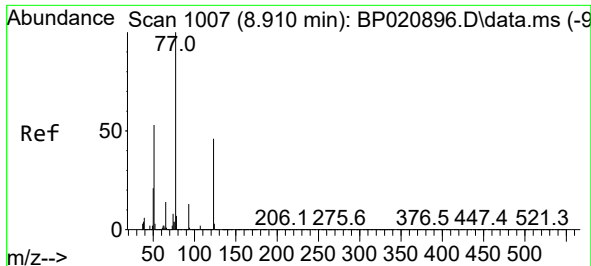
Tgt Ion:108 Resp: 529235
Ion Ratio Lower Upper
108 100
107 114.1 87.8 131.8



#19
Hexachloroethane
Concen: 30.585 ng/ul
RT: 8.775 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:117 Resp: 213475
Ion Ratio Lower Upper
117 100
201 110.0 88.2 132.2
199 69.3 55.8 83.6

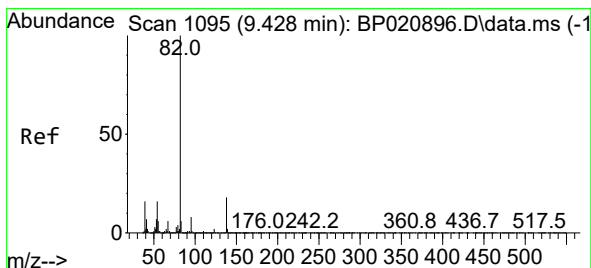
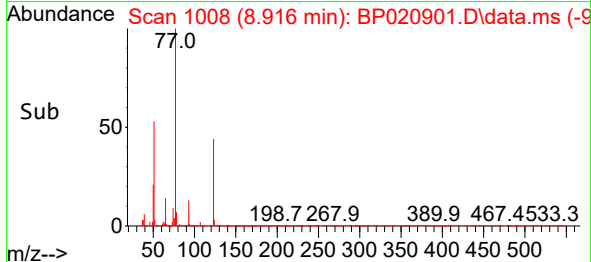
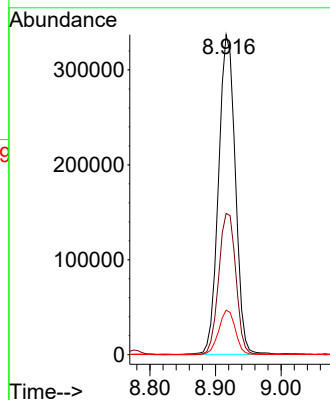
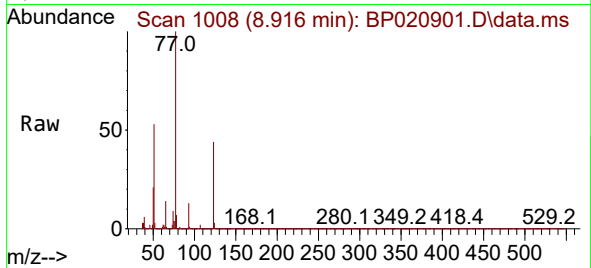




#22
Nitrobenzene
Concen: 31.085 ng/ul
RT: 8.916 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

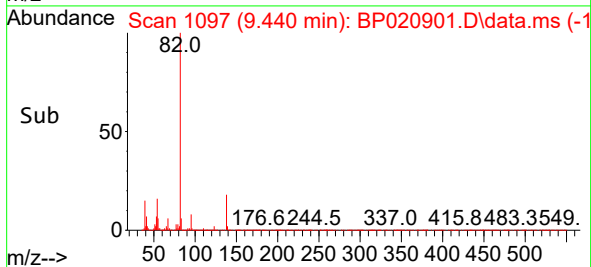
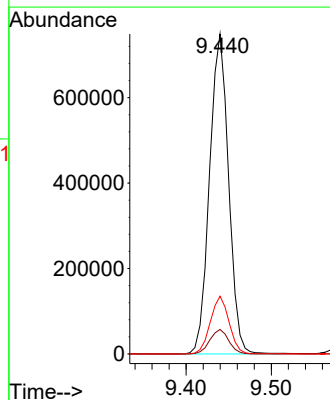
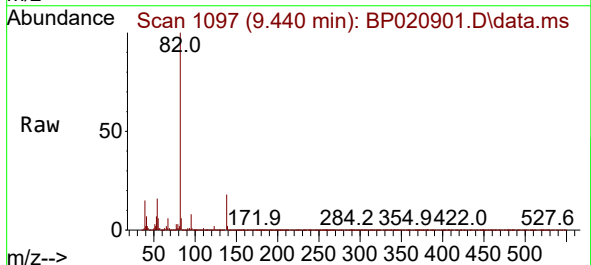
Instrument :
BNA_P
ClientSampleId :
SLCS907

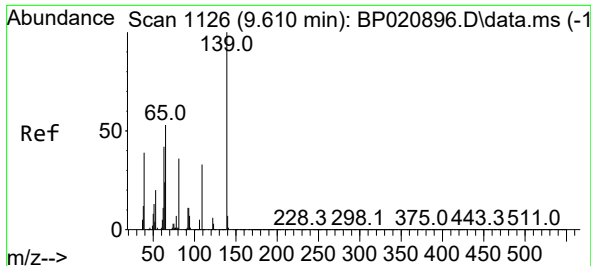
Tgt Ion: 77 Resp: 595870
Ion Ratio Lower Upper
77 100
123 44.1 36.7 55.1
65 13.9 11.1 16.7



#23
Isophorone
Concen: 30.455 ng/ul
RT: 9.440 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion: 82 Resp: 1160565
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 18.0 14.4 21.6

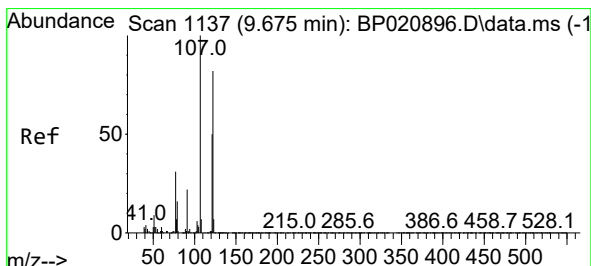
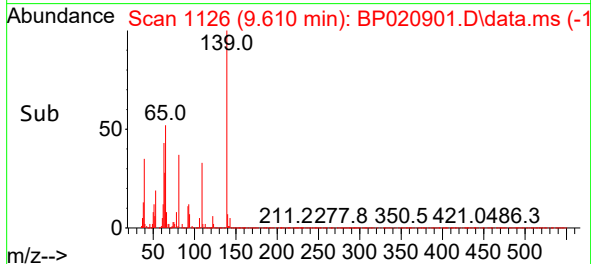
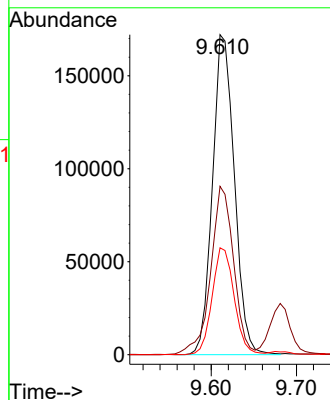
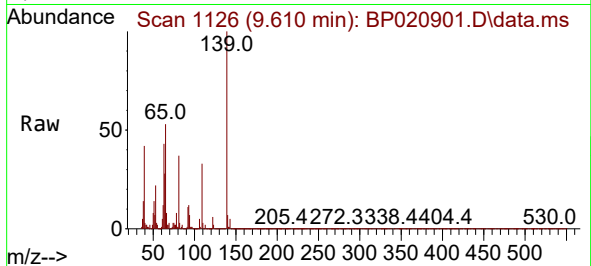




#25
2-Nitrophenol
Concen: 32.154 ng/ul
RT: 9.610 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

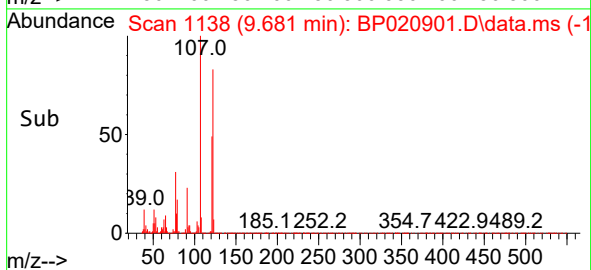
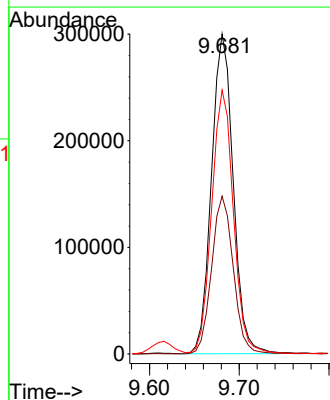
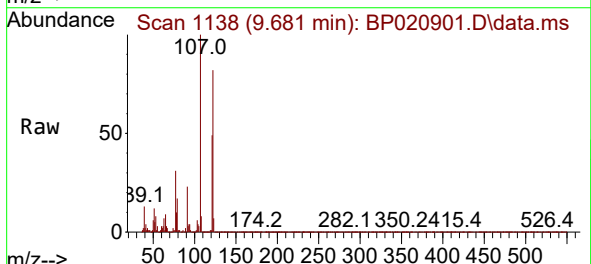
Instrument :
BNA_P
ClientSampleId :
SLCS907

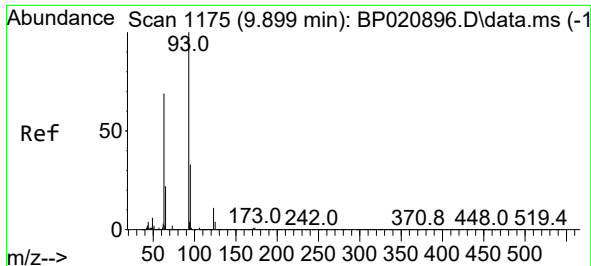
Tgt Ion:139 Resp: 307139
Ion Ratio Lower Upper
139 100
65 52.6 42.9 64.3
109 33.4 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 26.779 ng/ul
RT: 9.681 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:107 Resp: 504417
Ion Ratio Lower Upper
107 100
121 49.3 39.6 59.4
122 82.5 66.3 99.5





#27

Bis(2-Chloroethoxy)methane

Concen: 30.624 ng/ul

RT: 9.904 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

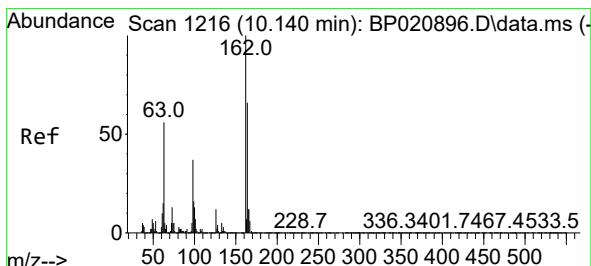
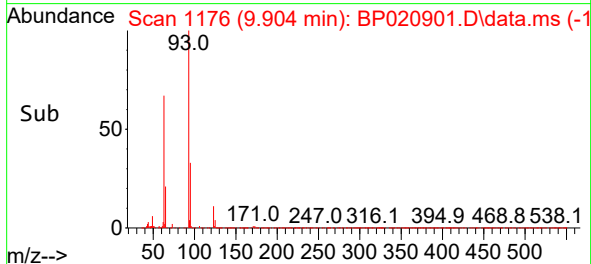
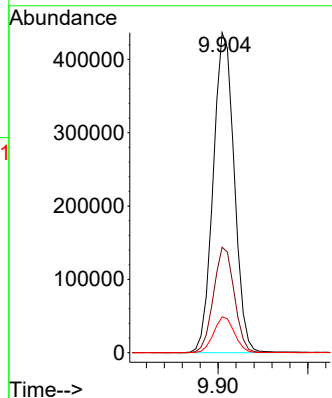
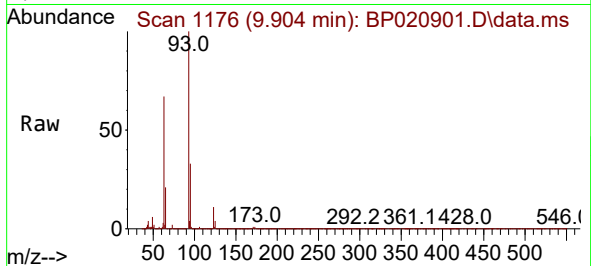
Tgt Ion: 93 Resp: 709374

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 11.2 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 31.357 ng/ul

RT: 10.157 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

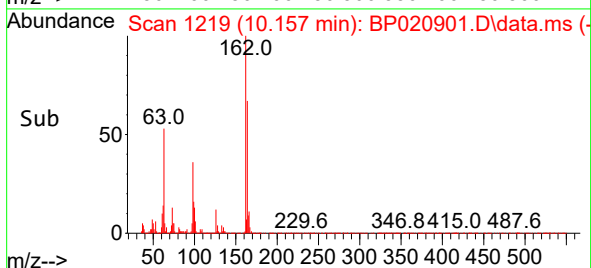
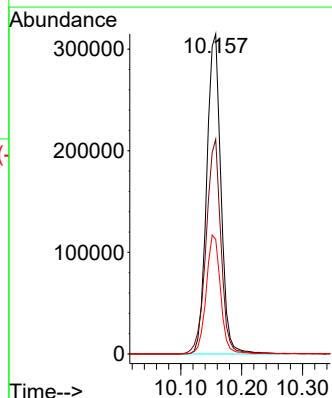
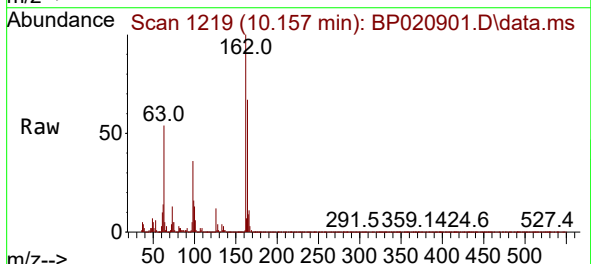
Tgt Ion:162 Resp: 511798

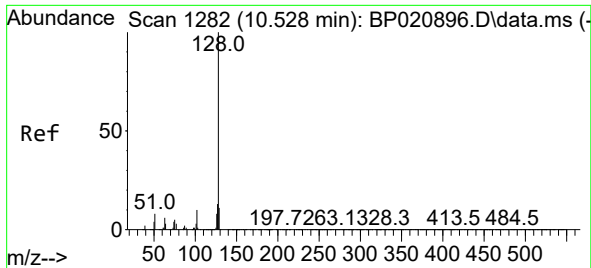
Ion Ratio Lower Upper

162 100

164 67.1 53.3 79.9

98 35.8 28.7 43.1

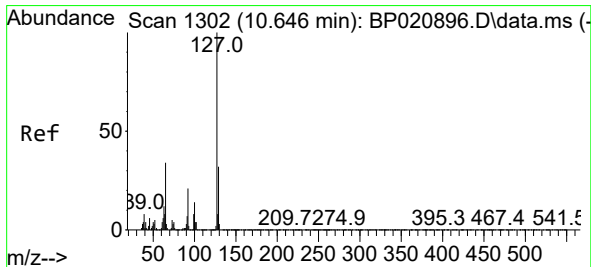
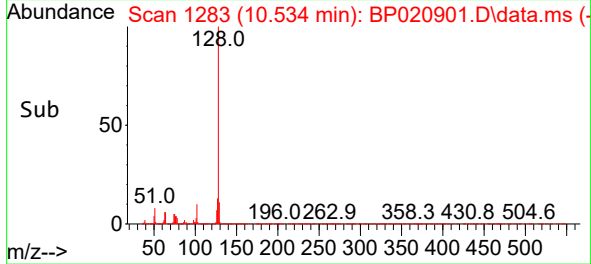
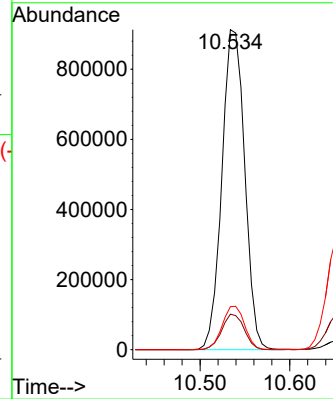
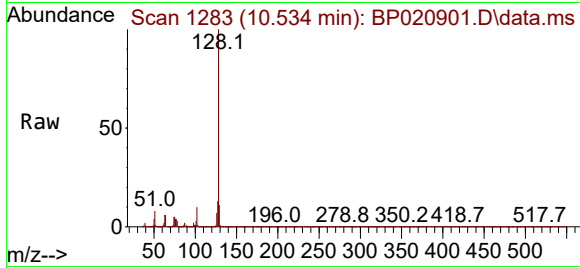




#30
Naphthalene
Concen: 29.760 ng/ul
RT: 10.534 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

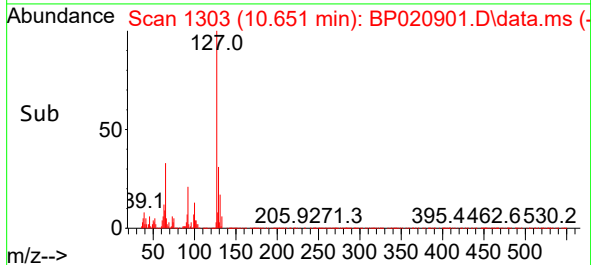
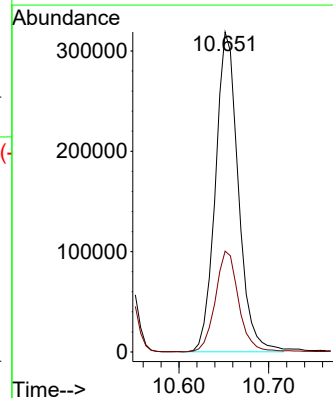
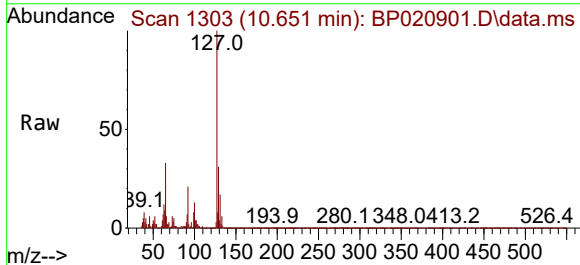
Instrument :
BNA_P
ClientSampleId :
SLCS907

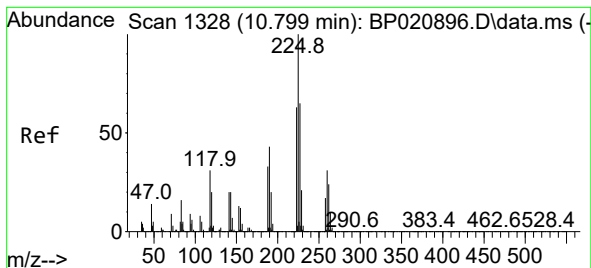
Tgt Ion:128 Resp: 1612728
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2



#32
4-Chloroaniline
Concen: 26.886 ng/ul
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:127 Resp: 563266
Ion Ratio Lower Upper
127 100
129 31.5 26.1 39.1





#33

Hexachlorobutadiene

Concen: 29.802 ng/ul

RT: 10.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

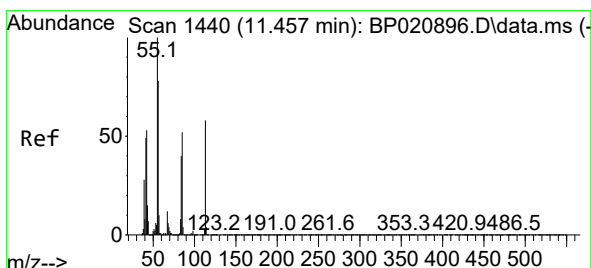
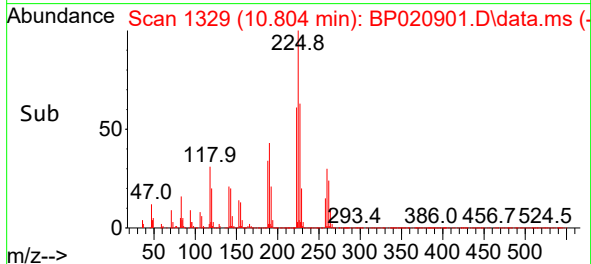
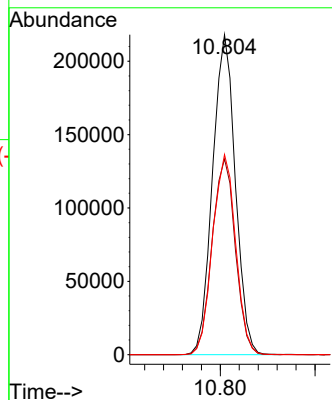
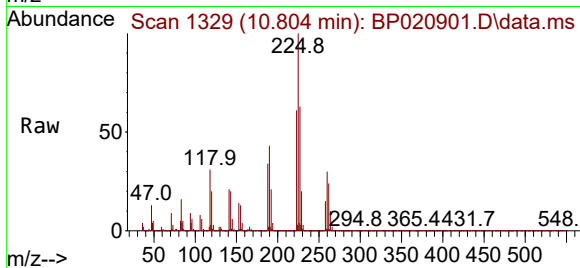
Tgt Ion:225 Resp: 364725

Ion Ratio Lower Upper

225 100

223 61.2 50.2 75.2

227 62.5 50.6 75.8



#34

Caprolactam

Concen: 33.919 ng/ul

RT: 11.463 min Scan# 1441

Delta R.T. 0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

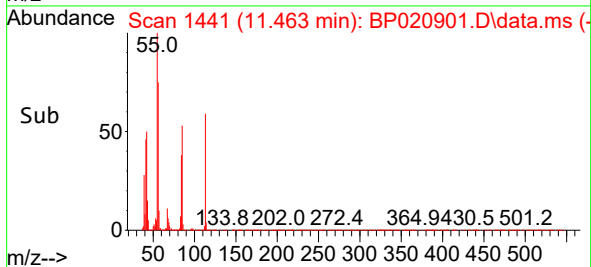
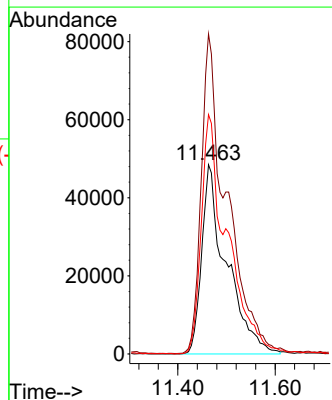
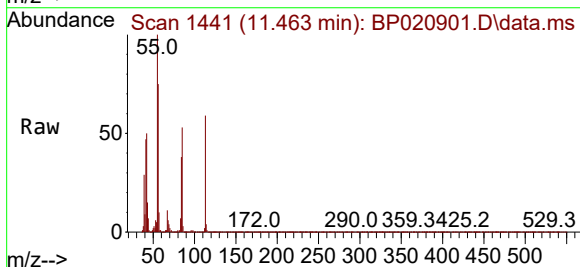
Tgt Ion:113 Resp: 170542

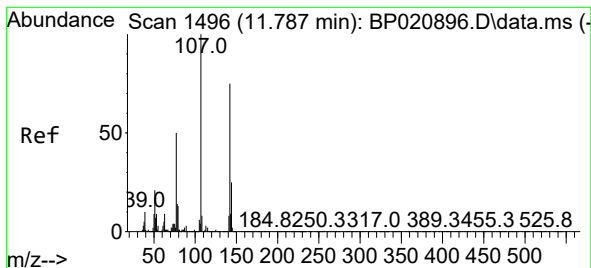
Ion Ratio Lower Upper

113 100

55 169.0 140.2 210.4

56 126.4 105.5 158.3

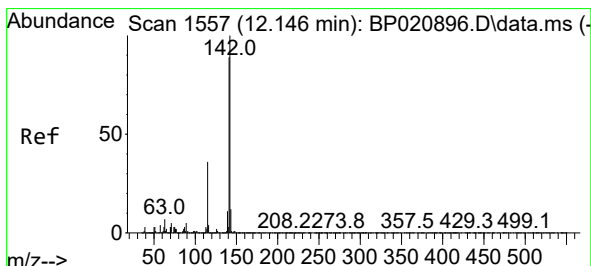
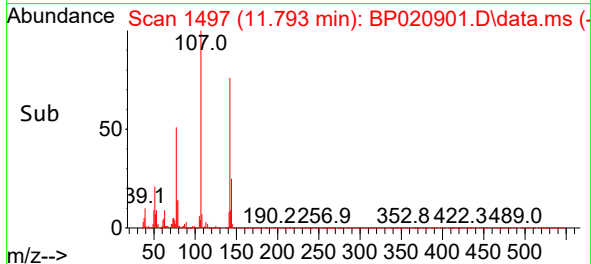
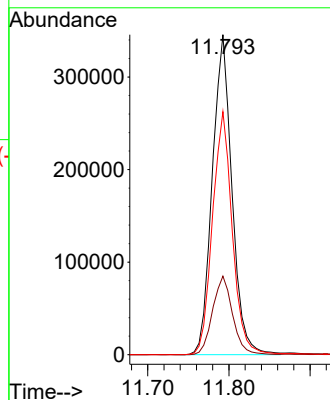
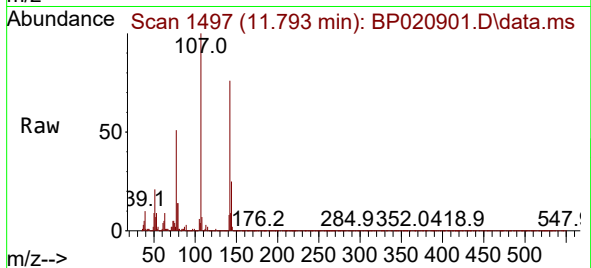




#35
4-Chloro-3-methylphenol
Concen: 32.780 ng/ul
RT: 11.793 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

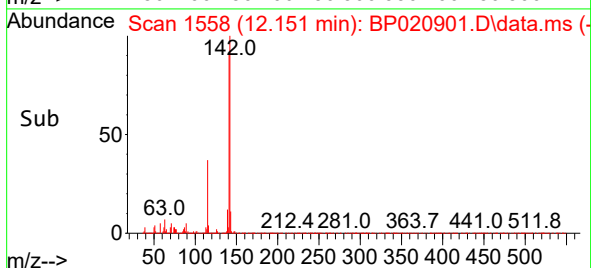
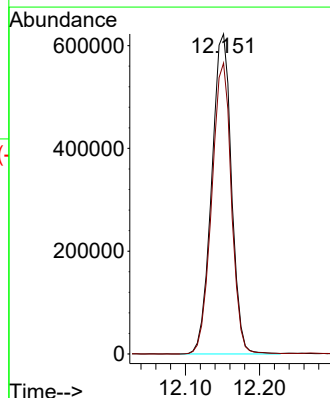
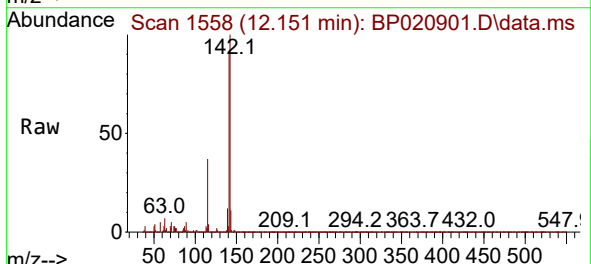
Instrument :
BNA_P
ClientSampleId :
SLCS907

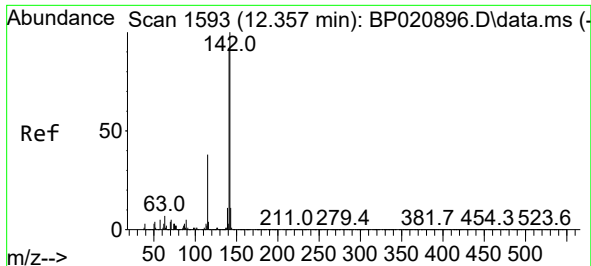
Tgt Ion:107 Resp: 581568
Ion Ratio Lower Upper
107 100
144 24.5 19.3 28.9
142 76.0 60.7 91.1



#36
2-Methylnaphthalene
Concen: 31.052 ng/ul
RT: 12.151 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:142 Resp: 1155111
Ion Ratio Lower Upper
142 100
141 90.9 72.6 108.8

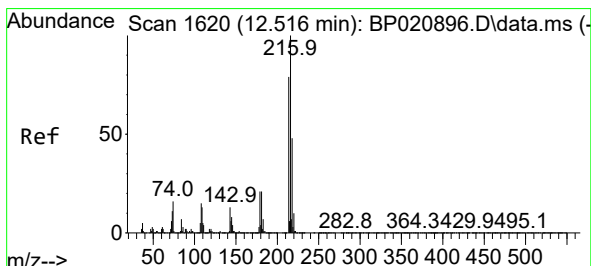
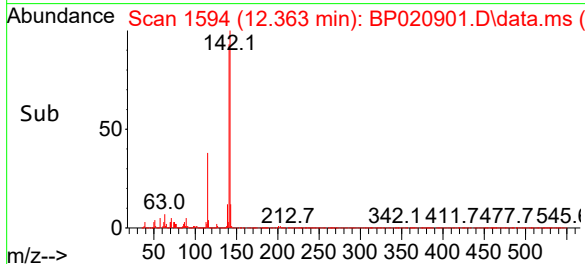
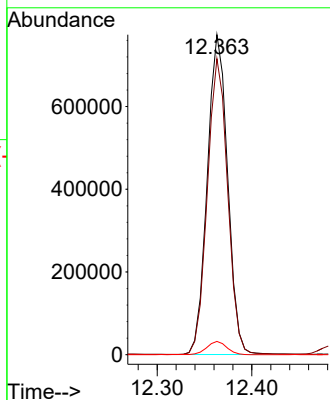
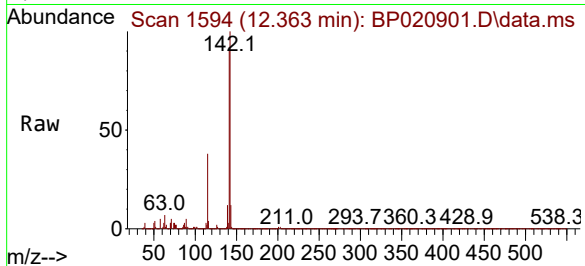




#37
1-Methylnaphthalene
Concen: 30.188 ng/ul
RT: 12.363 min Scan# 1593
Delta R.T. -0.018 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

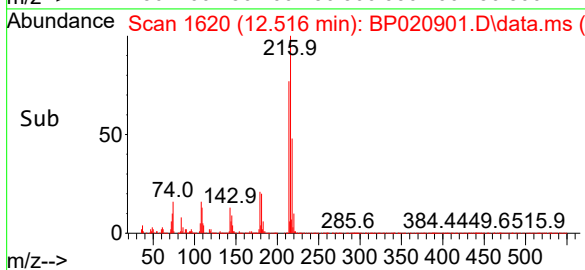
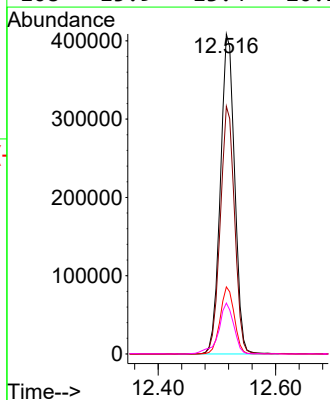
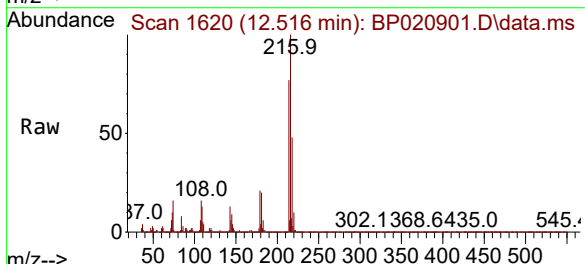
Instrument :
BNA_P
ClientSampleId :
SLCS907

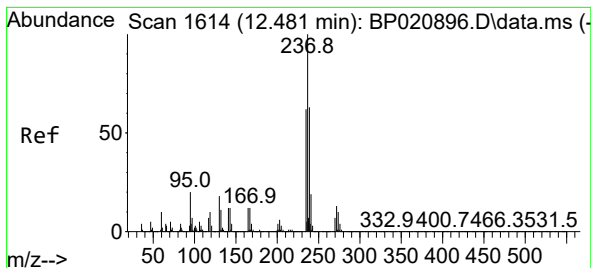
Tgt Ion:142 Resp: 1154958
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.6
116 4.1 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.603 ng/ul
RT: 12.516 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:216 Resp: 688040
Ion Ratio Lower Upper
216 100
214 77.4 64.2 96.4
179 21.0 16.6 24.8
108 15.9 13.4 20.2





#40

Hexachlorocyclopentadiene

Concen: 25.250 ng/ul

RT: 12.487 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

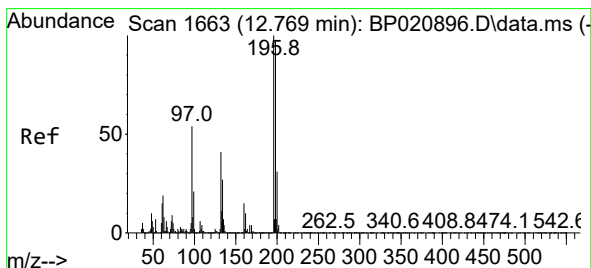
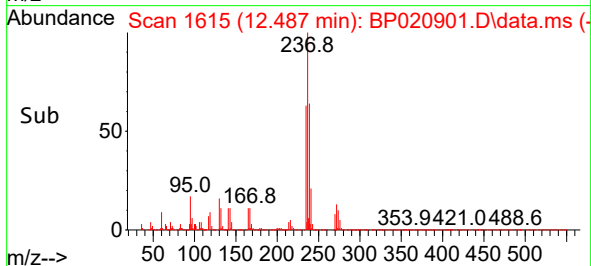
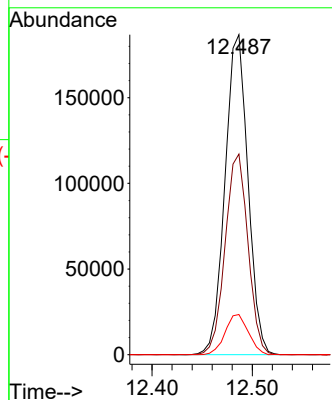
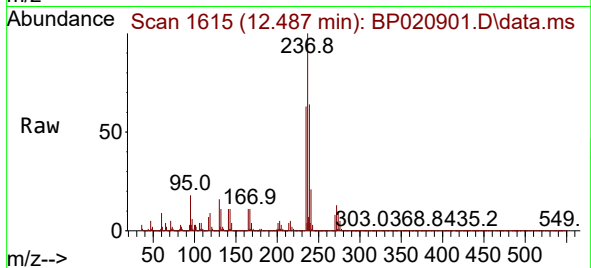
Tgt Ion:237 Resp: 296971

Ion Ratio Lower Upper

237 100

235 62.7 49.7 74.5

272 12.6 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 29.182 ng/ul

RT: 12.769 min Scan# 1663

Delta R.T. -0.012 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

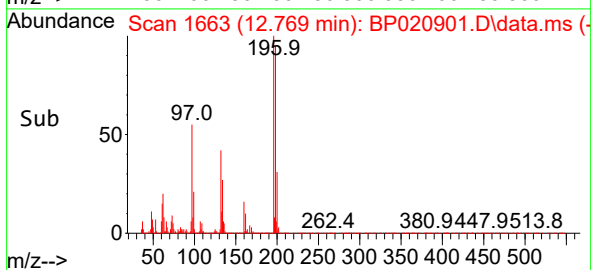
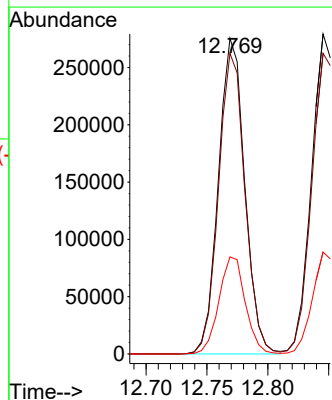
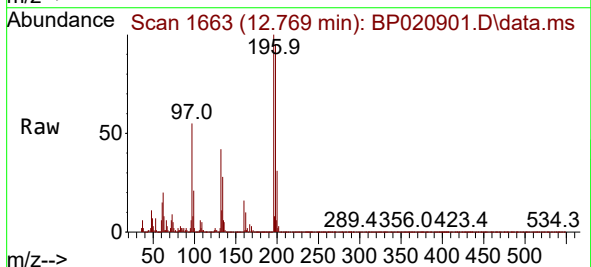
Tgt Ion:196 Resp: 414567

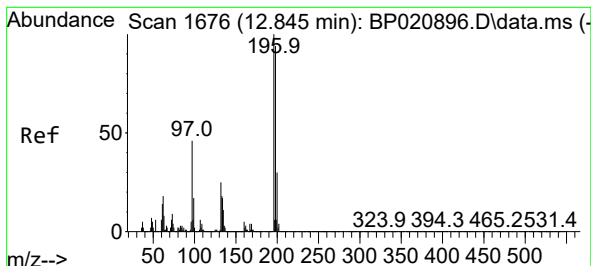
Ion Ratio Lower Upper

196 100

198 95.2 76.6 115.0

200 30.8 26.0 39.0

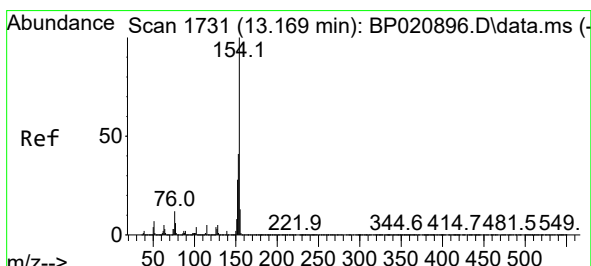
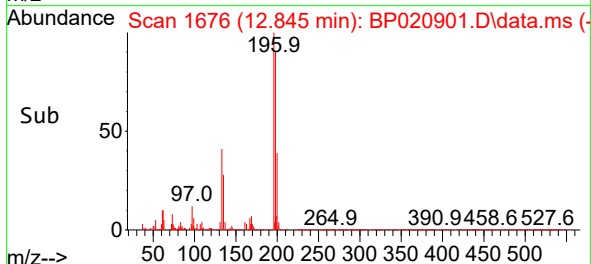
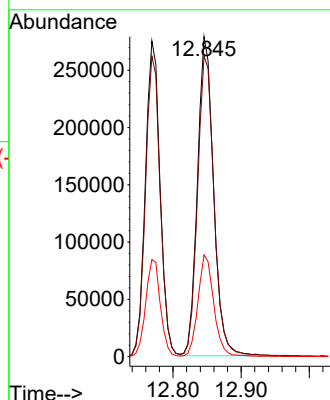
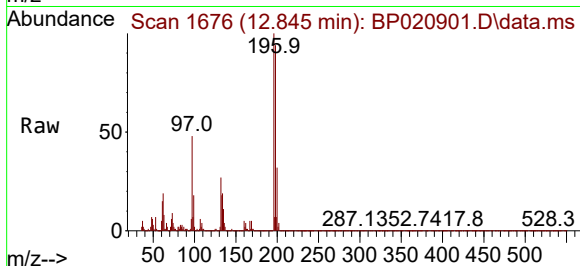




#42
2,4,5-Trichlorophenol
Concen: 30.443 ng/ul
RT: 12.845 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

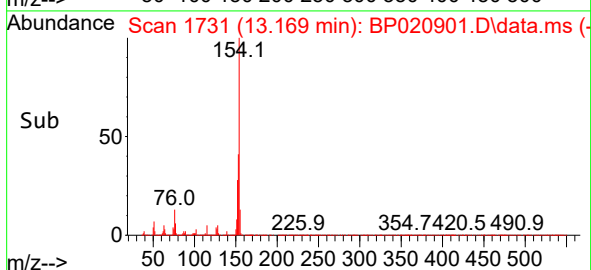
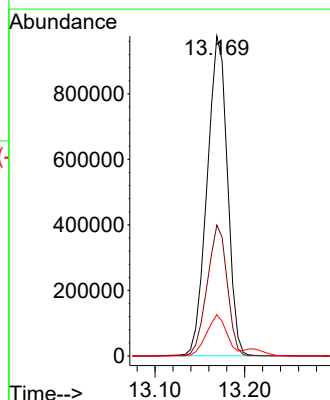
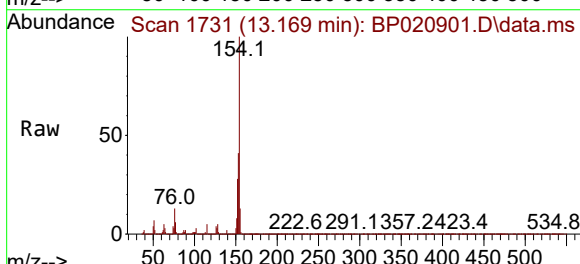
Instrument :
BNA_P
ClientSampleId :
SLCS907

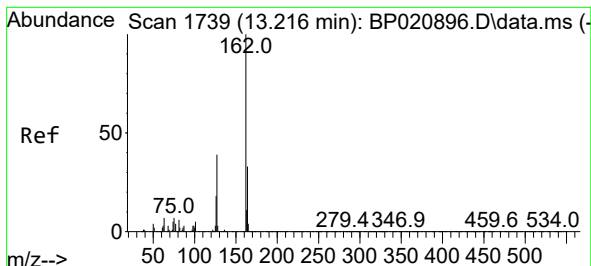
Tgt Ion:196 Resp: 457589
Ion Ratio Lower Upper
196 100
198 93.9 77.1 115.7
200 31.8 25.3 37.9



#43
1,1'-Biphenyl
Concen: 30.187 ng/ul
RT: 13.169 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:154 Resp: 1527271
Ion Ratio Lower Upper
154 100
153 40.9 32.7 49.1
76 12.9 9.4 14.2

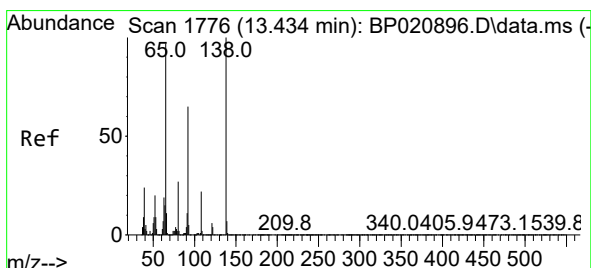
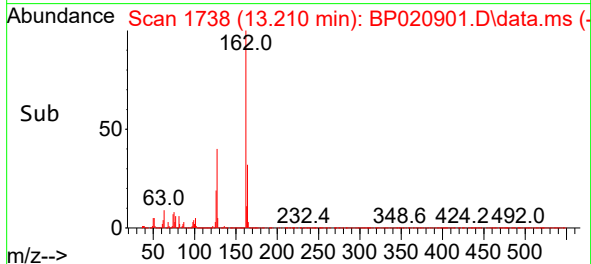
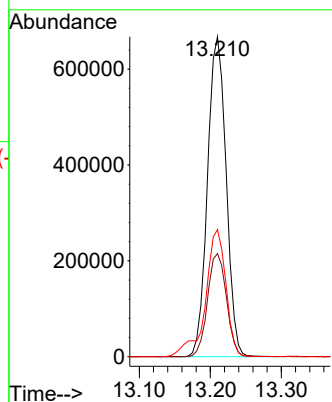
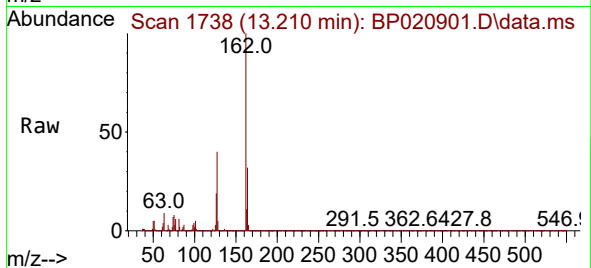




#44
2-Chloronaphthalene
Concen: 30.124 ng/ul
RT: 13.210 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

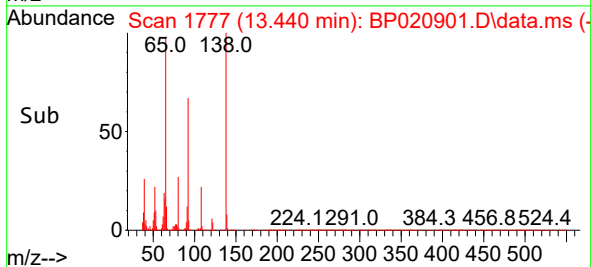
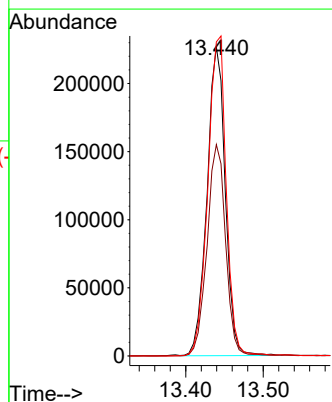
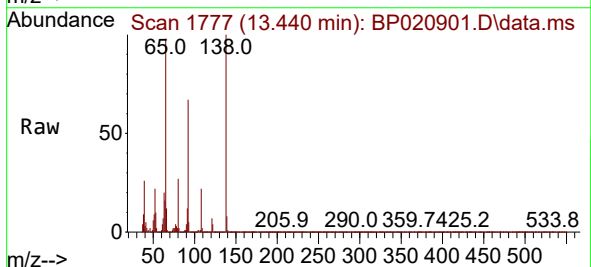
Instrument :
BNA_P
ClientSampleId :
SLCS907

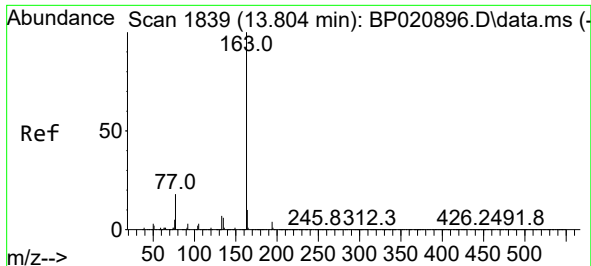
Tgt Ion:162 Resp: 1216691
Ion Ratio Lower Upper
162 100
164 32.2 26.3 39.5
127 39.7 31.8 47.8



#45
2-Nitroaniline
Concen: 33.338 ng/ul
RT: 13.440 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion: 65 Resp: 372368
Ion Ratio Lower Upper
65 100
92 68.4 56.7 85.1
138 101.6 85.6 128.4

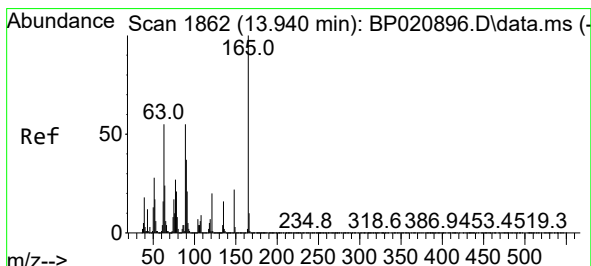
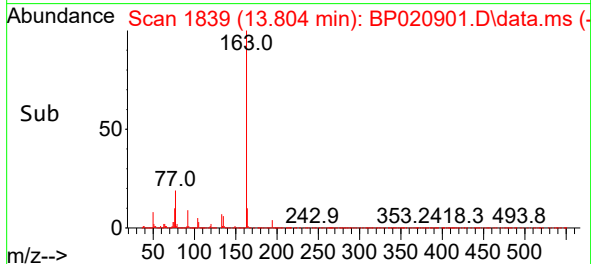
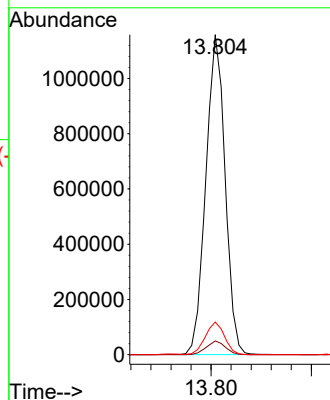
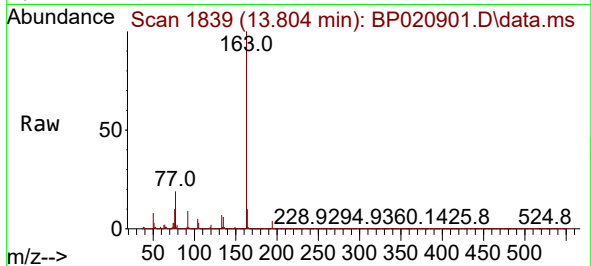




#47
Dimethylphthalate
Concen: 30.337 ng/ul
RT: 13.804 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

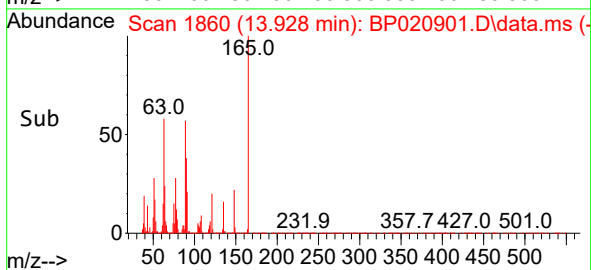
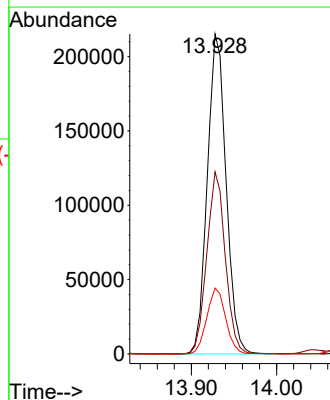
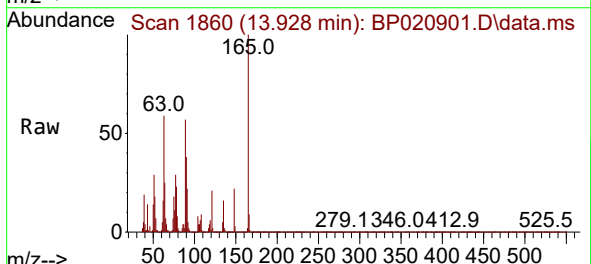
Instrument :
BNA_P
ClientSampleId :
SLCS907

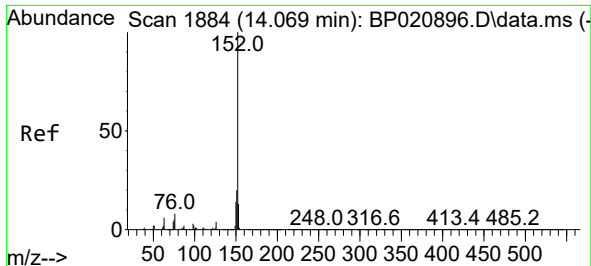
Tgt Ion:163 Resp: 1549141
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 32.231 ng/ul
RT: 13.928 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:165 Resp: 329050
Ion Ratio Lower Upper
165 100
89 56.9 44.7 67.1
121 20.6 16.5 24.7

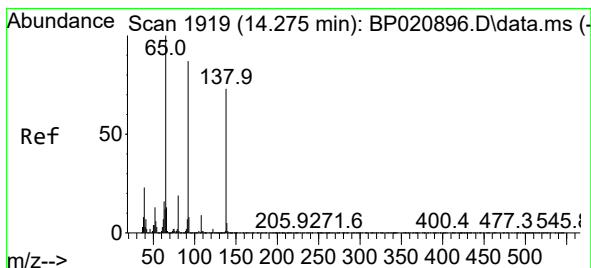
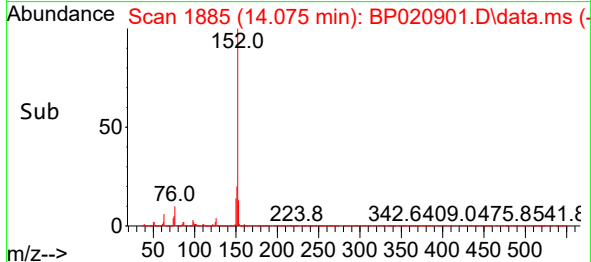
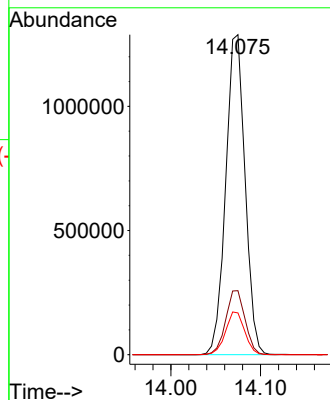
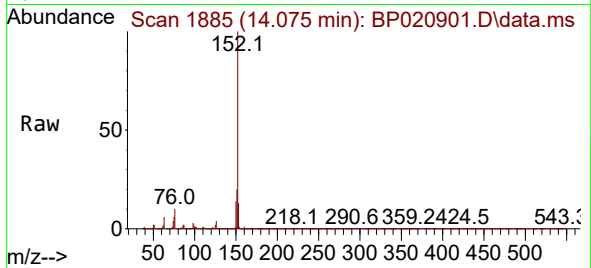




#50
Acenaphthylene
Concen: 30.123 ng/ul
RT: 14.075 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

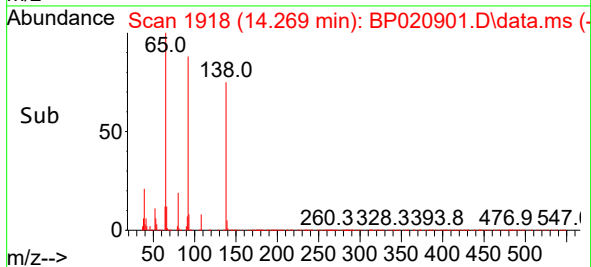
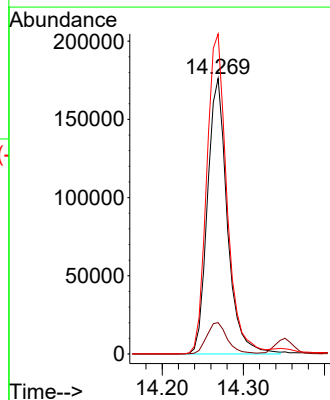
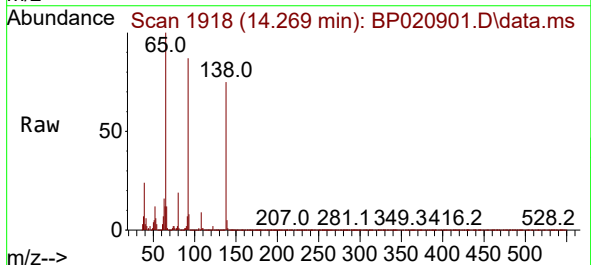
Instrument :
BNA_P
ClientSampleId :
SLCS907

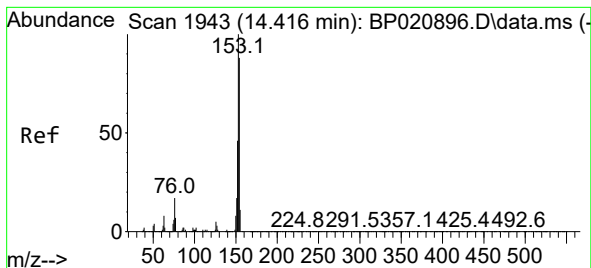
Tgt Ion:152 Resp: 1927311
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 33.647 ng/ul
RT: 14.269 min Scan# 1918
Delta R.T. -0.012 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:138 Resp: 298915
Ion Ratio Lower Upper
138 100
108 11.4 9.8 14.8
92 116.2 98.0 147.0





#52

Acenaphthene

Concen: 29.838 ng/ul

RT: 14.416 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

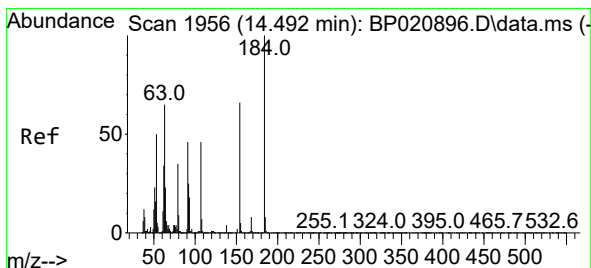
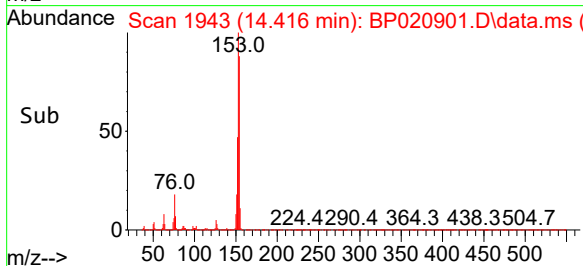
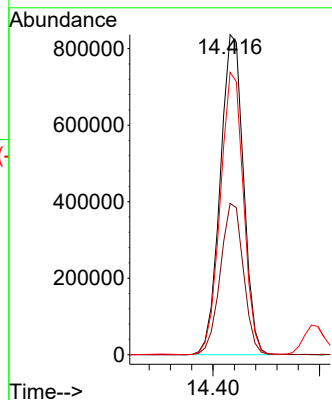
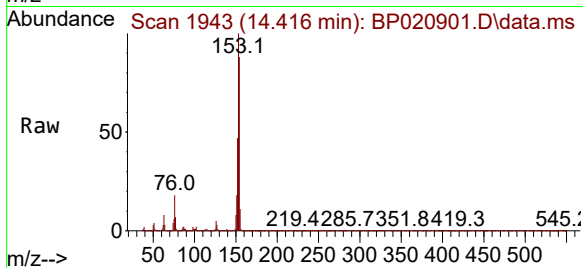
Tgt Ion:153 Resp: 1267090

Ion Ratio Lower Upper

153 100

152 47.3 37.8 56.6

154 88.3 71.8 107.6



#53

2,4-Dinitrophenol

Concen: 33.579 ng/ul

RT: 14.492 min Scan# 1956

Delta R.T. -0.012 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

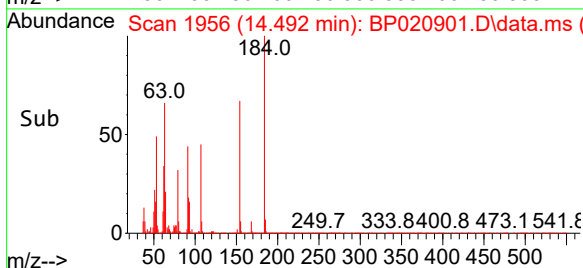
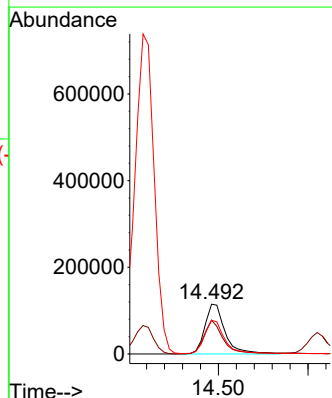
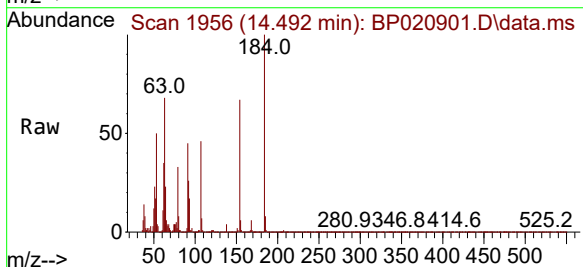
Tgt Ion:184 Resp: 180032

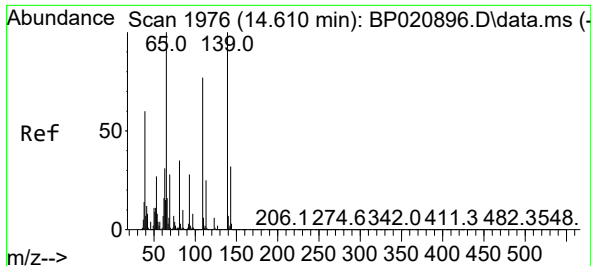
Ion Ratio Lower Upper

184 100

63 68.0 50.3 75.5

154 67.5 53.0 79.6

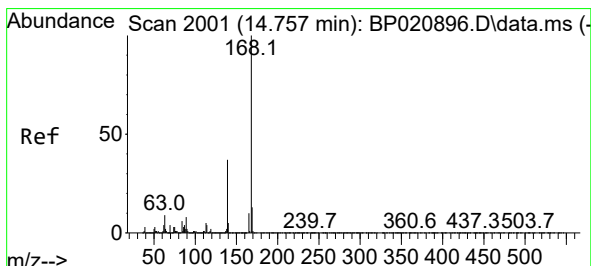
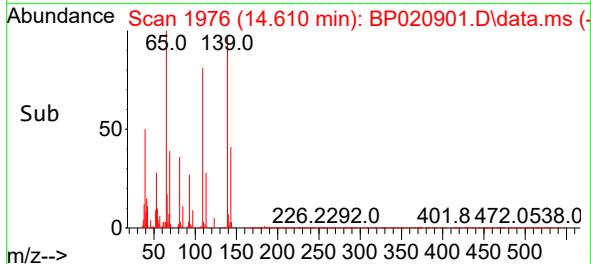
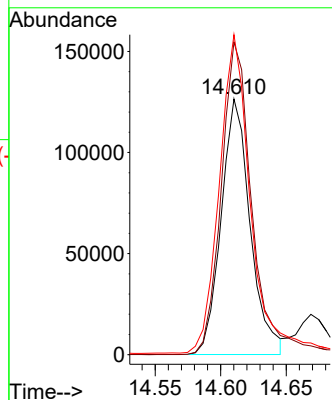
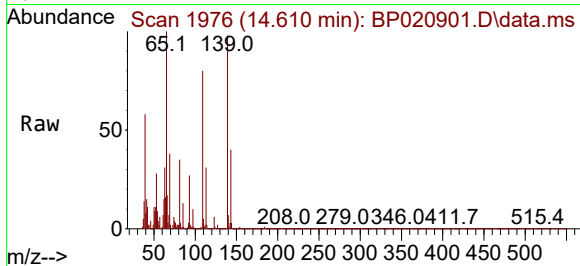




#55
4-Nitrophenol
Concen: 33.402 ng/ul
RT: 14.610 min Scan# 1976
Delta R.T. -0.012 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

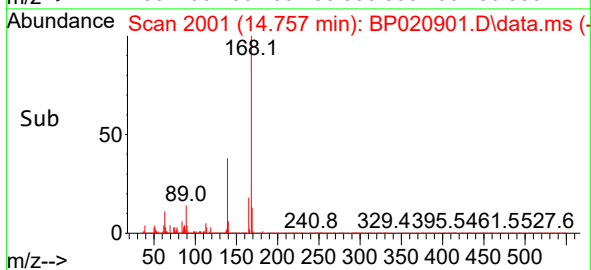
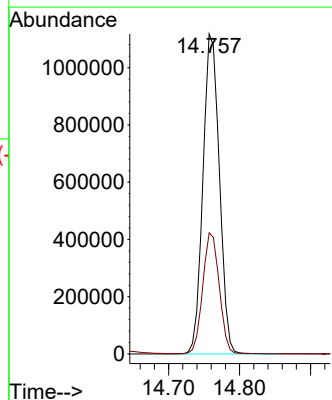
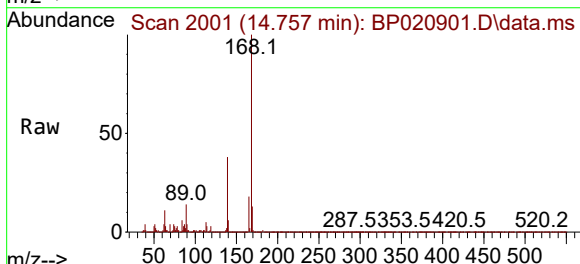
Instrument :
BNA_P
ClientSampleId :
SLCS907

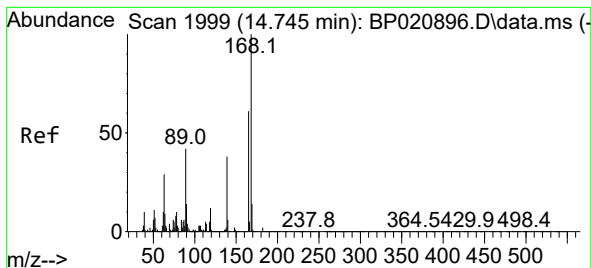
Tgt Ion:	109	Resp:	194553
Ion	Ratio	Lower	Upper
109	100		
139	122.2	98.0	147.0
65	125.1	106.0	159.0



#56
Dibenzofuran
Concen: 30.994 ng/ul
RT: 14.757 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:	168	Resp:	1802382
Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.1	46.7

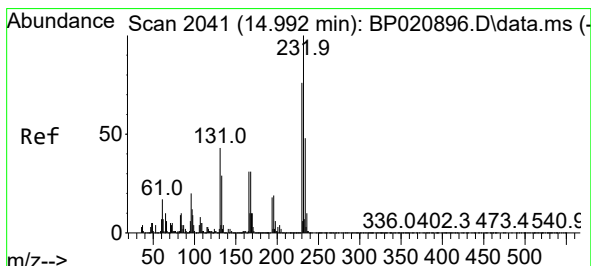
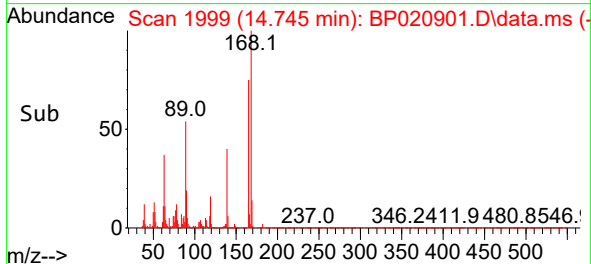
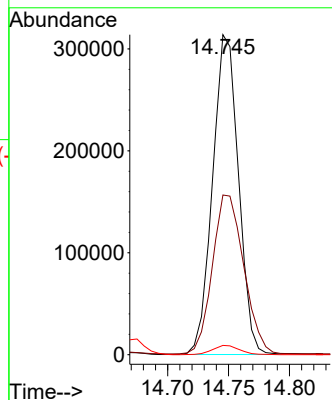
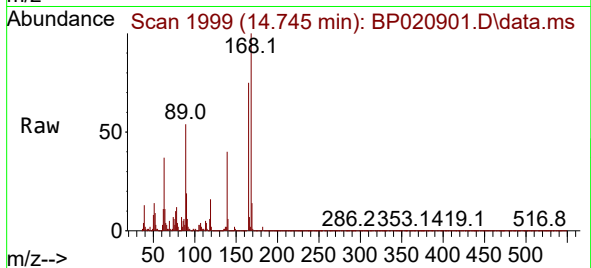




#57
2,4-Dinitrotoluene
Concen: 33.119 ng/ul
RT: 14.745 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

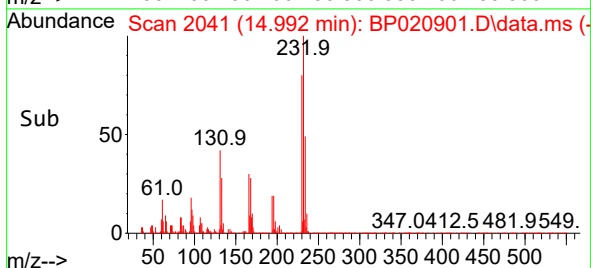
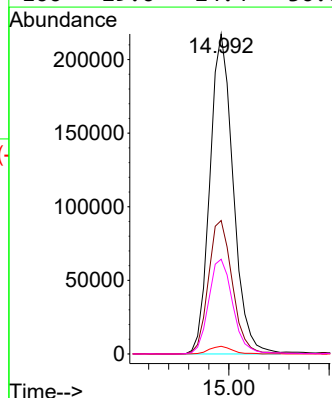
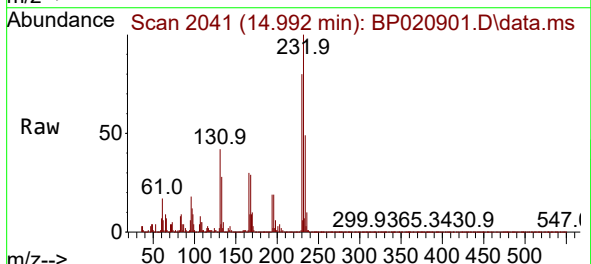
Instrument :
BNA_P
ClientSampleId :
SLCS907

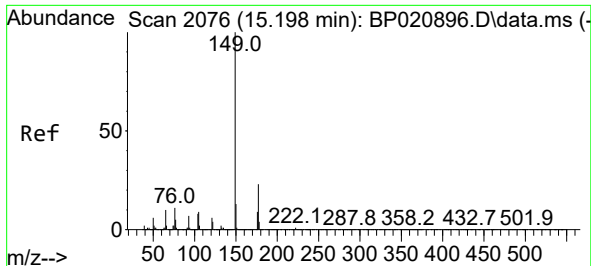
Tgt Ion:165 Resp: 464143
Ion Ratio Lower Upper
165 100
63 49.9 41.0 61.4
182 2.9 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 27.306 ng/ul
RT: 14.992 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:232 Resp: 351460
Ion Ratio Lower Upper
232 100
131 41.7 34.4 51.6
130 2.4 2.0 3.0
166 29.6 24.4 36.6

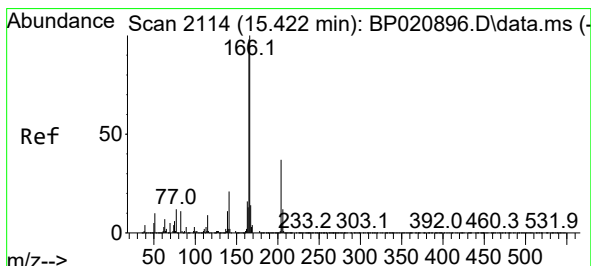
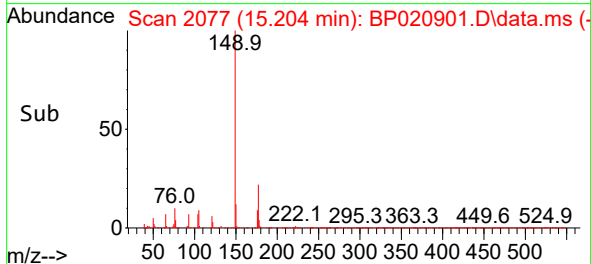
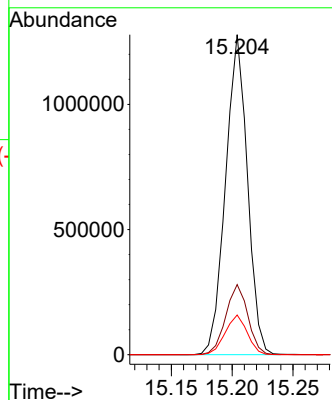
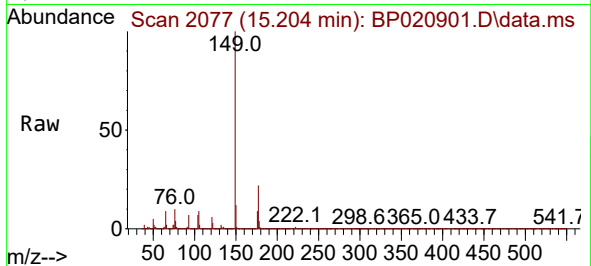




#59
Diethylphthalate
Concen: 31.247 ng/ul
RT: 15.204 min Scan# 2077
Delta R.T. 0.012 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

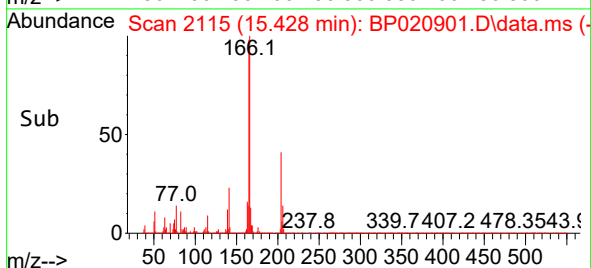
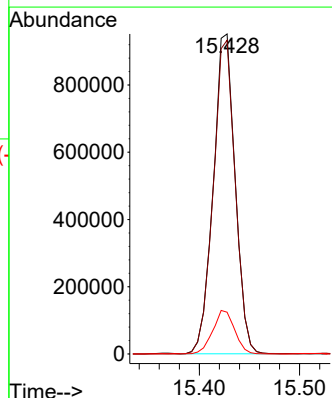
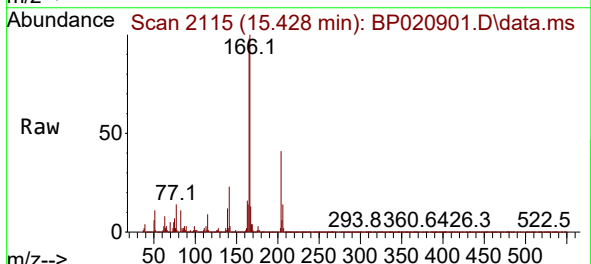
Instrument :
BNA_P
ClientSampleId :
SLCS907

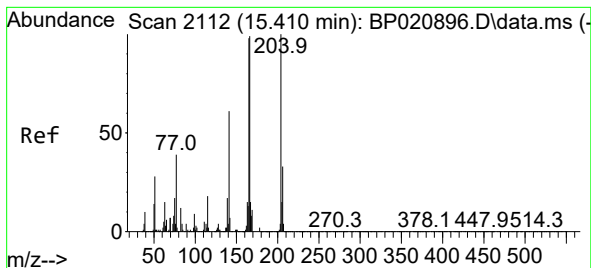
Tgt Ion:149 Resp: 1594637
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.4 10.2 15.2



#61
Fluorene
Concen: 30.406 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:166 Resp: 1442876
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.1 10.9 16.3

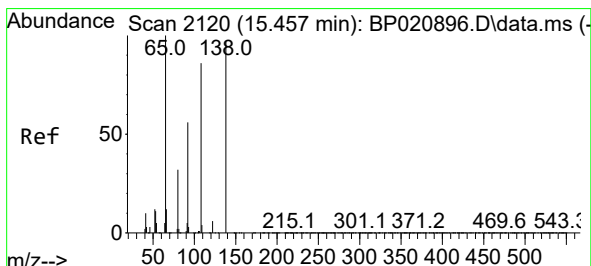
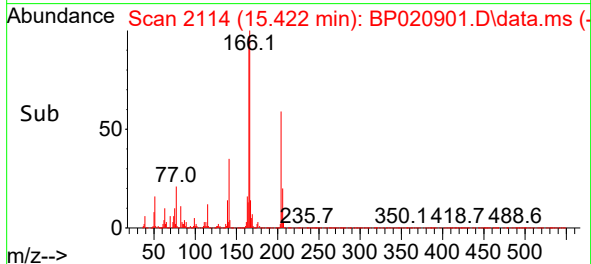
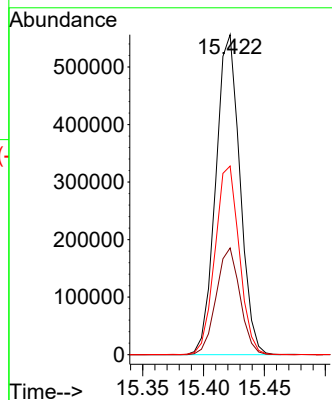
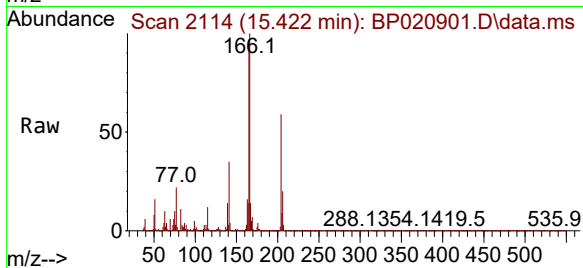




#62
4-Chlorophenyl-phenylether
Concen: 29.856 ng/ul
RT: 15.422 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

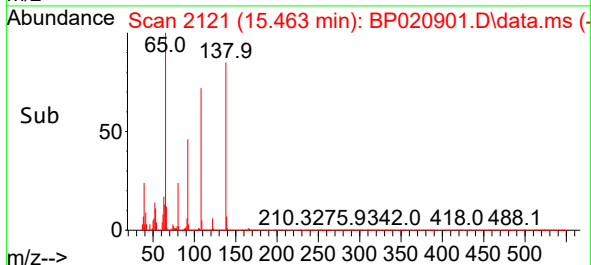
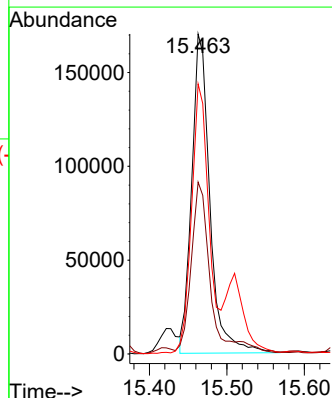
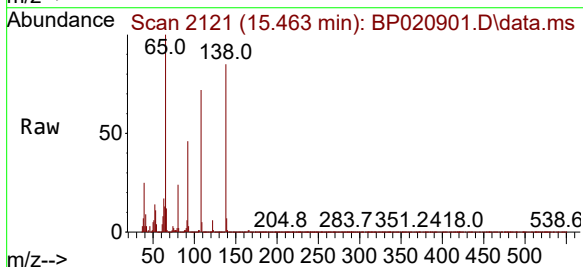
Instrument :
BNA_P
ClientSampleId :
SLCS907

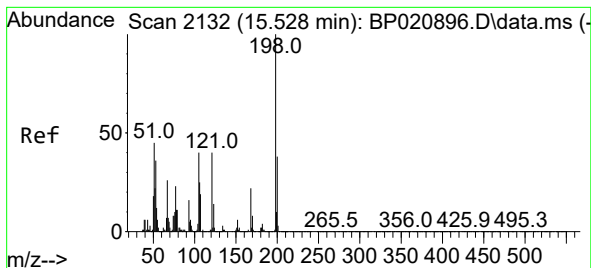
Tgt Ion:204 Resp: 768780
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 58.9 48.5 72.7



#63
4-Nitroaniline
Concen: 37.674 ng/ul
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:138 Resp: 277173
Ion Ratio Lower Upper
138 100
92 53.7 40.9 61.3
108 84.4 64.7 97.1

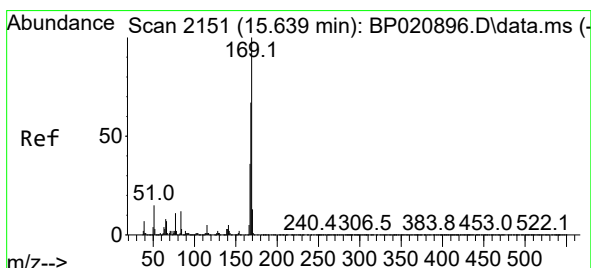
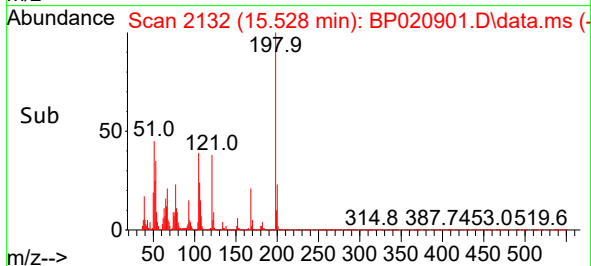
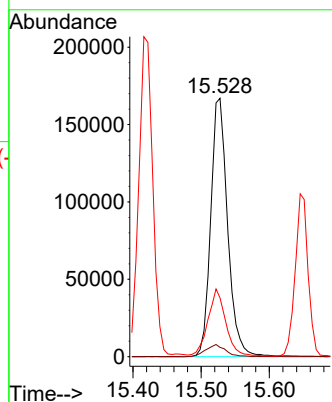
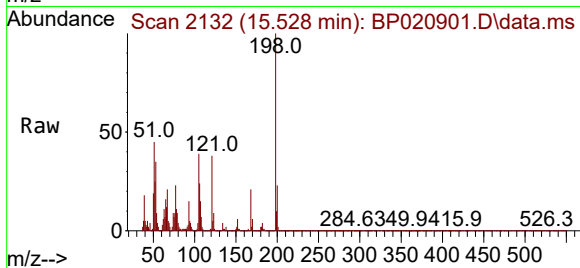




#66
4,6-Dinitro-2-methylphenol
Concen: 32.969 ng/ul
RT: 15.528 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

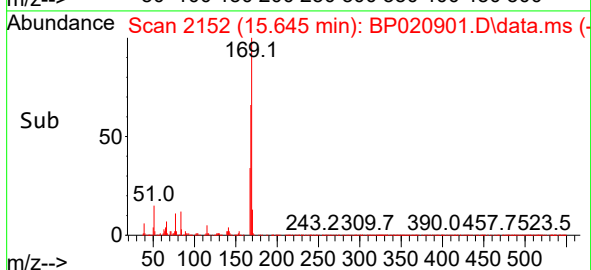
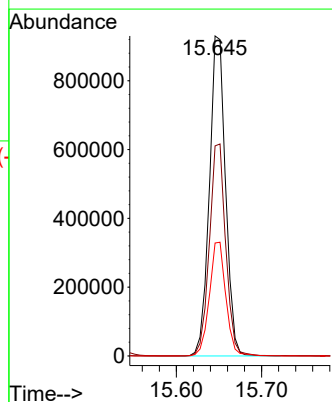
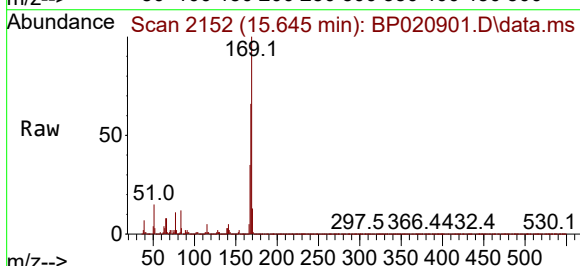
Instrument :
BNA_P
ClientSampleId :
SLCS907

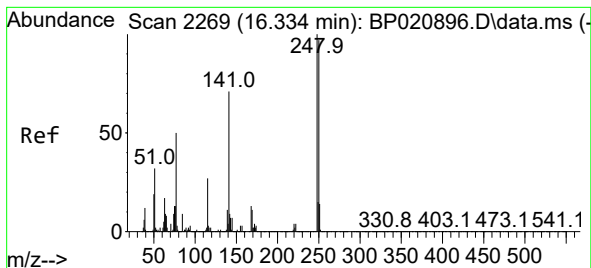
Tgt Ion:198 Resp: 288173
Ion Ratio Lower Upper
198 100
182 3.6 3.8 5.6#
77 22.7 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 30.947 ng/ul
RT: 15.645 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:169 Resp: 1227620
Ion Ratio Lower Upper
169 100
168 65.6 53.4 80.2
167 35.3 28.4 42.6

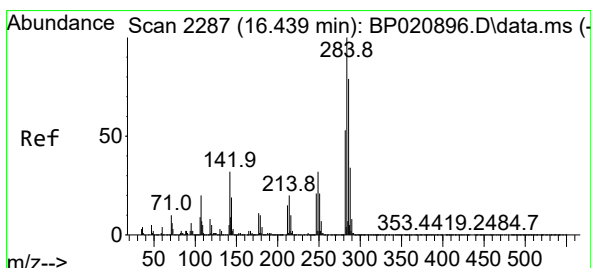
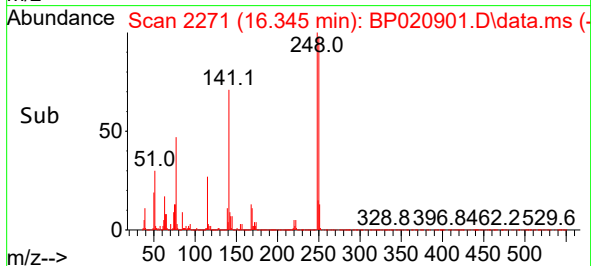
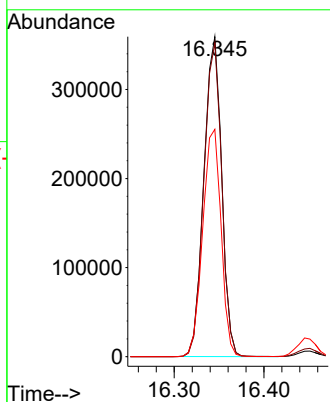
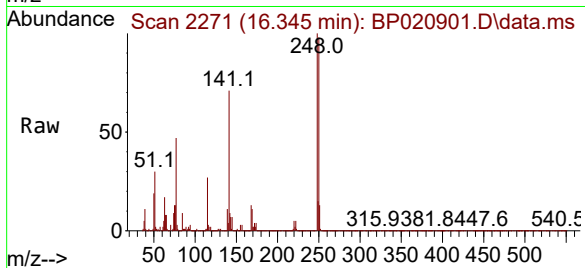




#68
4-Bromophenyl-phenylether
Concen: 30.988 ng/ul
RT: 16.345 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

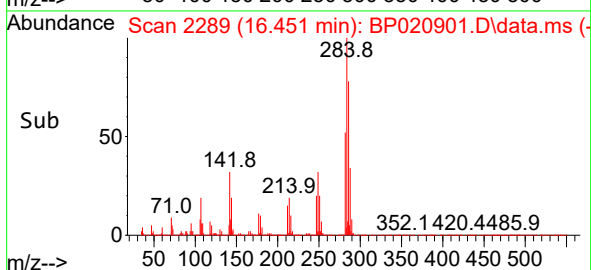
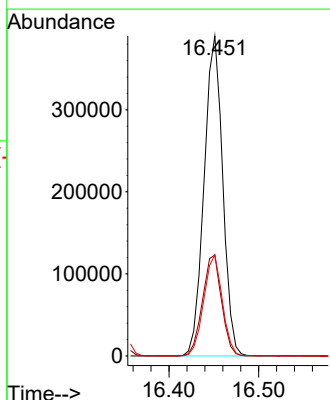
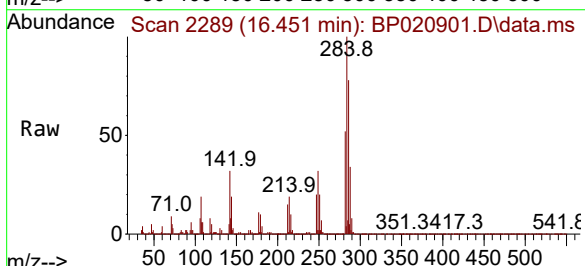
Instrument :
BNA_P
ClientSampleId :
SLCS907

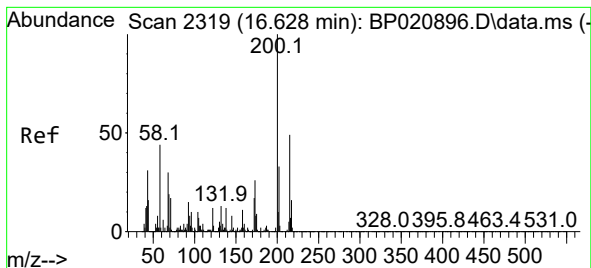
Tgt Ion:248 Resp: 494784
Ion Ratio Lower Upper
248 100
250 98.0 79.3 118.9
141 71.1 57.4 86.0



#69
Hexachlorobenzene
Concen: 30.659 ng/ul
RT: 16.451 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:284 Resp: 561306
Ion Ratio Lower Upper
284 100
142 31.6 25.8 38.8
249 31.6 25.1 37.7





#70

Atrazine

Concen: 7.588 ng/ul

RT: 16.633 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

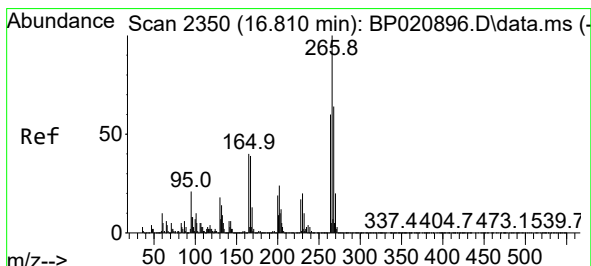
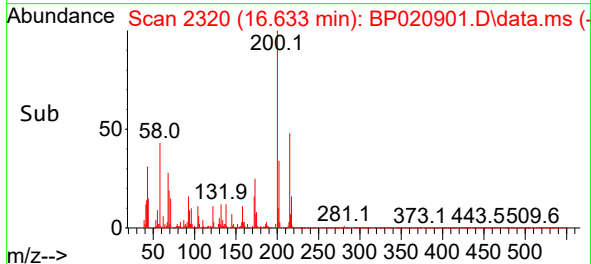
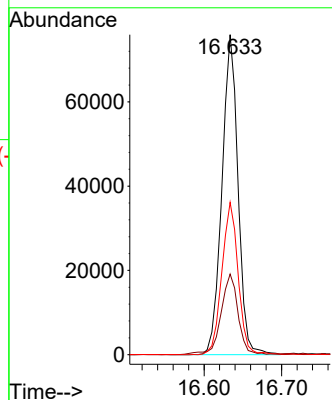
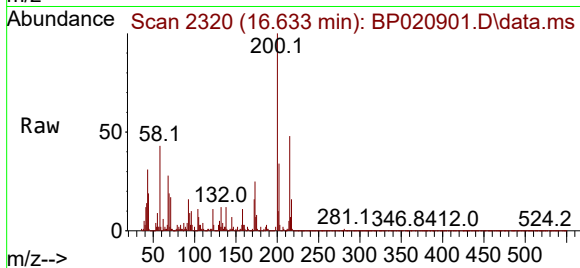
Tgt Ion:200 Resp: 109708

Ion Ratio Lower Upper

200 100

173 25.2 20.8 31.2

215 47.6 38.7 58.1



#71

Pentachlorophenol

Concen: 26.524 ng/ul

RT: 16.810 min Scan# 2350

Delta R.T. -0.012 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

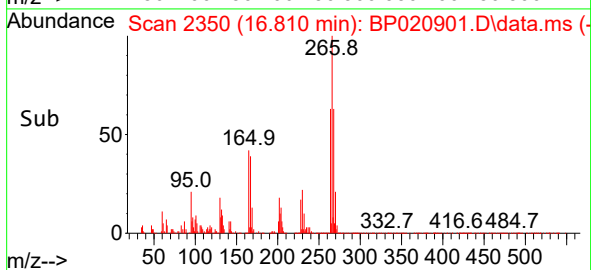
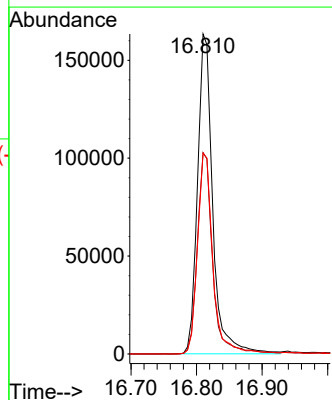
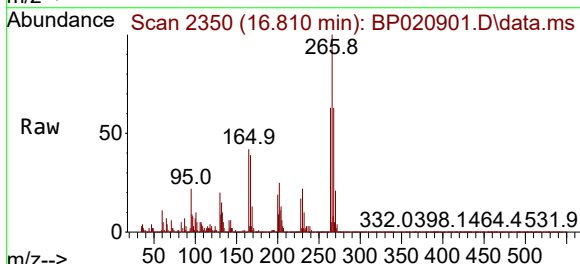
Tgt Ion:266 Resp: 263737

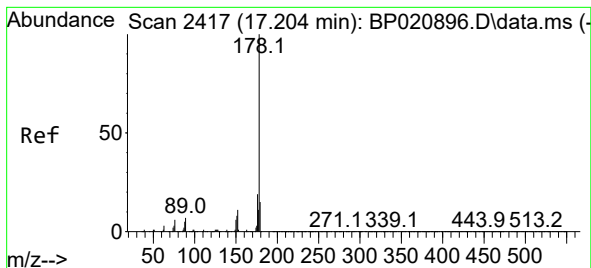
Ion Ratio Lower Upper

266 100

264 62.9 52.3 78.5

268 62.8 52.3 78.5





#72

Phenanthrene

Concen: 30.991 ng/ul

RT: 17.216 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

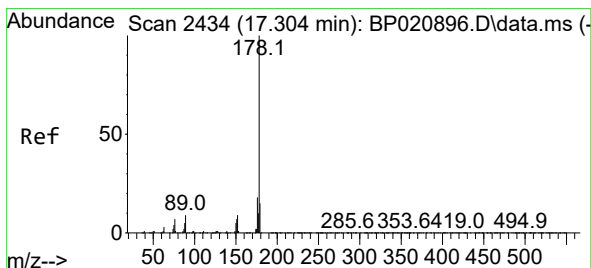
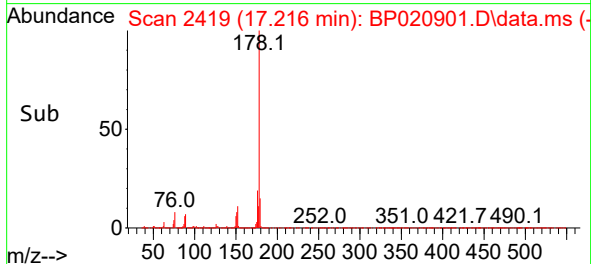
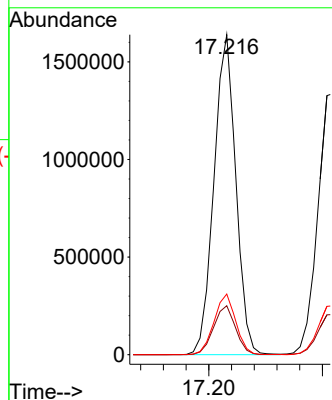
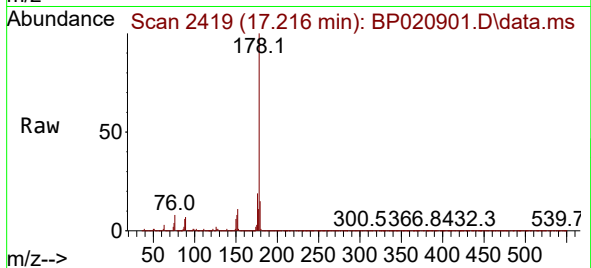
Tgt Ion:178 Resp: 2190059

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 19.0 15.0 22.4



#74

Anthracene

Concen: 30.128 ng/ul

RT: 17.310 min Scan# 2435

Delta R.T. 0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

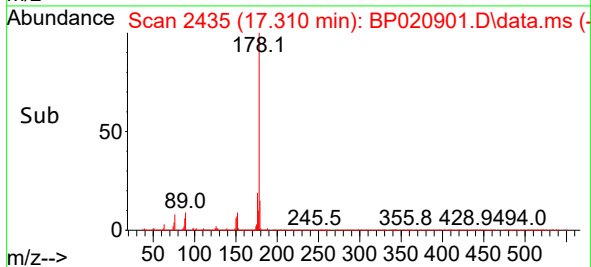
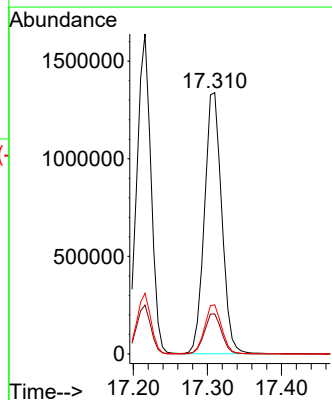
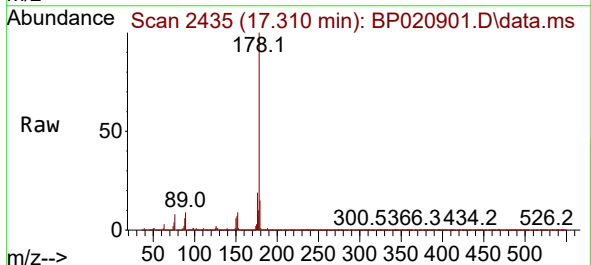
Tgt Ion:178 Resp: 2170537

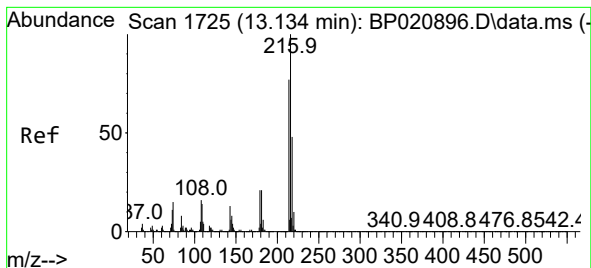
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.8 14.8 22.2

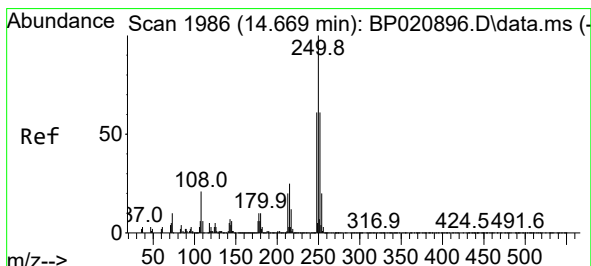
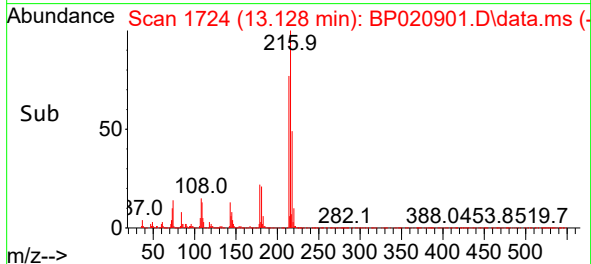
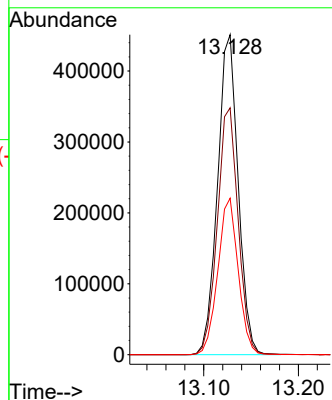
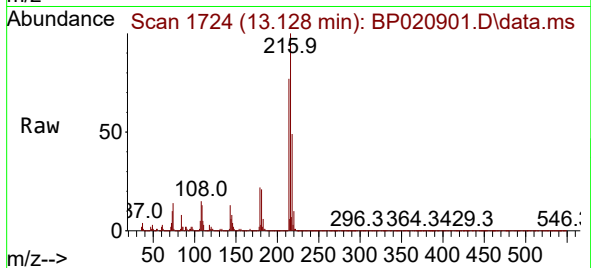




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.336 ng/uL
RT: 13.128 min Scan# 1725
Delta R.T. -0.012 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

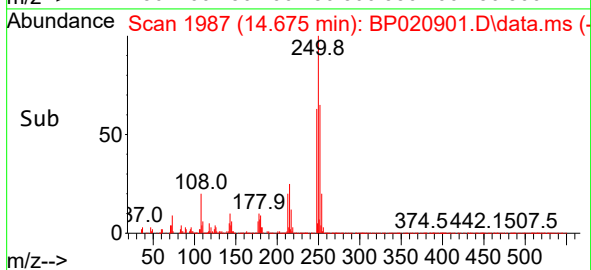
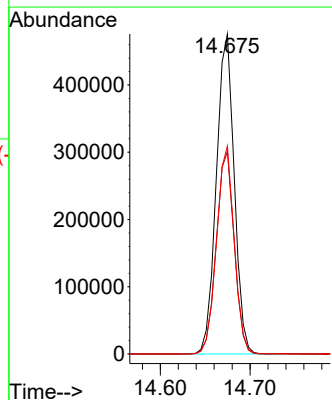
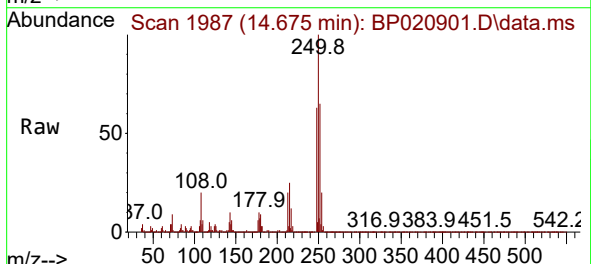
Instrument :
BNA_P
ClientSampleId :
SLCS907

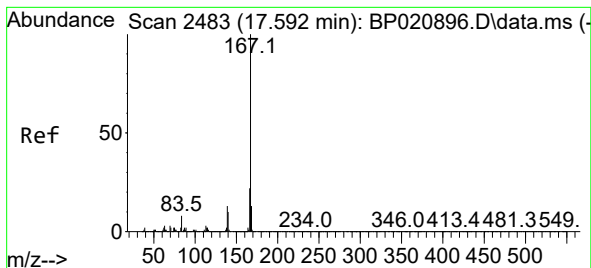
Tgt Ion:216 Resp: 683229
Ion Ratio Lower Upper
216 100
214 77.1 63.2 94.8
218 48.9 38.2 57.4



#76
Pentachlorobenzene
Concen: 30.407 ng/uL
RT: 14.675 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP020901.D
Acq: 11 Jul 2024 13:01

Tgt Ion:250 Resp: 658772
Ion Ratio Lower Upper
250 100
248 63.2 50.8 76.2
252 65.0 51.6 77.4





#77

Carbazole

Concen: 31.384 ng/ul

RT: 17.604 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

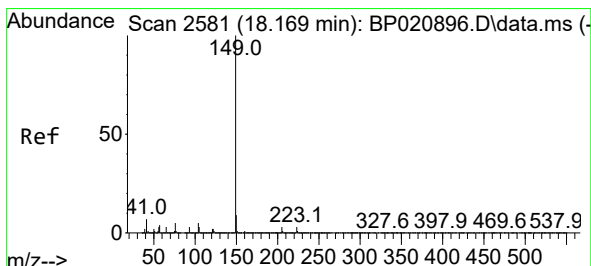
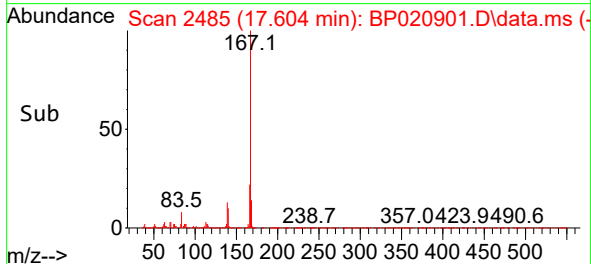
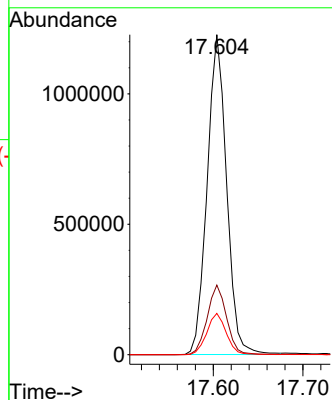
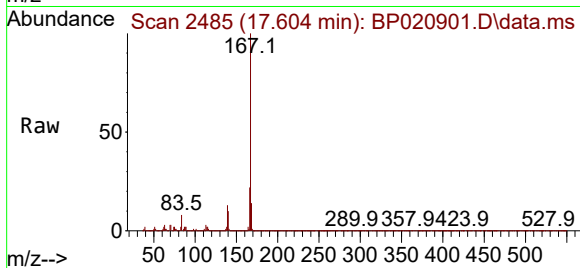
Tgt Ion:167 Resp: 1848319

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 12.9 10.2 15.2



#78

Di-n-butylphthalate

Concen: 31.159 ng/ul

RT: 18.180 min Scan# 2583

Delta R.T. -0.000 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

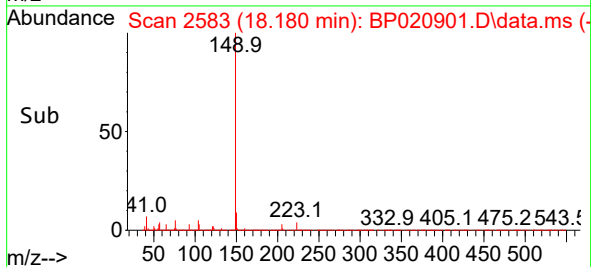
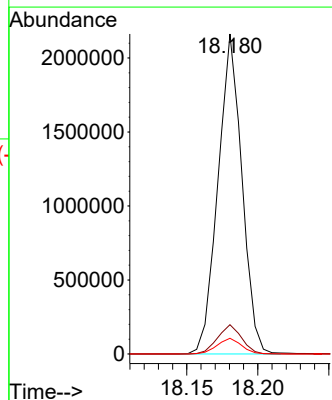
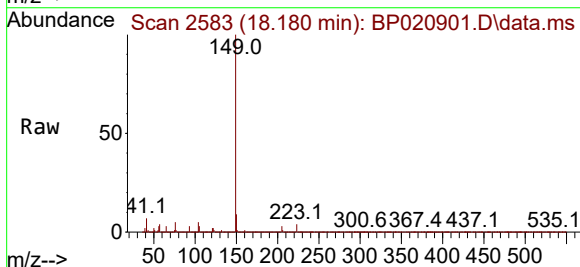
Tgt Ion:149 Resp: 2531691

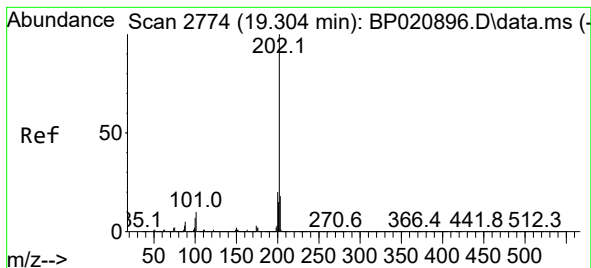
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.9 3.9 5.9





#80

Fluoranthene

Concen: 34.392 ng/ul

RT: 19.310 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

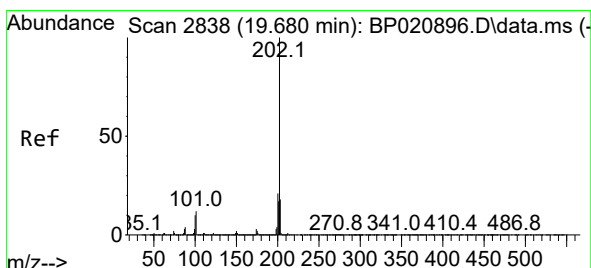
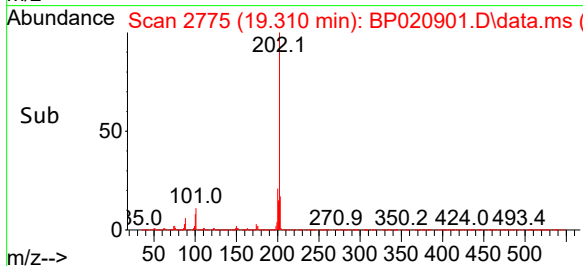
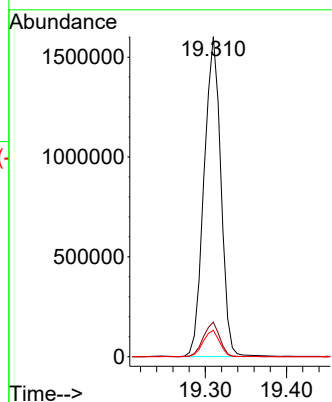
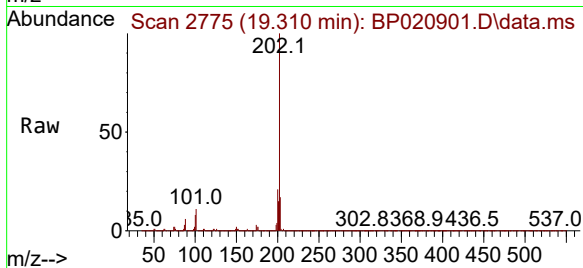
Tgt Ion:202 Resp: 2303285

Ion Ratio Lower Upper

202 100

101 10.8 8.0 12.0

100 8.3 6.1 9.1



#82

Pyrene

Concen: 34.651 ng/ul

RT: 19.686 min Scan# 2839

Delta R.T. -0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

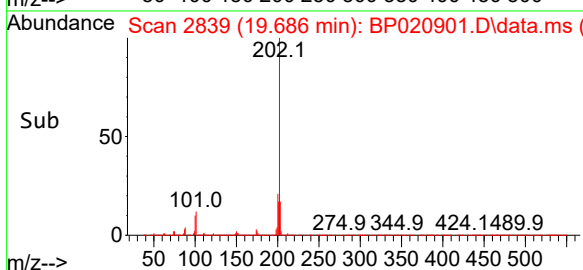
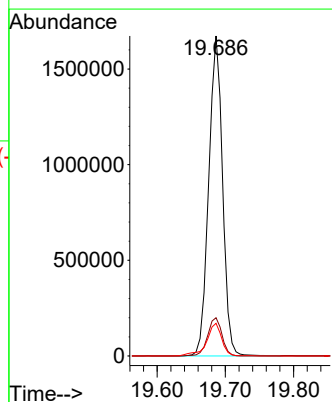
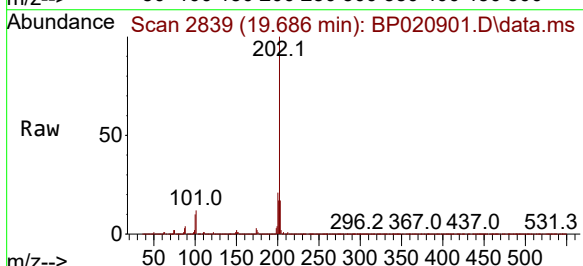
Tgt Ion:202 Resp: 2361421

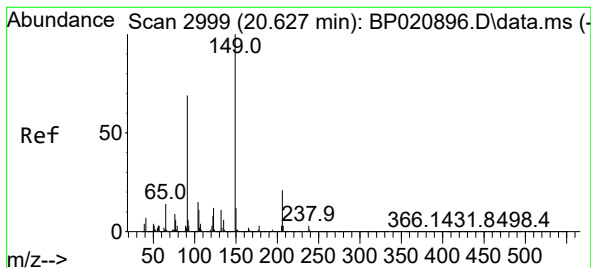
Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

100 10.2 7.8 11.6





#83

Butylbenzylphthalate

Concen: 31.476 ng/ul

RT: 20.633 min Scan# 3000

Delta R.T. -0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

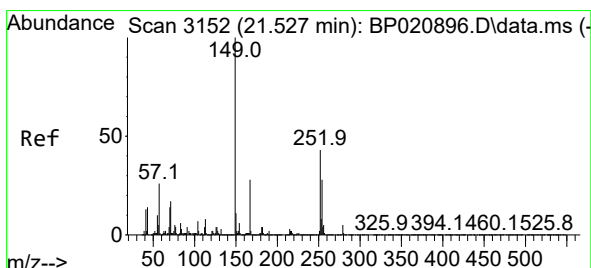
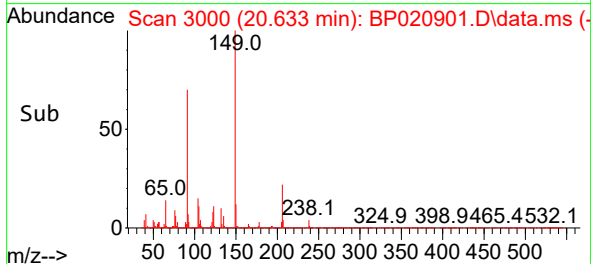
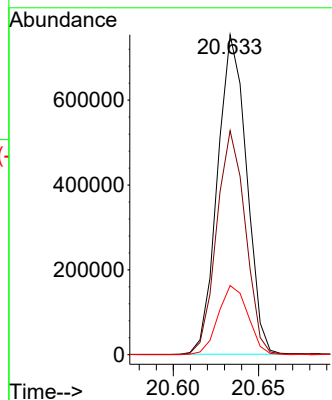
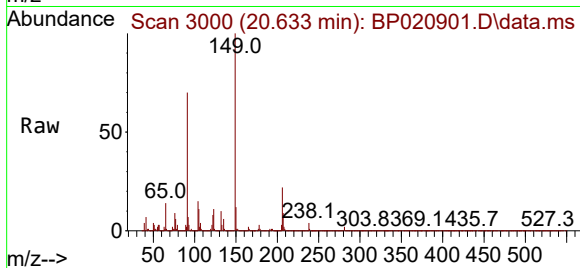
Tgt Ion:149 Resp: 893731

Ion Ratio Lower Upper

149 100

91 70.0 54.1 81.1

206 21.6 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 28.785 ng/ul

RT: 21.527 min Scan# 3152

Delta R.T. -0.012 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

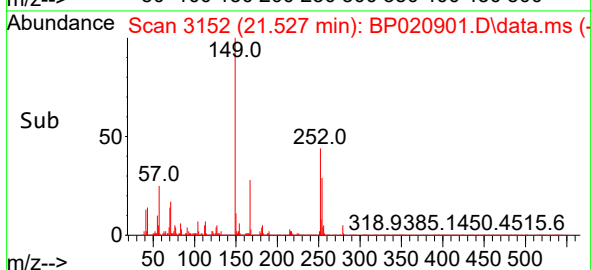
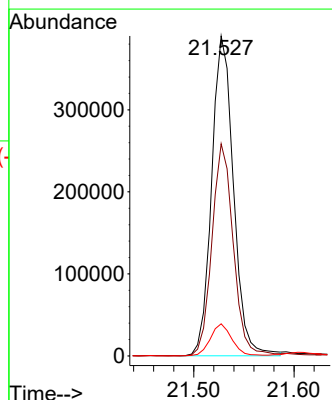
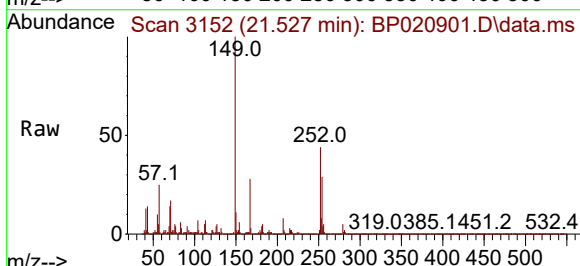
Tgt Ion:252 Resp: 590004

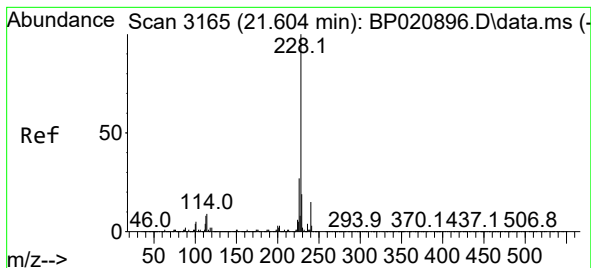
Ion Ratio Lower Upper

252 100

254 66.3 51.5 77.3

126 10.1 8.0 12.0





#85

Benzo(a)anthracene

Concen: 30.613 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

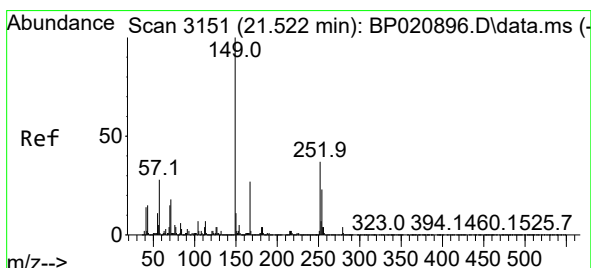
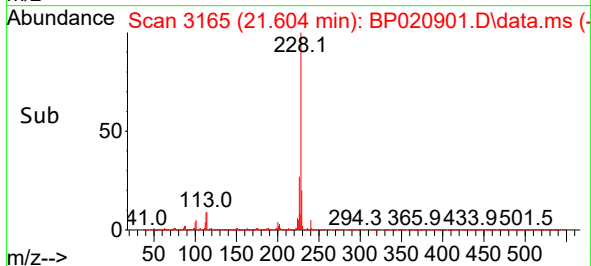
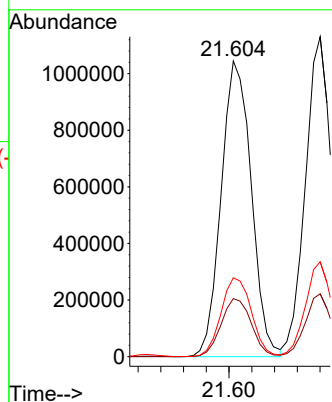
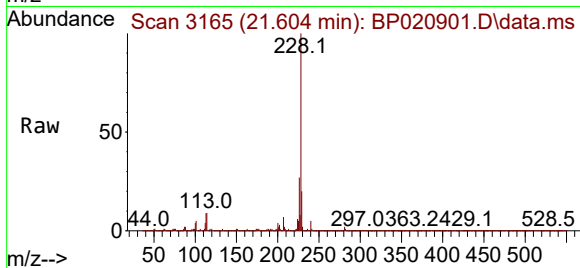
Tgt Ion:228 Resp: 1923548

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 26.7 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.140 ng/ul

RT: 21.521 min Scan# 3151

Delta R.T. -0.018 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

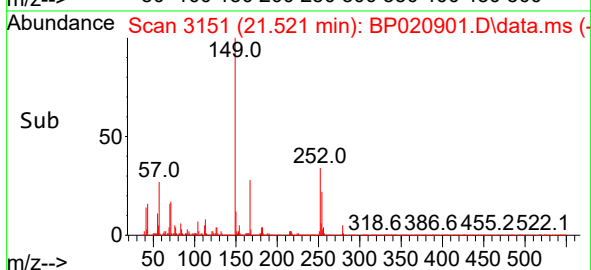
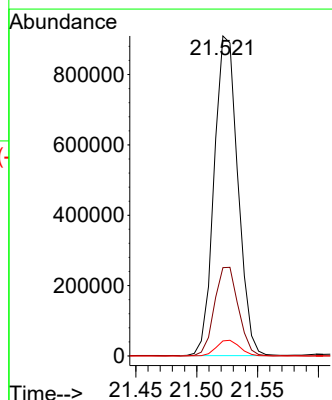
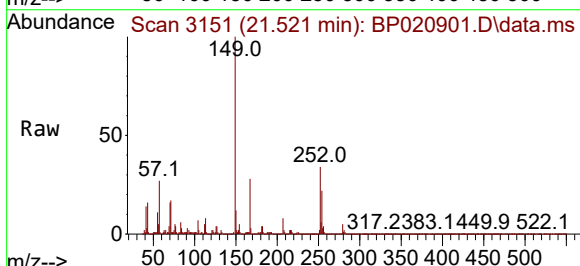
Tgt Ion:149 Resp: 1231584

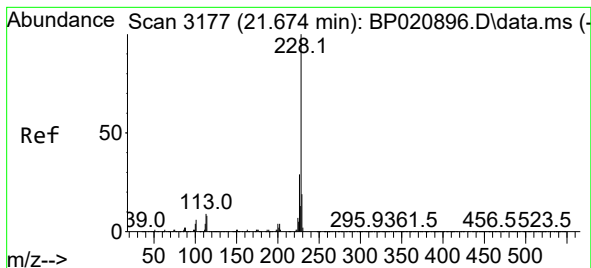
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 4.7 3.7 5.5





#87

Chrysene

Concen: 30.996 ng/ul

RT: 21.680 min Scan# 3177

Delta R.T. 0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

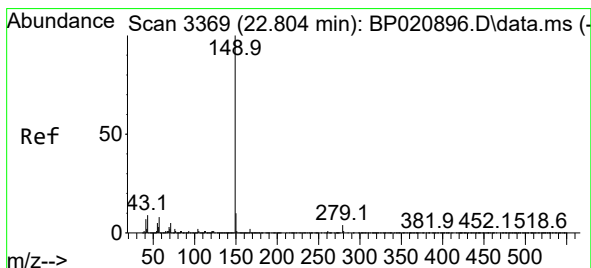
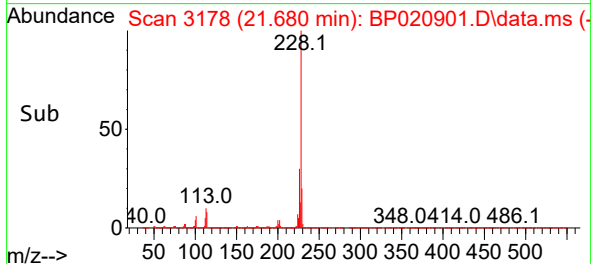
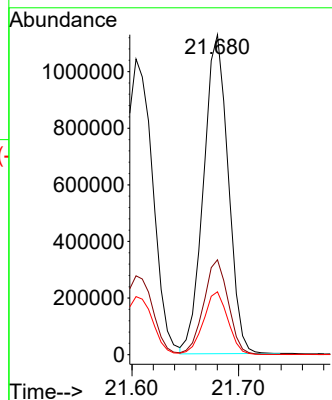
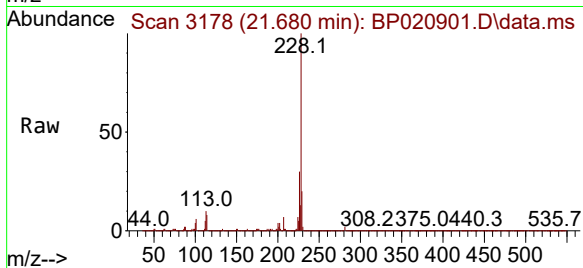
Tgt Ion:228 Resp: 1809759

Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 30.219 ng/ul

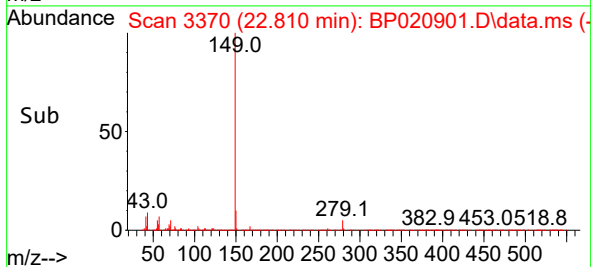
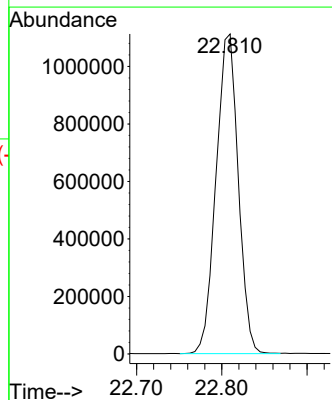
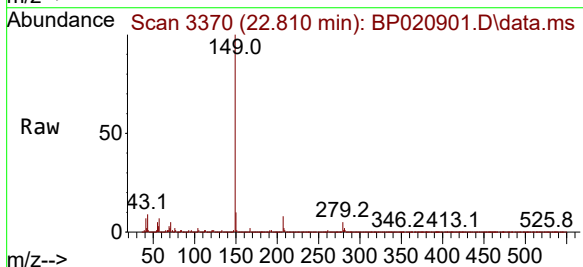
RT: 22.810 min Scan# 3370

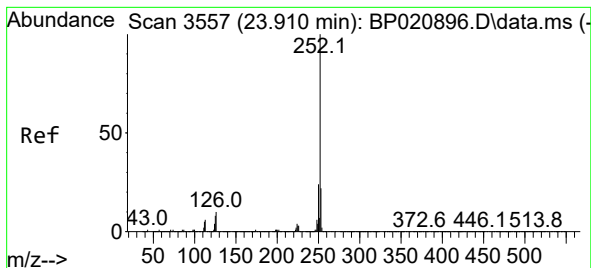
Delta R.T. 0.006 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Tgt Ion:149 Resp: 2009787





#90

Benzo(b)fluoranthene

Concen: 31.143 ng/ul

RT: 23.910 min Scan# 3557

Delta R.T. -0.012 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

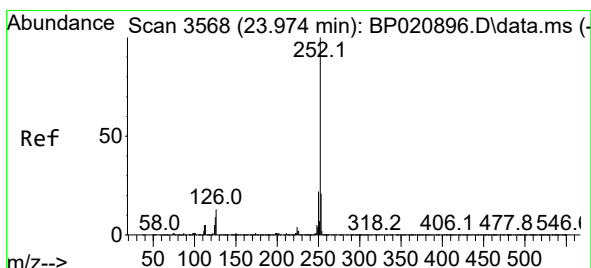
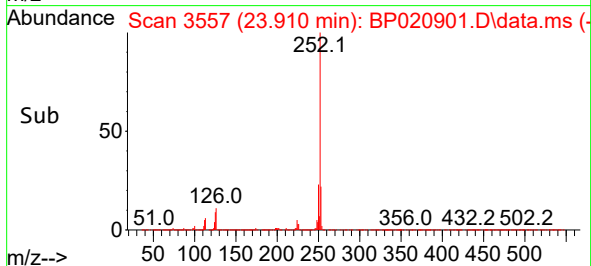
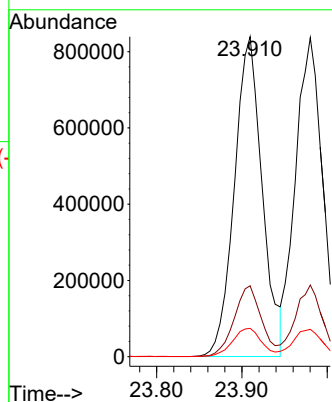
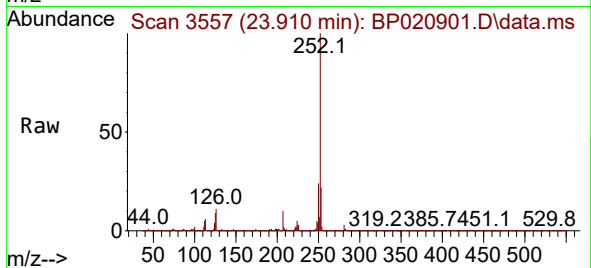
Tgt Ion:252 Resp: 1902734

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 8.9 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 30.168 ng/ul

RT: 23.980 min Scan# 3569

Delta R.T. -0.012 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

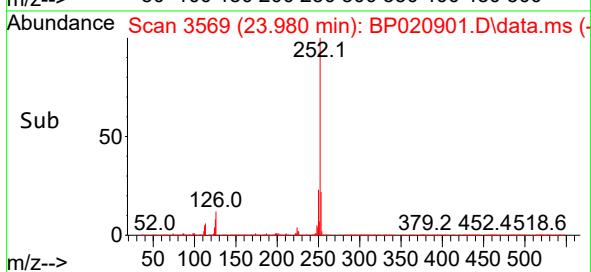
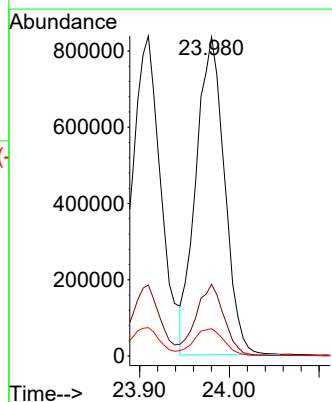
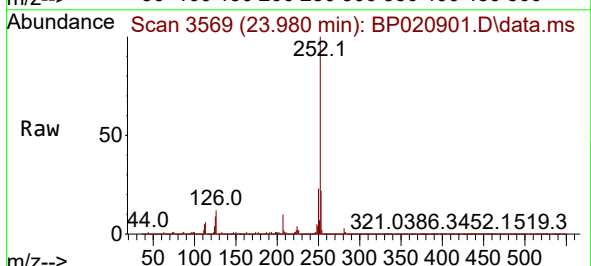
Tgt Ion:252 Resp: 1839443

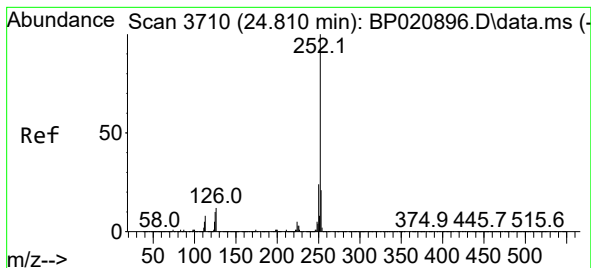
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 8.6 7.4 11.0





#93

Benzo(a)pyrene

Concen: 28.649 ng/ul

RT: 24.810 min Scan# 3710

Delta R.T. -0.018 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

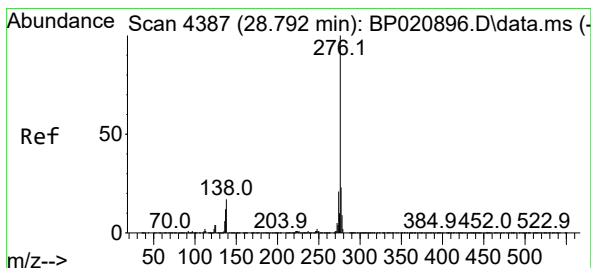
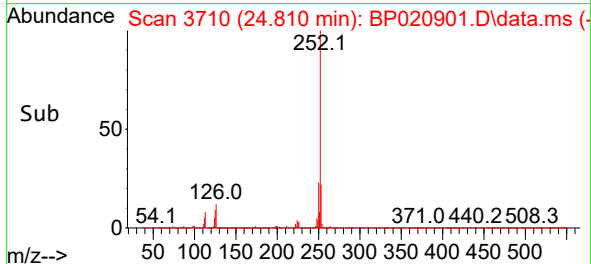
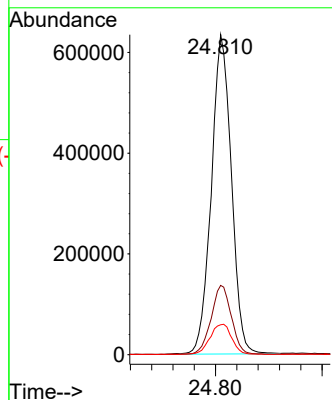
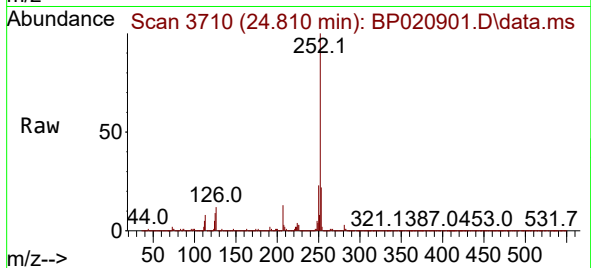
Tgt Ion:252 Resp: 1654038

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.4 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.182 ng/ul

RT: 28.762 min Scan# 4382

Delta R.T. -0.024 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

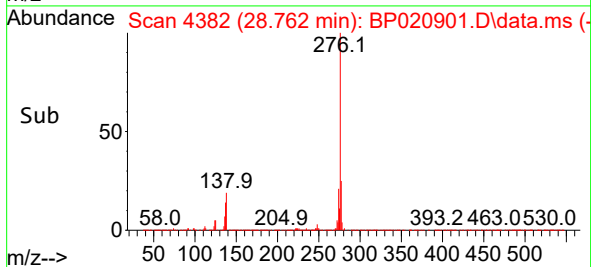
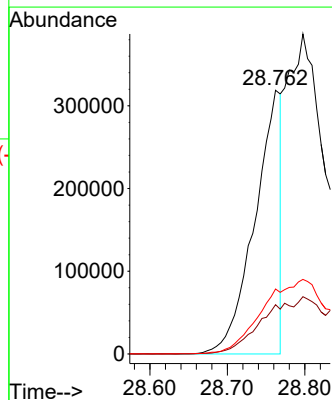
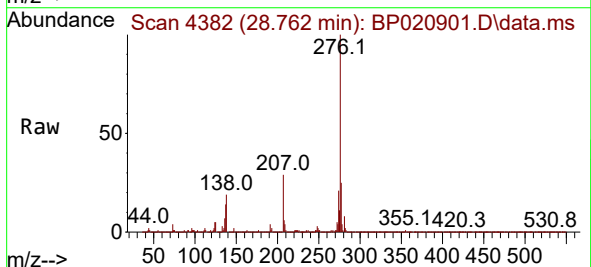
Tgt Ion:276 Resp: 757470

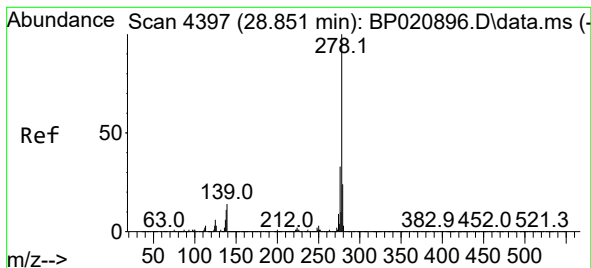
Ion Ratio Lower Upper

276 100

138 18.7 14.3 21.5

277 24.6 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 32.535 ng/ul

RT: 28.874 min Scan# 4401

Delta R.T. 0.012 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Instrument :

BNA_P

ClientSampleId :

SLCS907

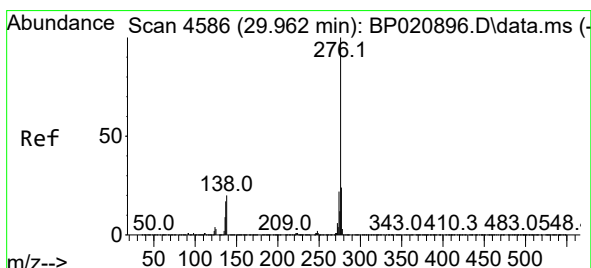
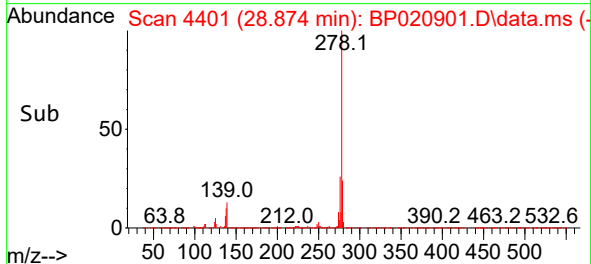
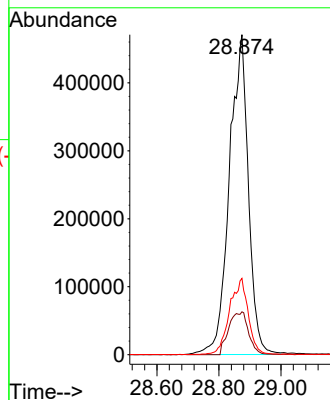
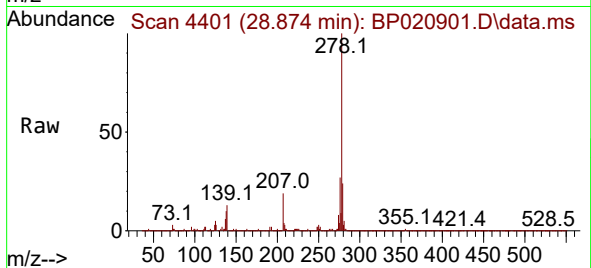
Tgt Ion:278 Resp: 2004408

Ion Ratio Lower Upper

278 100

139 13.4 10.9 16.3

279 23.8 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 32.476 ng/ul

RT: 29.956 min Scan# 4585

Delta R.T. -0.029 min

Lab File: BP020901.D

Acq: 11 Jul 2024 13:01

Tgt Ion:276 Resp: 1967734

Ion Ratio Lower Upper

276 100

138 20.2 15.3 22.9

277 24.2 18.2 27.2

