

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015986.D
 Acq On : 04 Jul 2023 20:48
 Operator : MA/JU
 Sample : PB153764BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS764

Quant Time: Jul 04 21:59:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	266423	20.000	ng/u1	0.00
20) Naphthalene-d8	10.863	136	1155206	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.687	164	685322	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.451	188	1431070	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	929563	20.000	ng/u1	0.00
88) Perylene-d12	24.092	264	986880	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	44542	6.015	ng/uL	0.00
4) Pyridine-d5	3.811	84	649330	34.786	ng/u1	0.00
7) Phenol-d5	7.222	99	883071	38.739	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	567423	40.234	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	684515	39.780	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	691852	38.419	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	347709	39.385	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	385521	37.415	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	665418	36.240	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	912746	38.697	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	2003645	37.826	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	2288785	38.437	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	228934	32.751	ng/u1	0.00
60) Fluorene-d10	15.687	176	1662014	38.106	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	221810	25.203	ng/u1	0.00
73) Anthracene-d10	17.557	188	2448823	37.462	ng/u1	0.00
81) Pyrene-d10	19.786	212	2509094	41.337	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	2048704	41.153	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	92560	11.615	ng/uL	97
5) Pyridine	3.834	79	644276	32.993	ng/u1	95
6) Benzaldehyde	7.181	77	548756	59.542	ng/u1	97
8) Phenol	7.252	94	927589	39.212	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.458	93	730191	38.796	ng/u1	100
12) 2-Chlorophenol	7.605	128	694799	38.006	ng/u1	98
13) 2-Methylphenol	8.510	108	686788	38.453	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.569	45	1071209	41.671	ng/u1	99
16) Acetophenone	8.881	105	1115539	37.684	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.857	70	601750	36.600	ng/u1	99
18) 4-Methylphenol	8.846	108	736649	38.387	ng/u1	100
19) Hexachloroethane	9.110	117	288552	34.175	ng/u1	88
22) Nitrobenzene	9.269	77	913178	36.833	ng/u1	96
23) Isophorone	9.793	82	1713846	36.124	ng/u1	98
25) 2-Nitrophenol	9.987	139	397421	36.342	ng/u1	93
26) 2,4-Dimethylphenol	10.046	107	654891	27.242	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.269	93	1014231	37.869	ng/u1	99
29) 2,4-Dichlorophenol	10.534	162	658996	36.100	ng/u1	100
30) Naphthalene	10.916	128	2247968	35.796	ng/u1	99
32) 4-Chloroaniline	11.046	127	823905	33.620	ng/u1	97
33) Hexachlorobutadiene	11.175	225	414940	30.099	ng/u1	100
34) Caprolactam	11.869	113	198329	35.518	ng/u1	94
35) 4-Chloro-3-methylphenol	12.193	107	776929	36.359	ng/u1	96
36) 2-Methylnaphthalene	12.522	142	1483161	35.876	ng/u1	98

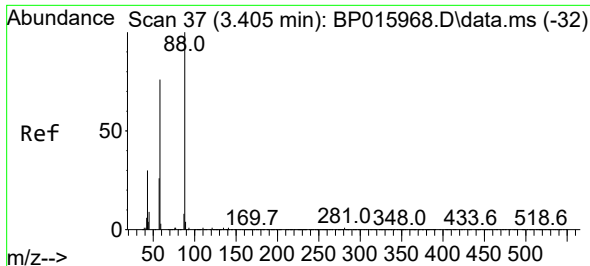
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.740	142	1498260	35.526	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.893	216	783609	34.698	ng/ul	99
40) Hexachlorocyclopentadiene	12.846	237	47998	7.104	ng/ul	100
41) 2,4,6-Trichlorophenol	13.146	196	490510	34.368	ng/ul	99
42) 2,4,5-Trichlorophenol	13.240	196	555976	36.726	ng/ul	98
43) 1,1'-Biphenyl	13.522	154	1977340	36.427	ng/ul	97
44) 2-Chloronaphthalene	13.575	162	1561502	36.516	ng/ul	98
45) 2-Nitroaniline	13.804	65	558810	41.532	ng/ul	95
47) Dimethylphthalate	14.145	163	1982115	36.157	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	433276	38.964	ng/ul	95
50) Acenaphthylene	14.416	152	2422839	36.927	ng/ul	99
51) 3-Nitroaniline	14.634	138	435314	49.921	ng/ul	95
52) Acenaphthene	14.757	153	1681759	36.964	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	110633	18.753	ng/ul	88
55) 4-Nitrophenol	14.975	109	166950	23.047	ng/ul#	79
56) Dibenzofuran	15.092	168	2287040	36.211	ng/ul	97
57) 2,4-Dinitrotoluene	15.098	165	592732	39.116	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.334	232	412945	31.757	ng/ul	98
59) Diethylphthalate	15.504	149	2054013	37.026	ng/ul	98
61) Fluorene	15.745	166	1878601	36.671	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.728	204	909122	34.682	ng/ul	96
63) 4-Nitroaniline	15.810	138	395892	66.334	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.869	198	215661	24.219	ng/ul	98
67) N-Nitrosodiphenylamine	15.951	169	1586418	37.030	ng/ul	100
68) 4-Bromophenyl-phenylether	16.628	248	572594	35.039	ng/ul	91
69) Hexachlorobenzene	16.757	284	661929	34.328	ng/ul	98
70) Atrazine	16.910	200	169638	10.344	ng/ul	96
71) Pentachlorophenol	17.122	266	264649	28.597	ng/ul	96
72) Phenanthrene	17.498	178	2912815	37.467	ng/ul	99
74) Anthracene	17.592	178	2869380	36.731	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.493	216	781932	33.579	ng/uL	100
76) Pentachlorobenzene	15.010	250	783503	33.338	ng/uL	99
77) Carbazole	17.875	167	2607934	39.609	ng/ul	99
78) Di-n-butylphthalate	18.381	149	3649318	41.807	ng/ul	99
80) Fluoranthene	19.457	202	3025938	40.113	ng/ul#	93
82) Pyrene	19.816	202	3035177	39.443	ng/ul#	93
83) Butylbenzylphthalate	20.657	149	1485270	47.311	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	836232	39.795	ng/ul	99
85) Benzo(a)anthracene	21.527	228	2502676	38.273	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	2100601	48.688	ng/ul	99
87) Chrysene	21.586	228	2386665	38.470	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3363160	46.631	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2449619	38.631	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	2486290	38.807	ng/ul#	97
93) Benzo(a)pyrene	23.980	252	2182248	39.385	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.792	276	2877778	38.259	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.792	278	2369138	38.347	ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	2363411	38.194	ng/ul#	96

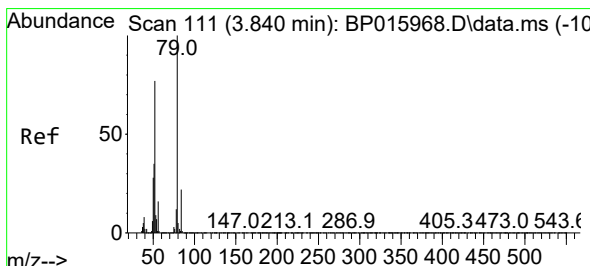
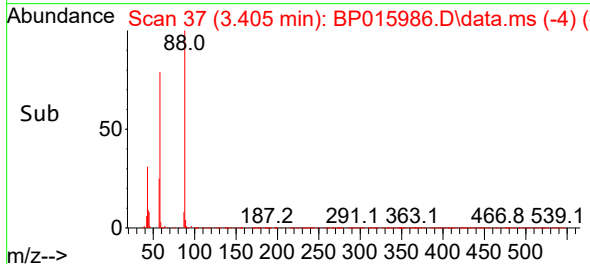
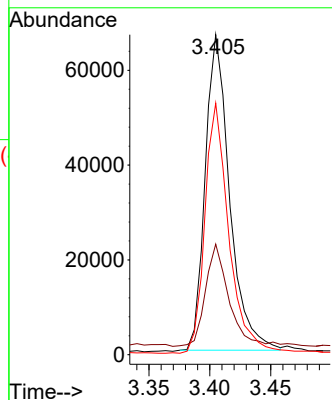
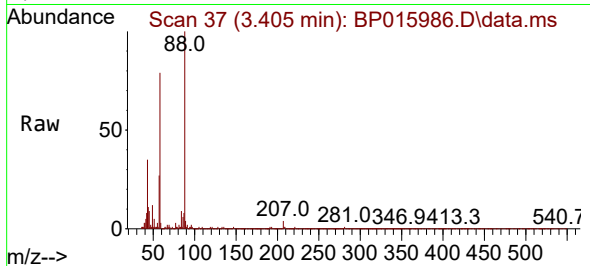
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#2
1,4-Dioxane
Concen: 11.615 ng/uL
RT: 3.405 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

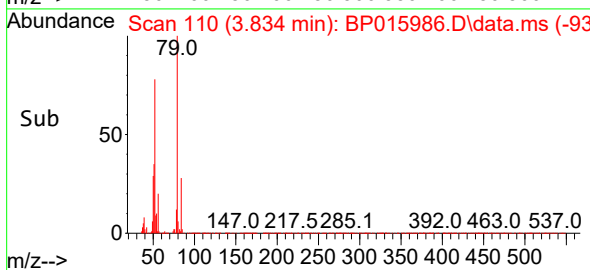
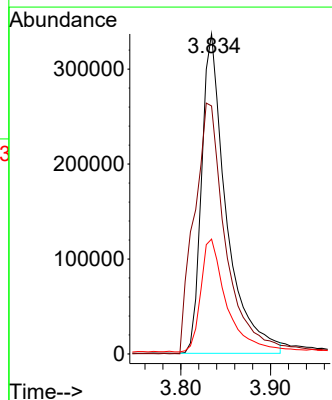
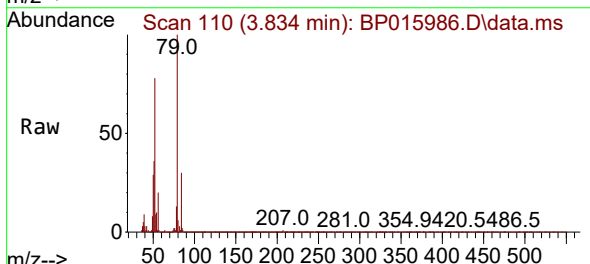
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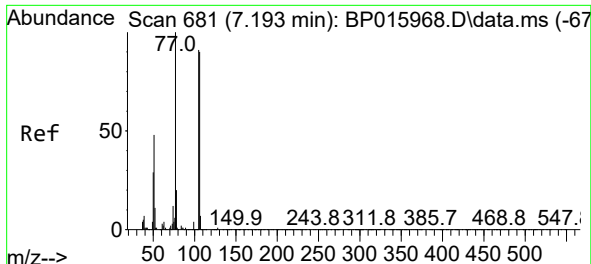
Tgt Ion: 88 Resp: 92560
Ion Ratio Lower Upper
88 100
43 34.6 27.4 41.2
58 78.6 59.8 89.8



#5
Pyridine
Concen: 32.993 ng/uL
RT: 3.834 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion: 79 Resp: 644276
Ion Ratio Lower Upper
79 100
52 77.5 65.5 98.3
51 35.9 31.8 47.8

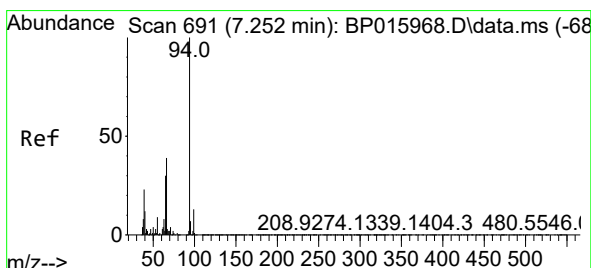
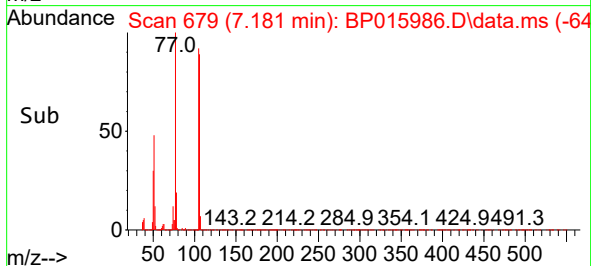
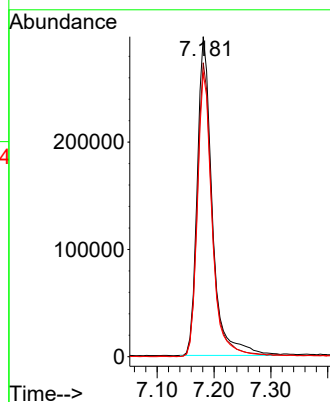
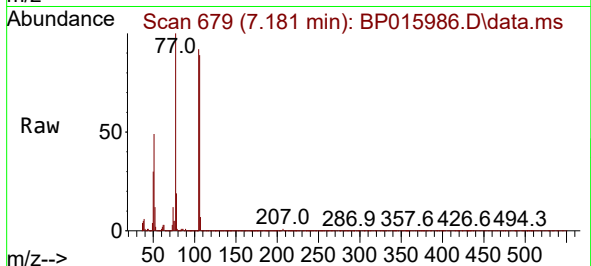




#6
Benzaldehyde
Concen: 59.542 ng/ul
RT: 7.181 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

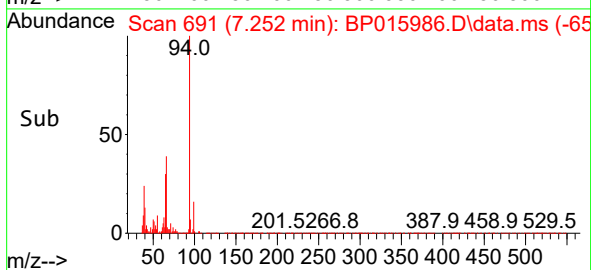
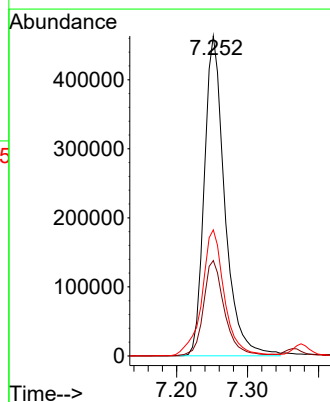
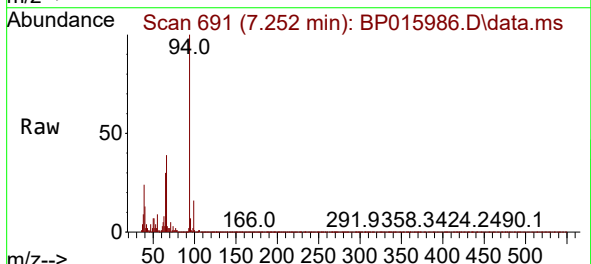
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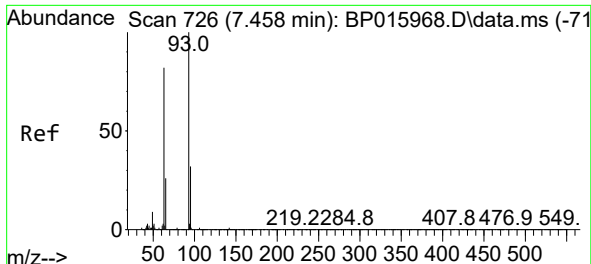
Tgt Ion: 77 Resp: 548756
Ion Ratio Lower Upper
77 100
105 91.8 73.4 110.0
106 88.7 66.6 100.0



#8
Phenol
Concen: 39.212 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion: 94 Resp: 927589
Ion Ratio Lower Upper
94 100
65 29.8 26.4 39.6
66 39.4 37.3 55.9

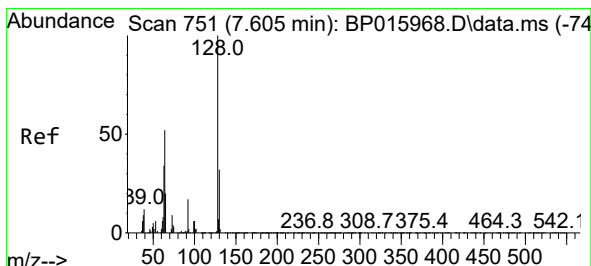
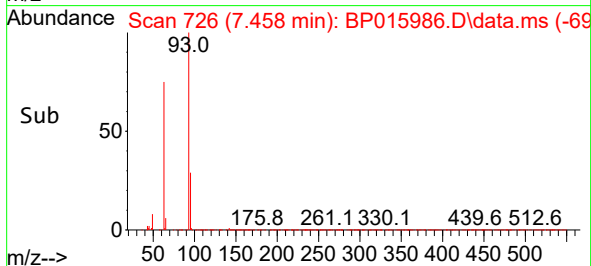
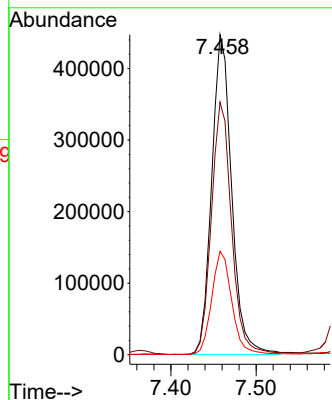
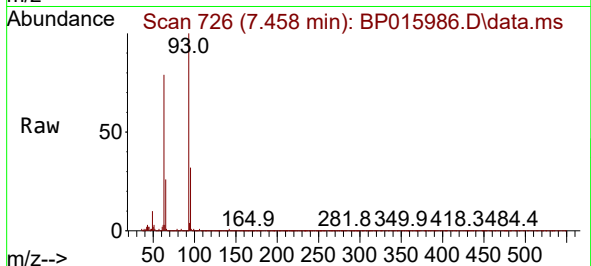




#10
Bis(2-Chloroethyl)ether
Concen: 38.796 ng/ul
RT: 7.458 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

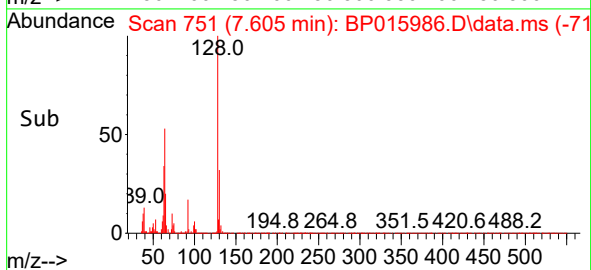
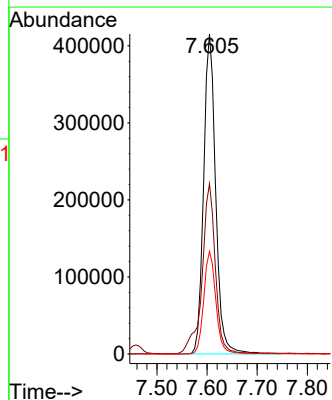
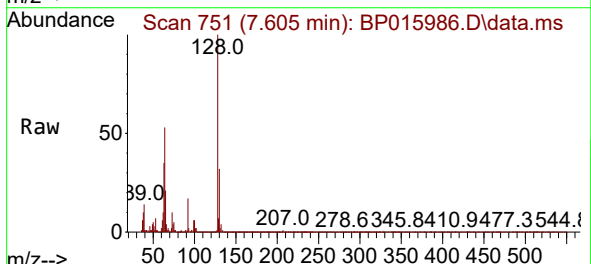
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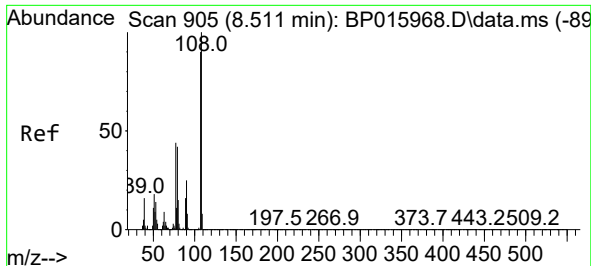
Tgt Ion: 93 Resp: 730191
Ion Ratio Lower Upper
93 100
63 78.9 62.8 94.2
95 32.3 25.6 38.4



#12
2-Chlorophenol
Concen: 38.006 ng/ul
RT: 7.605 min Scan# 751
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:128 Resp: 694799
Ion Ratio Lower Upper
128 100
64 53.2 41.2 61.8
130 32.0 26.0 39.0





#13

2-Methylphenol

Concen: 38.453 ng/ul

RT: 8.510 min Scan# 905

Delta R.T. 0.000 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

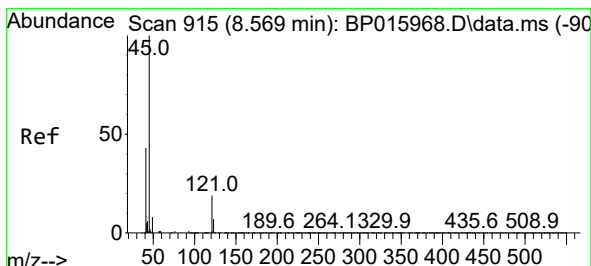
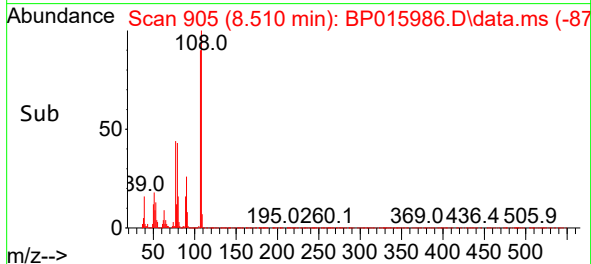
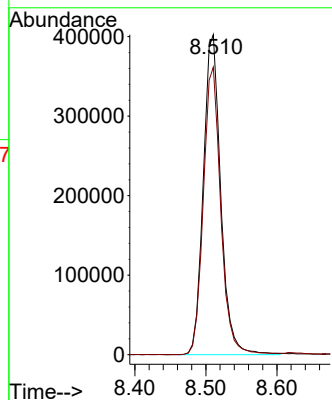
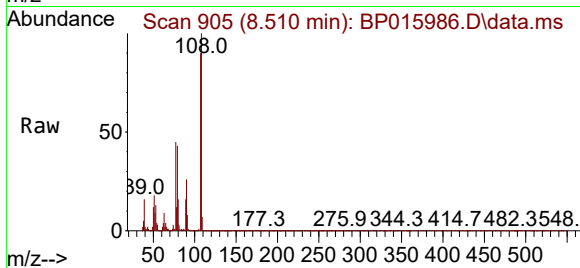
SLCS764

Tgt Ion:108 Resp: 686788

Ion Ratio Lower Upper

108 100

107 89.9 73.8 110.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 41.671 ng/ul

RT: 8.569 min Scan# 915

Delta R.T. -0.011 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

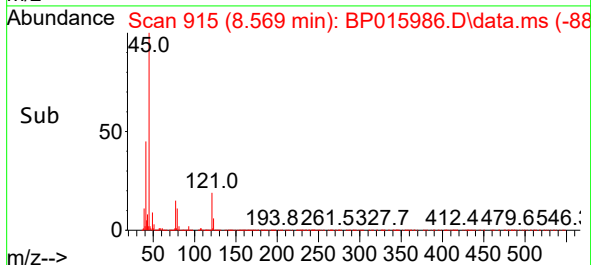
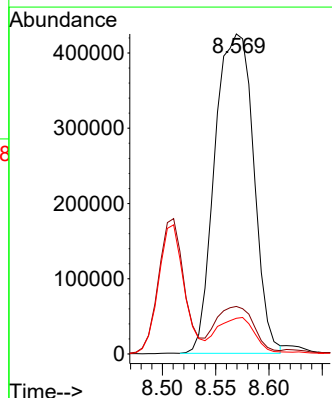
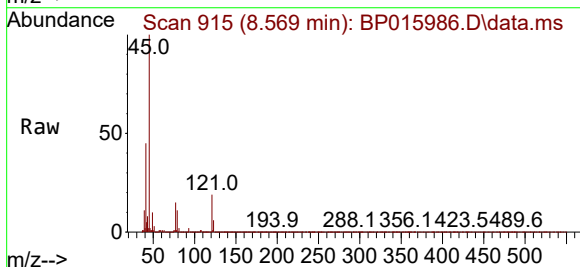
Tgt Ion: 45 Resp: 1071209

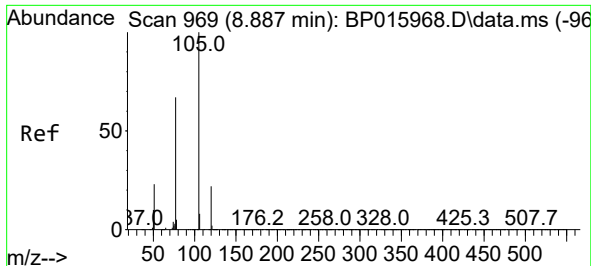
Ion Ratio Lower Upper

45 100

77 14.8 12.4 18.6

79 11.2 9.3 13.9

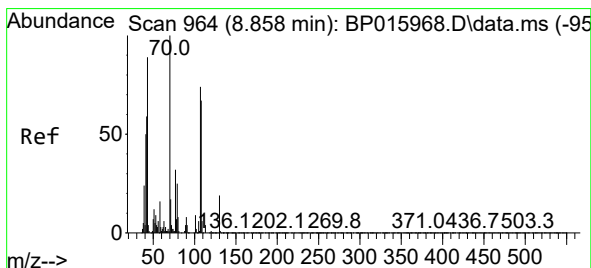
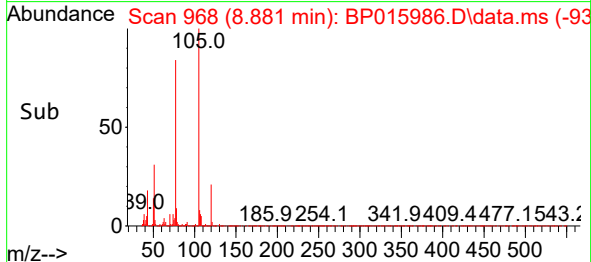
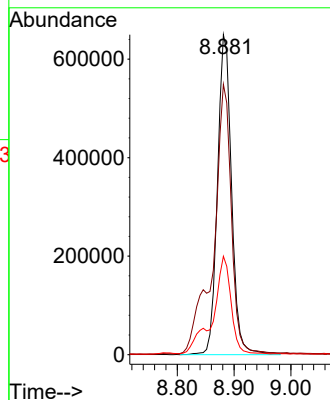
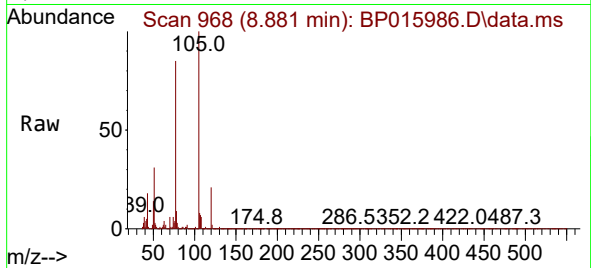




#16
Acetophenone
Concen: 37.684 ng/ul
RT: 8.881 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

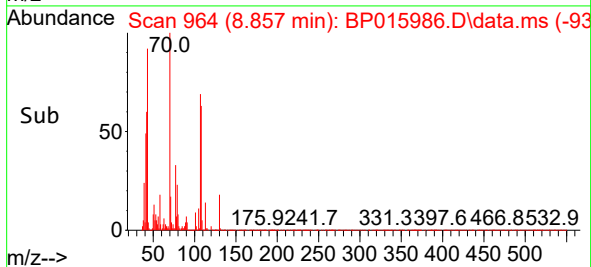
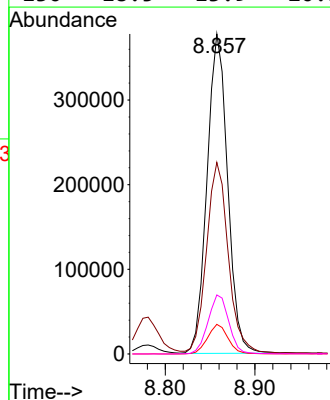
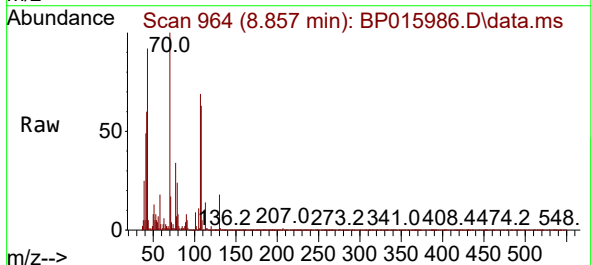
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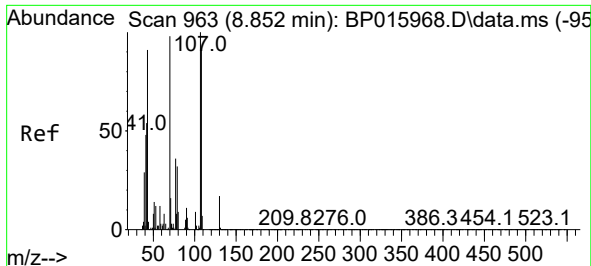
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Ion Ratio Lower Upper
105 100
77 84.5 65.0 97.4
51 30.7 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 36.600 ng/ul
RT: 8.857 min Scan# 964
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion: 70 Resp: 601750
Ion Ratio Lower Upper
70 100
42 59.8 48.2 72.2
101 9.2 7.6 11.4
130 18.5 13.9 20.9

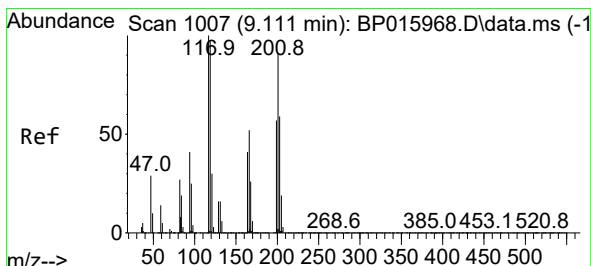
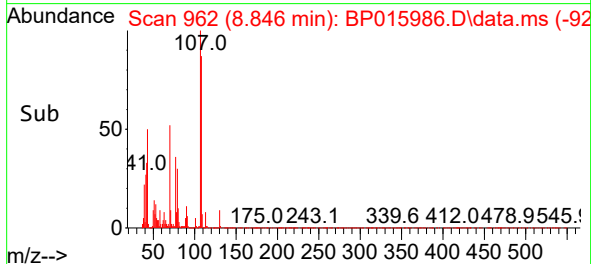
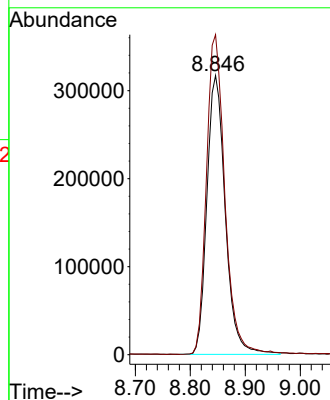
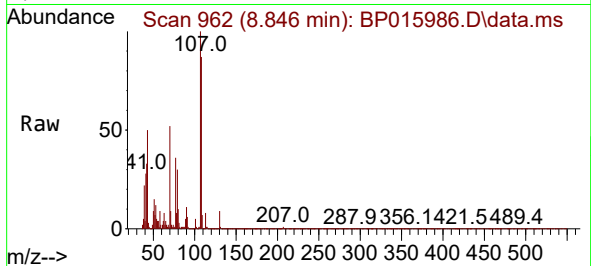




#18
4-Methylphenol
Concen: 38.387 ng/ul
RT: 8.846 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

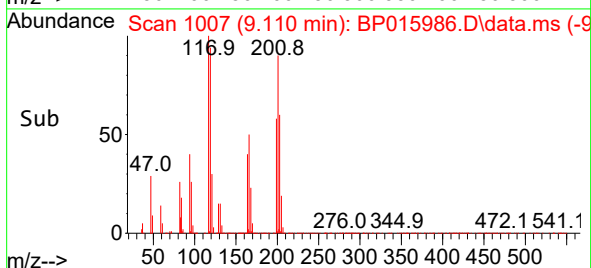
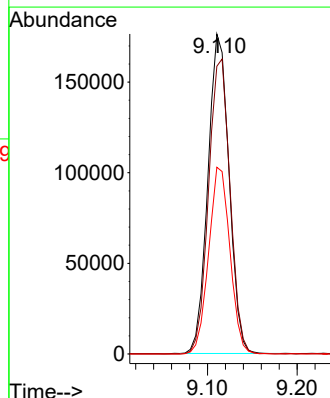
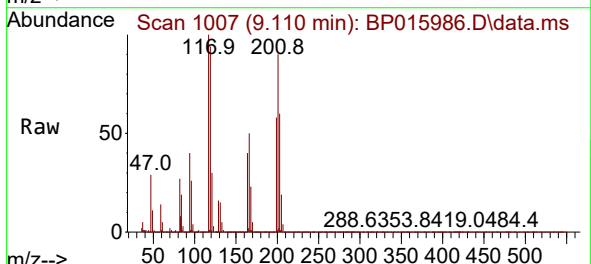
Instrument :
BNA_P
ClientSampleId :
SLCS764

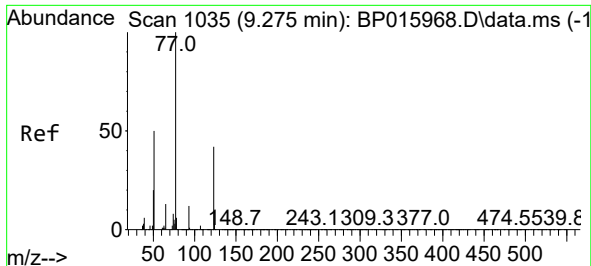
Tgt Ion:108 Resp: 736649
Ion Ratio Lower Upper
108 100
107 114.6 91.3 136.9



#19
Hexachloroethane
Concen: 34.175 ng/ul
RT: 9.110 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:117 Resp: 288552
Ion Ratio Lower Upper
117 100
201 89.9 84.2 126.2
199 58.3 51.8 77.8





#22

Nitrobenzene

Concen: 36.833 ng/ul

RT: 9.269 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

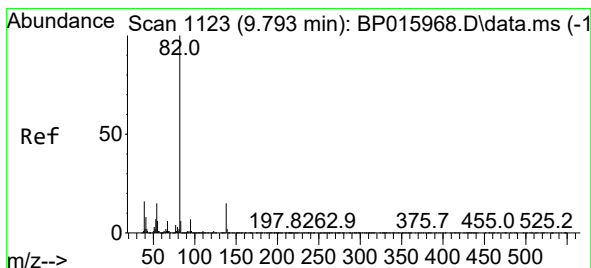
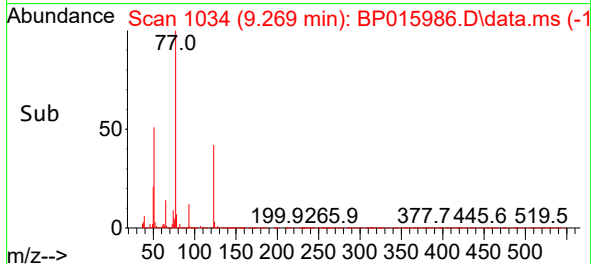
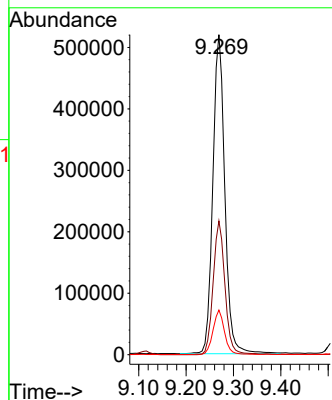
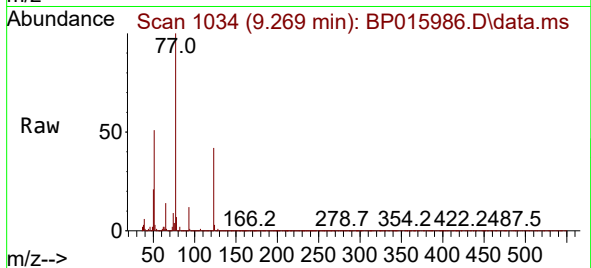
Tgt Ion: 77 Resp: 913178

Ion Ratio Lower Upper

77 100

123 41.8 31.0 46.4

65 14.0 11.3 16.9



#23

Isophorone

Concen: 36.124 ng/ul

RT: 9.793 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

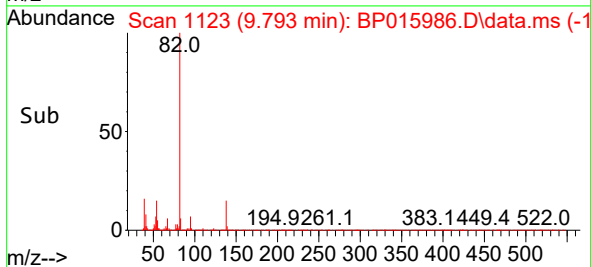
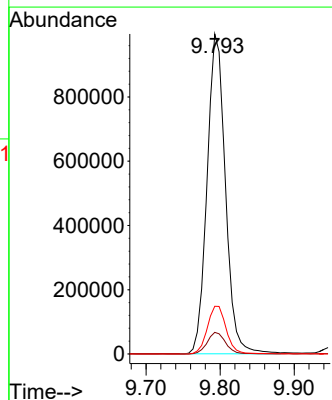
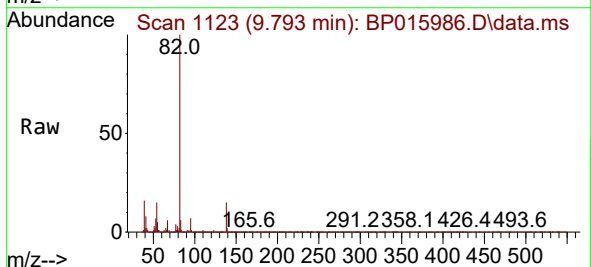
Tgt Ion: 82 Resp: 1713846

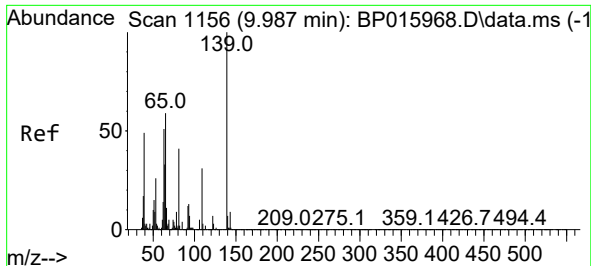
Ion Ratio Lower Upper

82 100

95 6.7 6.3 9.5

138 14.9 12.3 18.5

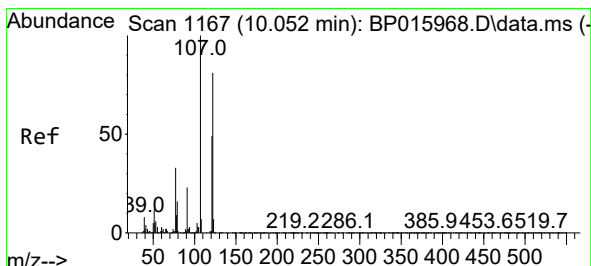
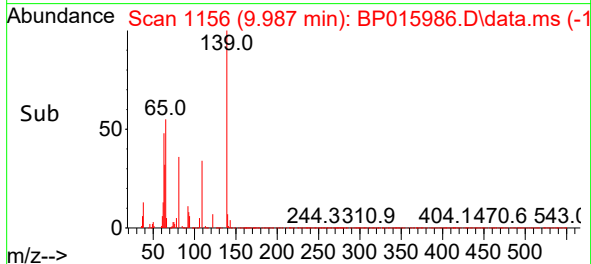
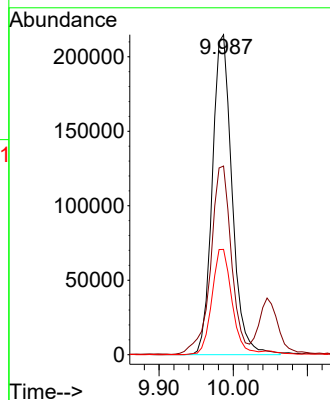
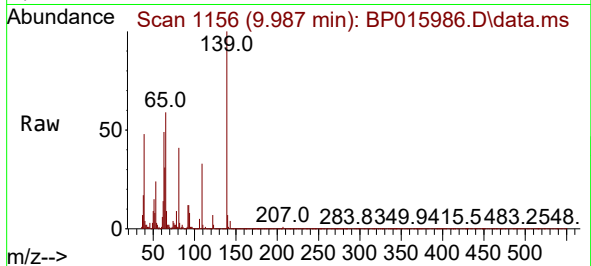




#25
2-Nitrophenol
Concen: 36.342 ng/ul
RT: 9.987 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

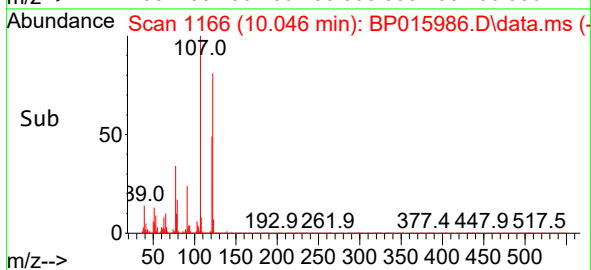
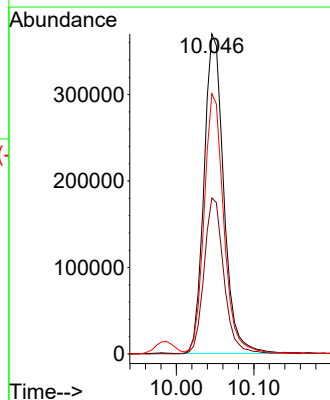
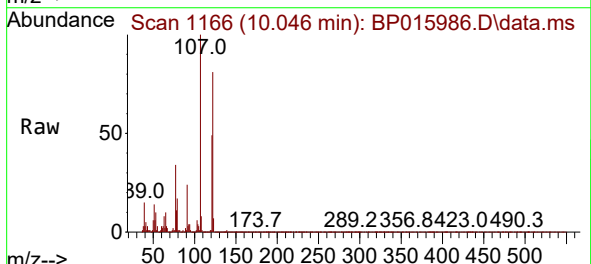
Instrument :
BNA_P
ClientSampleId :
SLCS764

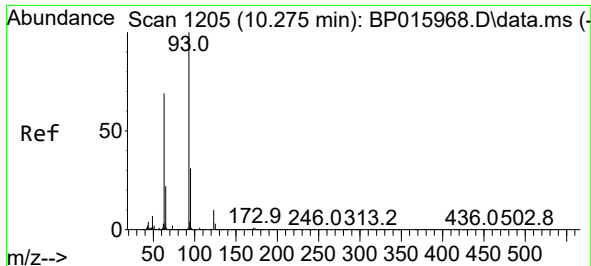
Tgt Ion:139 Resp: 397421
Ion Ratio Lower Upper
139 100
65 59.0 50.2 75.2
109 32.9 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 27.242 ng/ul
RT: 10.046 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:107 Resp: 654891
Ion Ratio Lower Upper
107 100
121 48.8 38.2 57.2
122 81.4 62.1 93.1



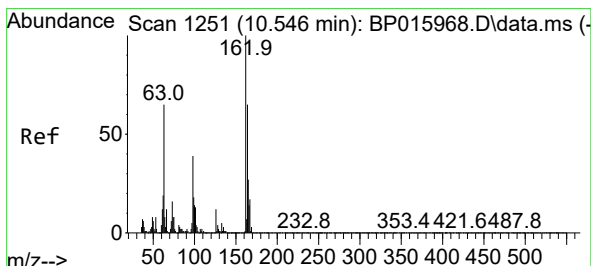
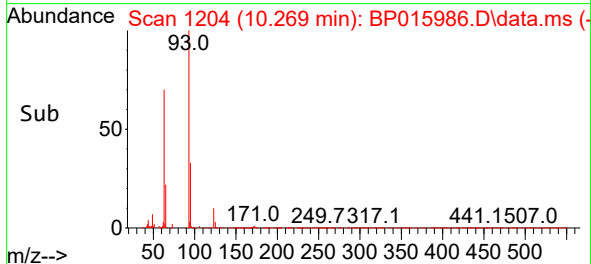
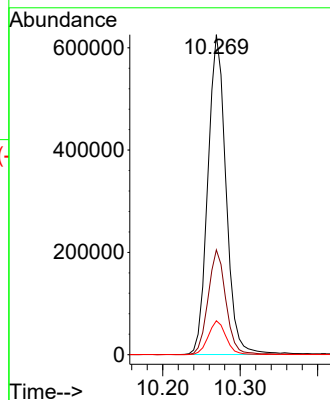
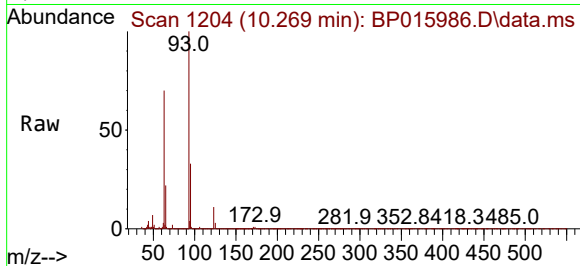


#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.869 ng/ul
 RT: 10.269 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP015986.D
 Acq: 04 Jul 2023 20:48

Instrument :
 BNA_P
 ClientSampleId :
 SLCS764

Tgt Ion: 93 Resp: 1014231

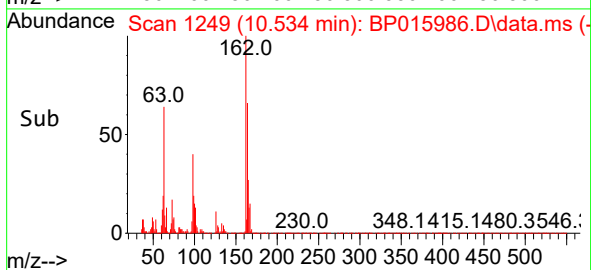
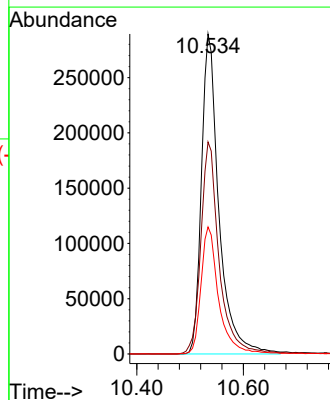
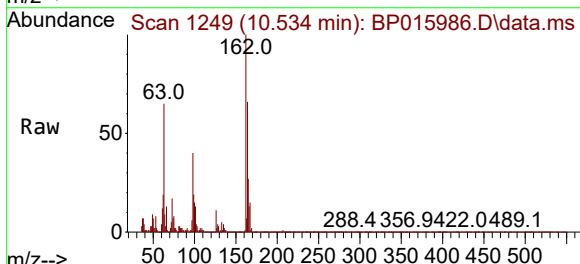
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	39.8
123	10.6	8.6	13.0

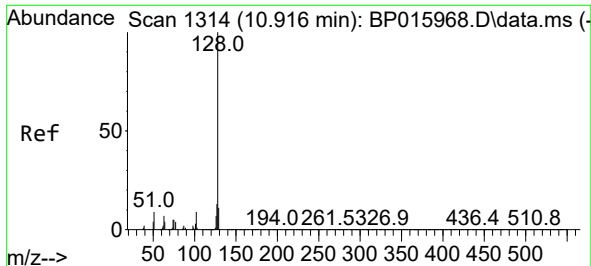


#29
 2,4-Dichlorophenol
 Concen: 36.100 ng/ul
 RT: 10.534 min Scan# 1249
 Delta R.T. -0.006 min
 Lab File: BP015986.D
 Acq: 04 Jul 2023 20:48

Tgt Ion:162 Resp: 658996

Ion	Ratio	Lower	Upper
162	100		
164	66.3	53.0	79.6
98	39.7	31.3	46.9

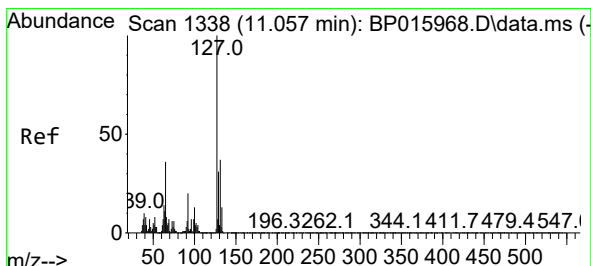
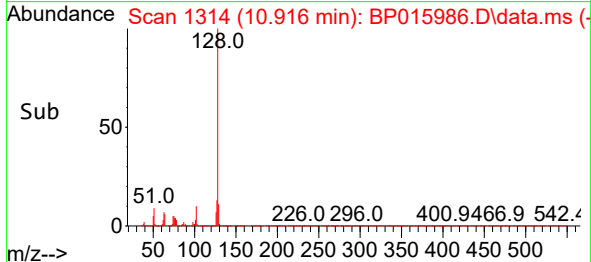
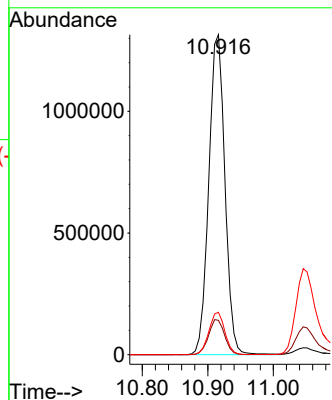
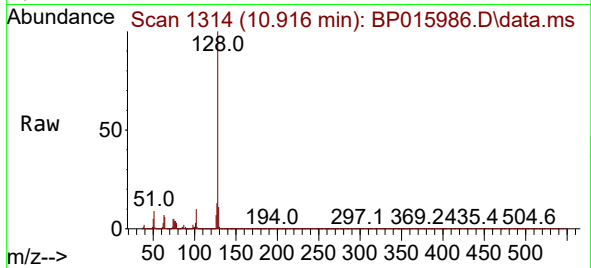




#30
Naphthalene
Concen: 35.796 ng/ul
RT: 10.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

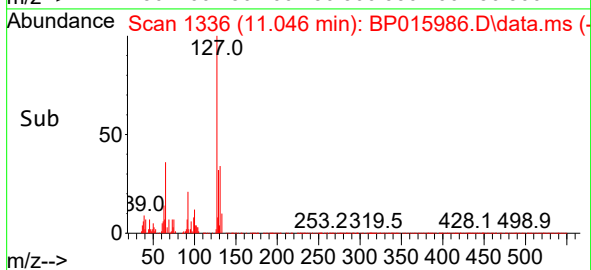
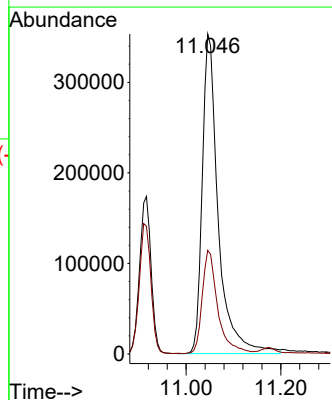
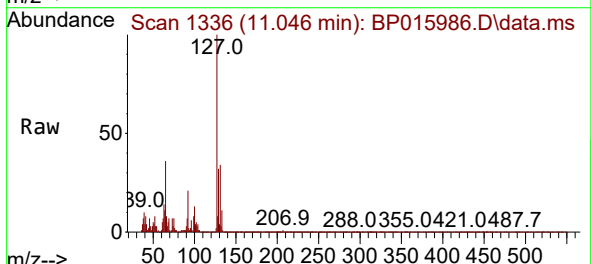
Instrument :
BNA_P
ClientSampleId :
SLCS764

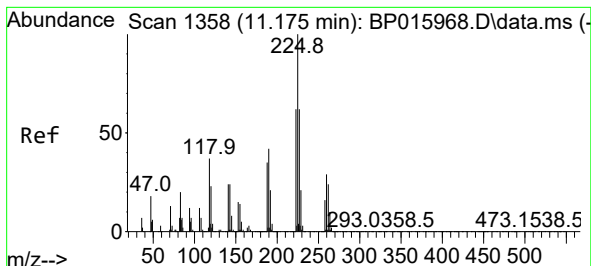
Tgt Ion:128 Resp: 2247968
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.2 10.3 15.5



#32
4-Chloroaniline
Concen: 33.620 ng/ul
RT: 11.046 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:127 Resp: 823905
Ion Ratio Lower Upper
127 100
129 32.3 24.7 37.1





#33

Hexachlorobutadiene

Concen: 30.099 ng/ul

RT: 11.175 min Scan# 11

Delta R.T. -0.011 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

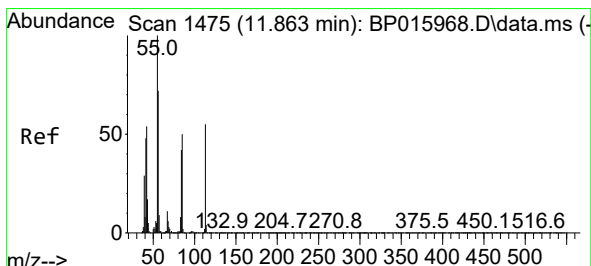
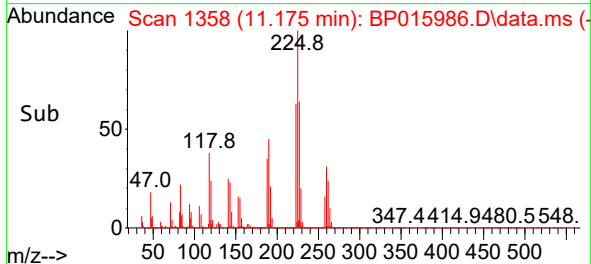
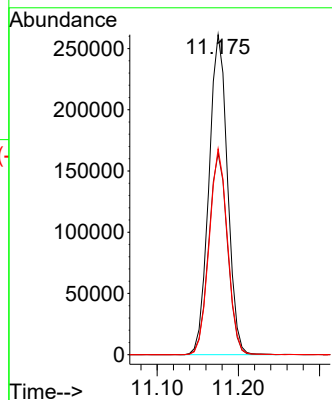
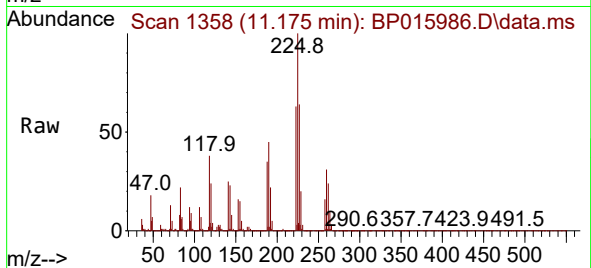
Tgt Ion:225 Resp: 414940

Ion Ratio Lower Upper

225 100

223 62.9 50.4 75.6

227 64.3 51.0 76.4



#34

Caprolactam

Concen: 35.518 ng/ul

RT: 11.869 min Scan# 1476

Delta R.T. 0.012 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

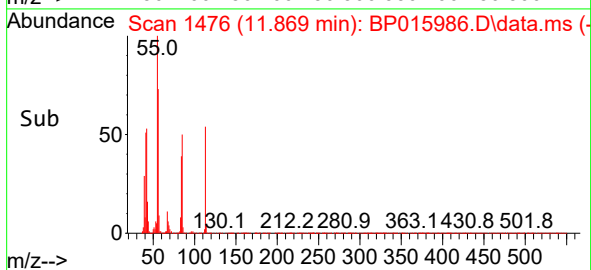
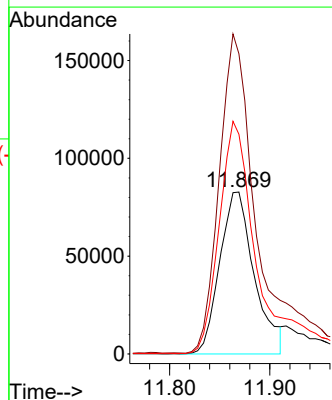
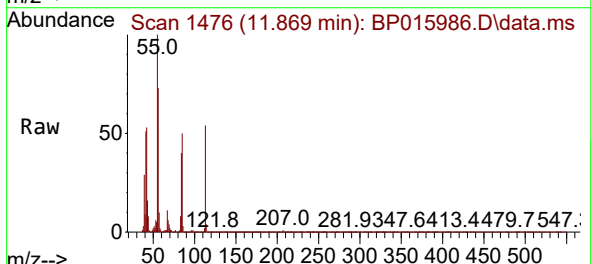
Tgt Ion:113 Resp: 198329

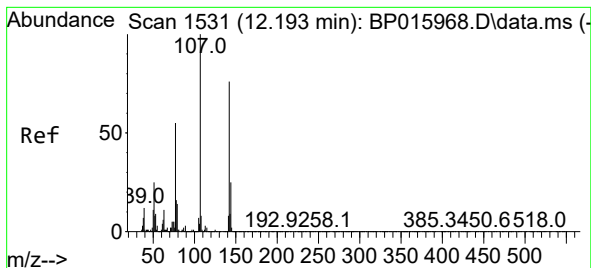
Ion Ratio Lower Upper

113 100

55 185.3 142.8 214.2

56 135.7 116.9 175.3

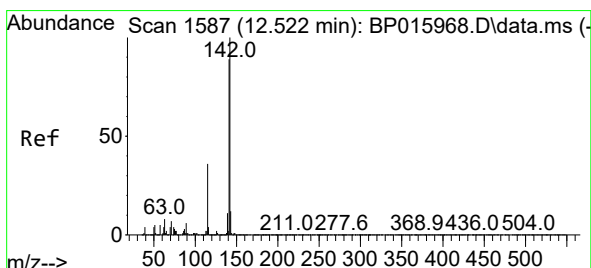
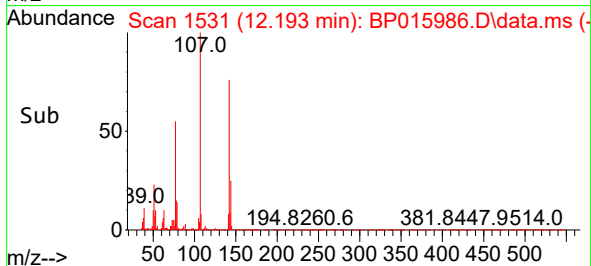
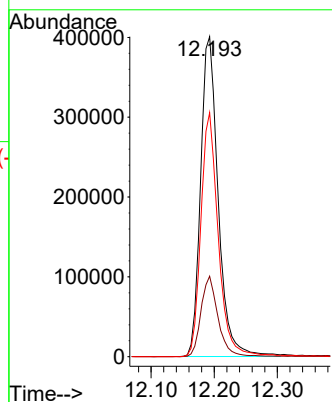
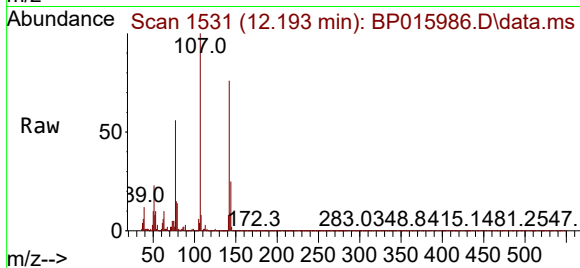




#35
4-Chloro-3-methylphenol
Concen: 36.359 ng/ul
RT: 12.193 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

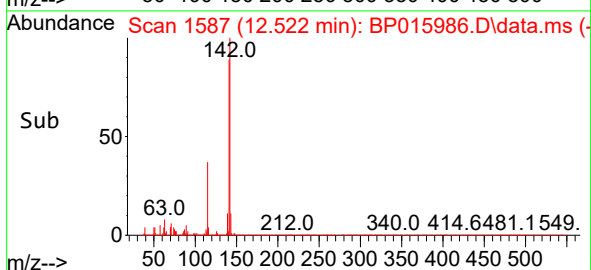
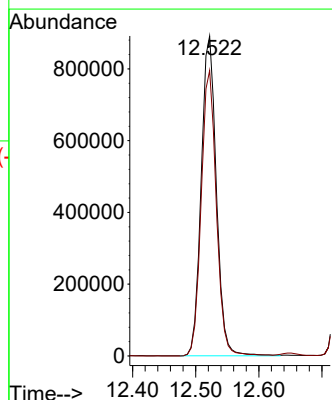
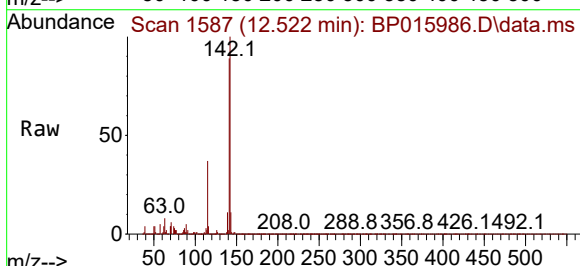
Instrument :
BNA_P
ClientSampleId :
SLCS764

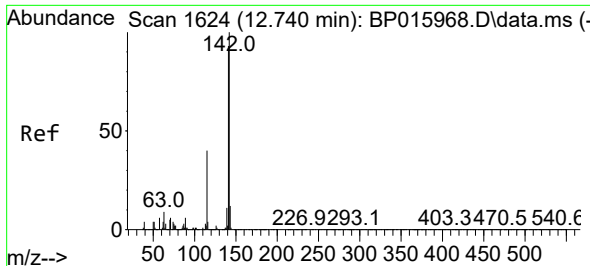
Tgt Ion:107 Resp: 776929
Ion Ratio Lower Upper
107 100
144 25.1 18.4 27.6
142 76.2 58.6 87.8



#36
2-Methylnaphthalene
Concen: 35.876 ng/ul
RT: 12.522 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:142 Resp: 1483161
Ion Ratio Lower Upper
142 100
141 89.2 73.2 109.8





#37

1-Methylnaphthalene

Concen: 35.526 ng/ul

RT: 12.740 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

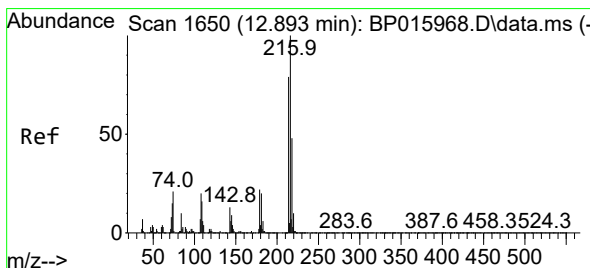
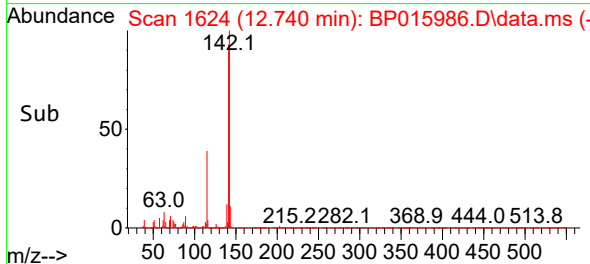
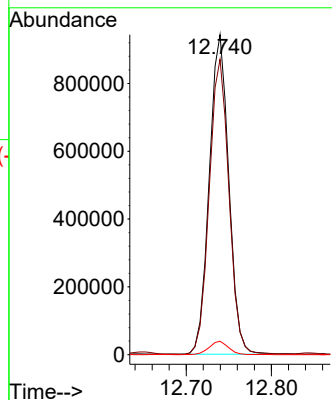
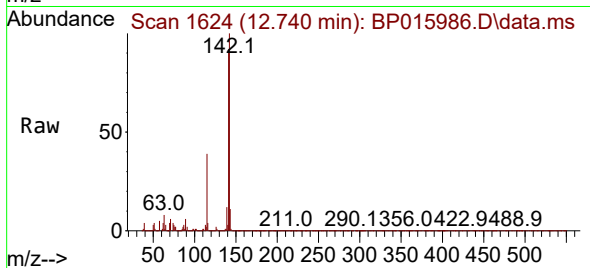
Tgt Ion:142 Resp: 1498260

Ion Ratio Lower Upper

142 100

141 92.3 73.1 109.7

116 4.2 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.698 ng/ul

RT: 12.893 min Scan# 1650

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Tgt Ion:216 Resp: 783609

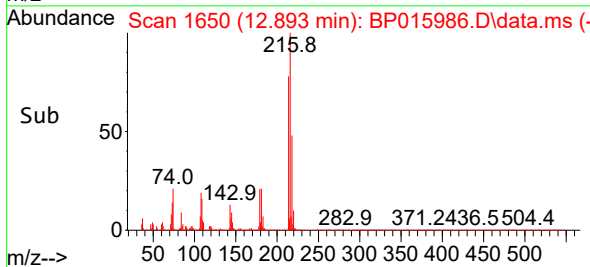
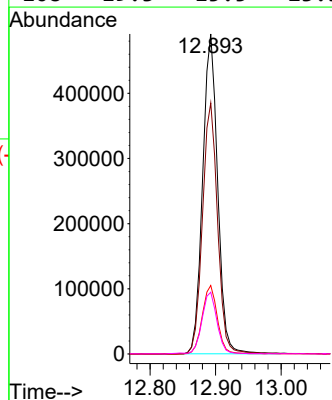
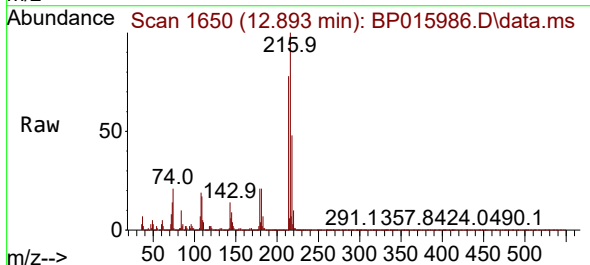
Ion Ratio Lower Upper

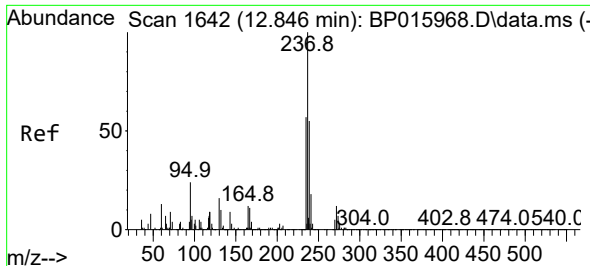
216 100

214 78.4 62.4 93.6

179 21.4 17.6 26.4

108 19.3 15.5 23.3

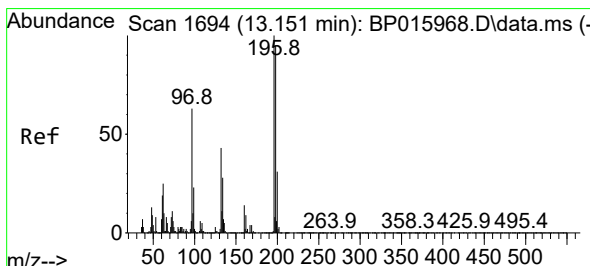
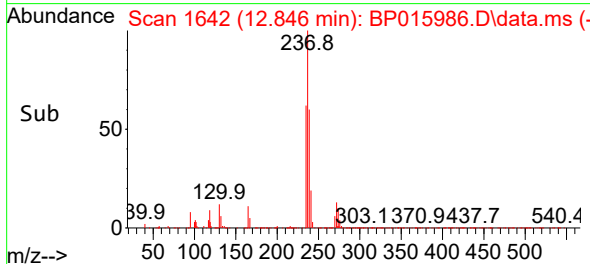
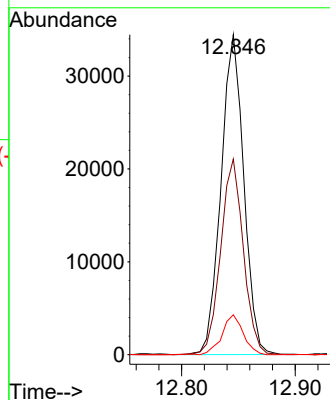
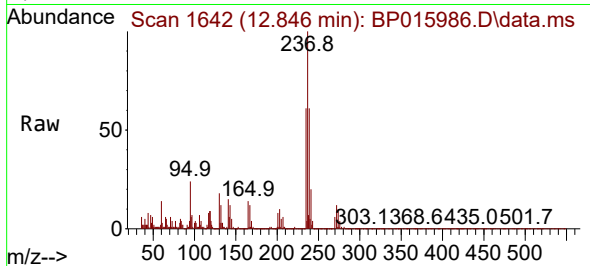




#40
Hexachlorocyclopentadiene
Concen: 7.104 ng/ul
RT: 12.846 min Scan# 1642
Delta R.T. -0.011 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

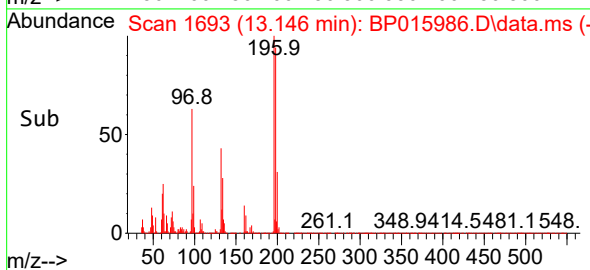
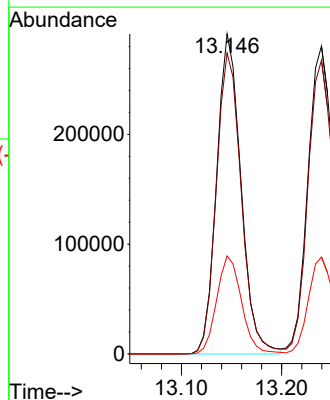
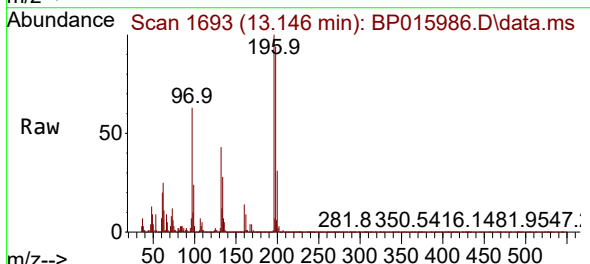
Instrument :
BNA_P
ClientSampleId :
SLCS764

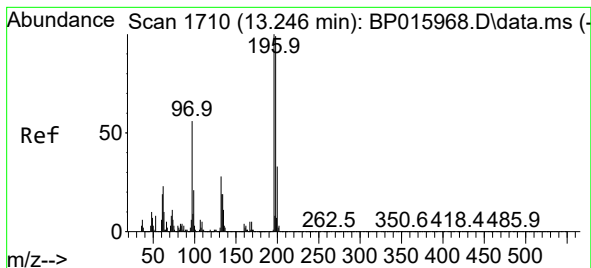
Tgt Ion:237 Resp: 47998
Ion Ratio Lower Upper
237 100
235 61.1 48.6 73.0
272 13.4 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 34.368 ng/ul
RT: 13.146 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:196 Resp: 490510
Ion Ratio Lower Upper
196 100
198 94.0 75.4 113.2
200 30.6 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 36.726 ng/ul

RT: 13.240 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

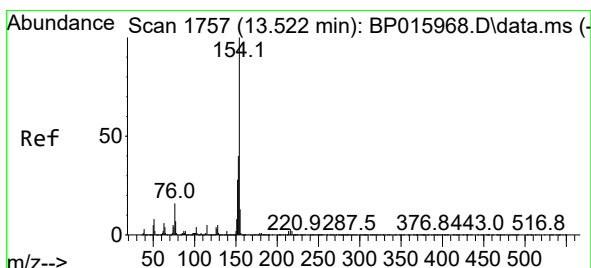
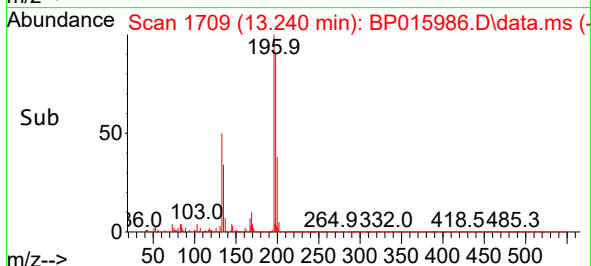
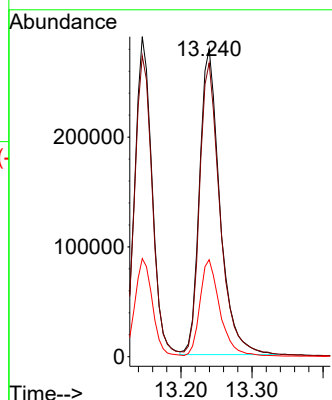
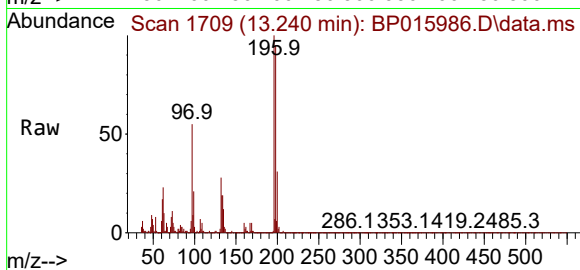
Tgt Ion:196 Resp: 555976

Ion Ratio Lower Upper

196 100

198 95.3 74.9 112.3

200 31.5 24.3 36.5



#43

1,1'-Biphenyl

Concen: 36.427 ng/ul

RT: 13.522 min Scan# 1757

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

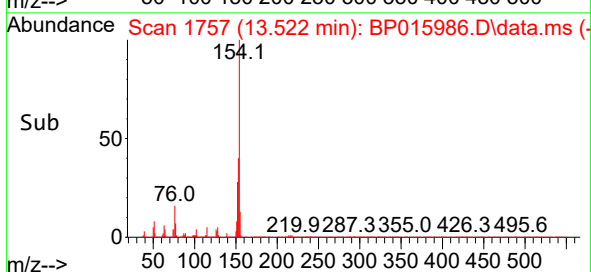
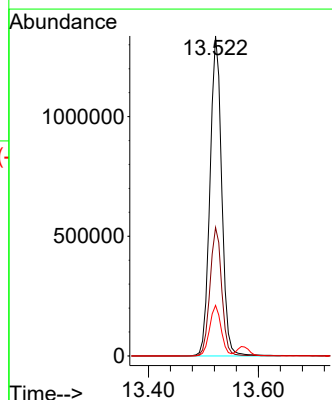
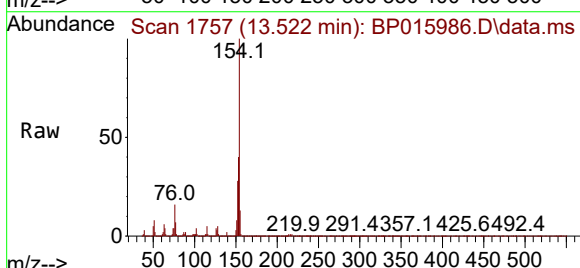
Tgt Ion:154 Resp: 1977340

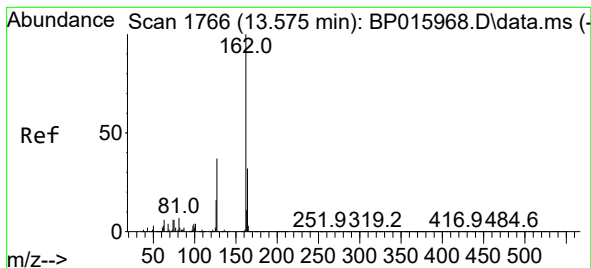
Ion Ratio Lower Upper

154 100

153 40.1 32.8 49.2

76 15.8 10.7 16.1

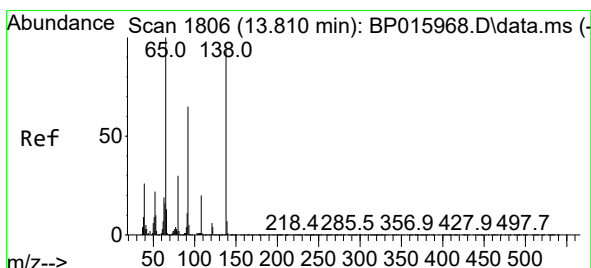
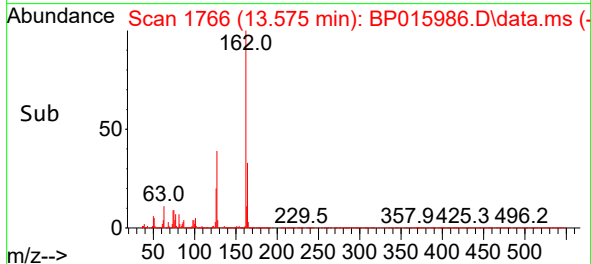
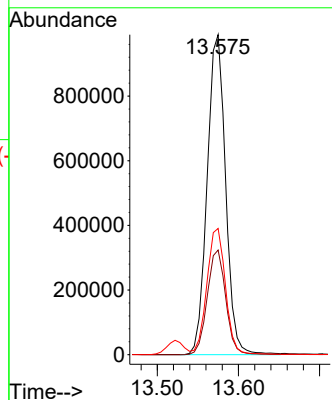
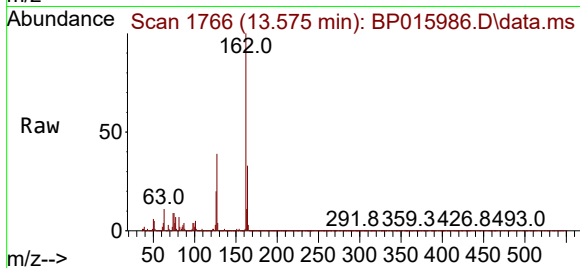




#44
2-Chloronaphthalene
Concen: 36.516 ng/ul
RT: 13.575 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

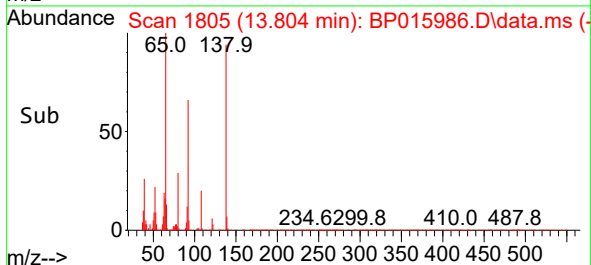
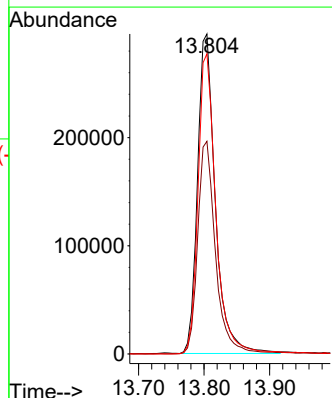
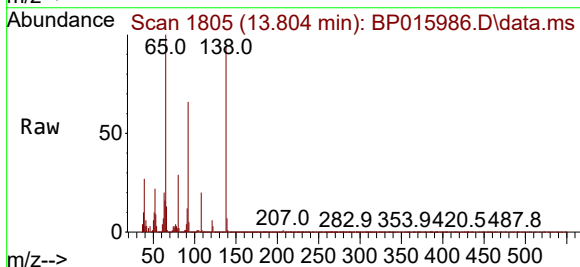
Instrument :
BNA_P
ClientSampleId :
SLCS764

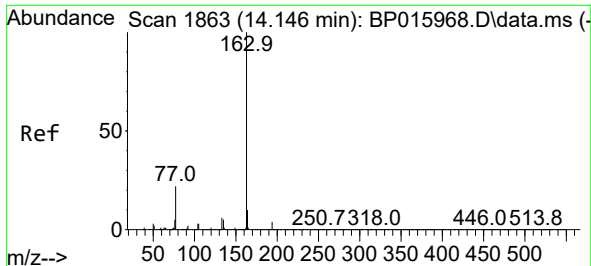
Tgt Ion:162 Resp: 1561502
Ion Ratio Lower Upper
162 100
164 32.7 26.1 39.1
127 39.5 33.4 50.0



#45
2-Nitroaniline
Concen: 41.532 ng/ul
RT: 13.804 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion: 65 Resp: 558810
Ion Ratio Lower Upper
65 100
92 66.4 49.5 74.3
138 93.8 71.4 107.2





#47

Dimethylphthalate

Concen: 36.157 ng/ul

RT: 14.145 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

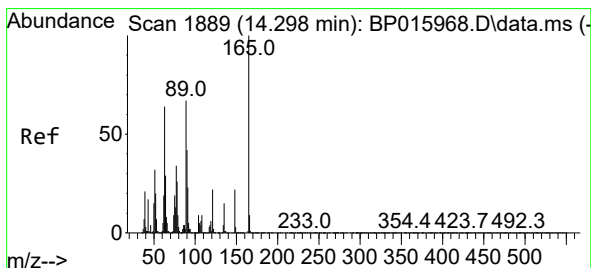
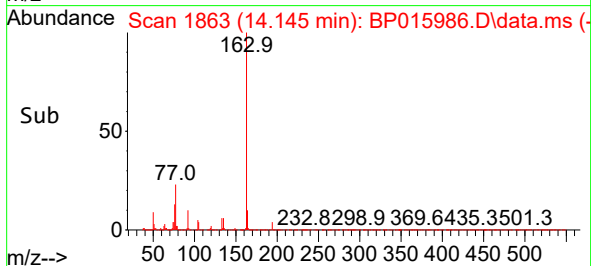
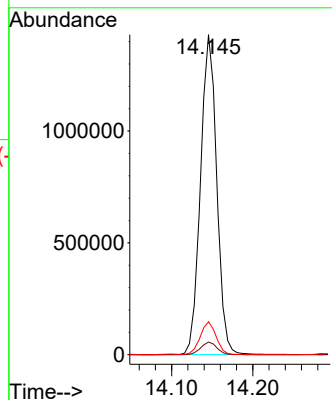
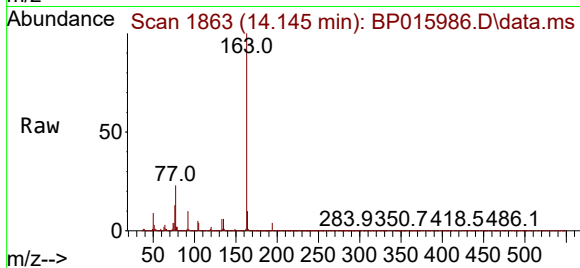
Tgt Ion:163 Resp: 1982115

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 7.7 11.5



#48

2,6-Dinitrotoluene

Concen: 38.964 ng/ul

RT: 14.293 min Scan# 1888

Delta R.T. 0.000 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

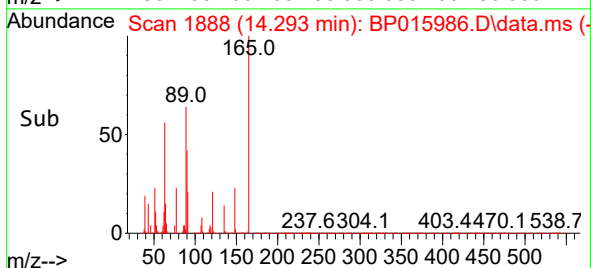
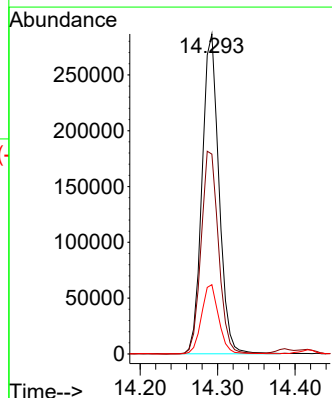
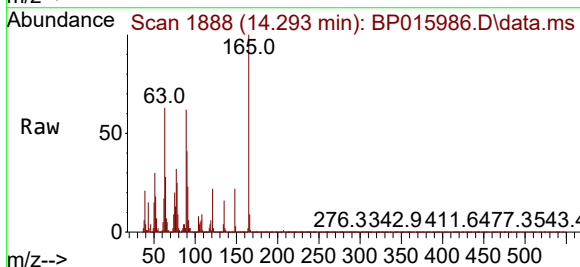
Tgt Ion:165 Resp: 433276

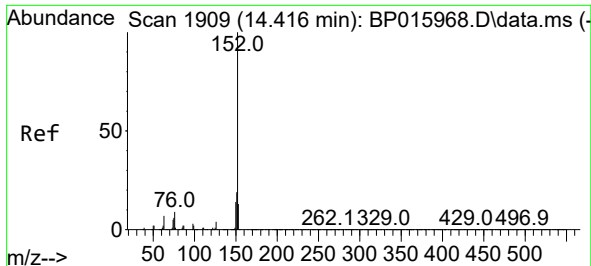
Ion Ratio Lower Upper

165 100

89 62.4 54.1 81.1

121 21.6 18.2 27.2

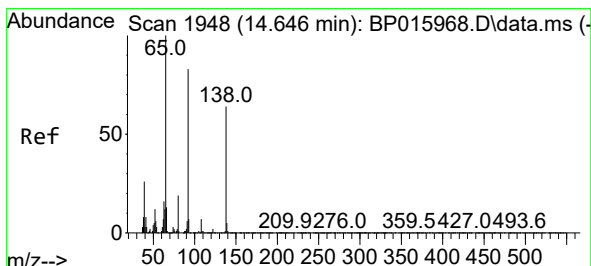
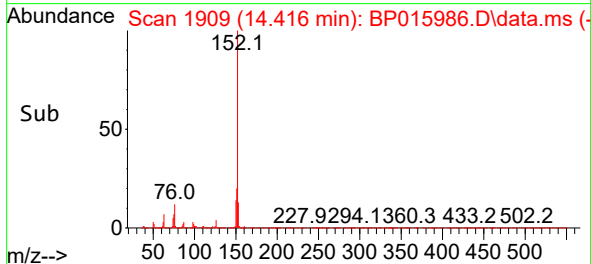
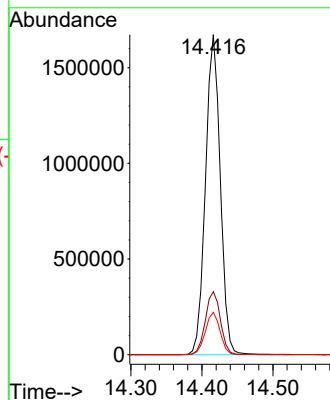
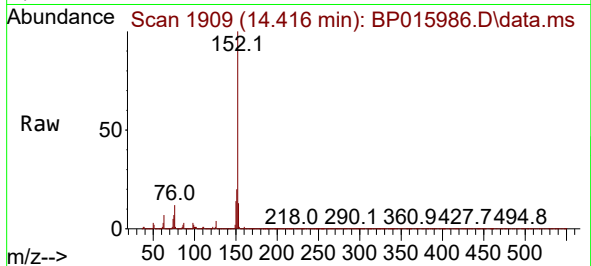




#50
Acenaphthylene
Concen: 36.927 ng/ul
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

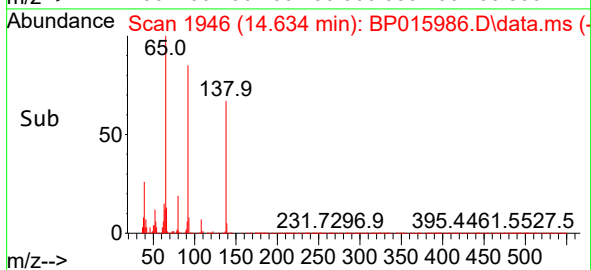
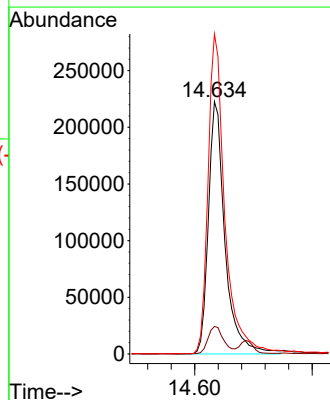
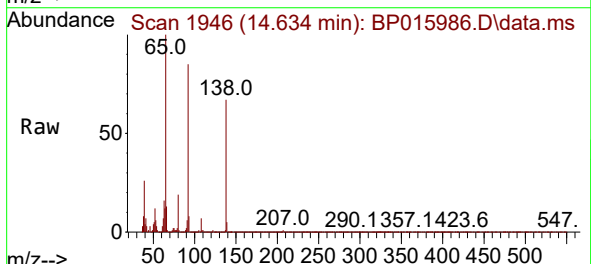
Instrument :
BNA_P
ClientSampleId :
SLCS764

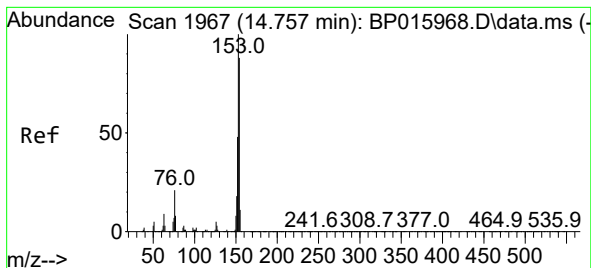
Tgt Ion:152 Resp: 2422839
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 49.921 ng/ul
RT: 14.634 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:138 Resp: 435314
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 126.8 96.8 145.2





#52

Acenaphthene

Concen: 36.964 ng/ul

RT: 14.757 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

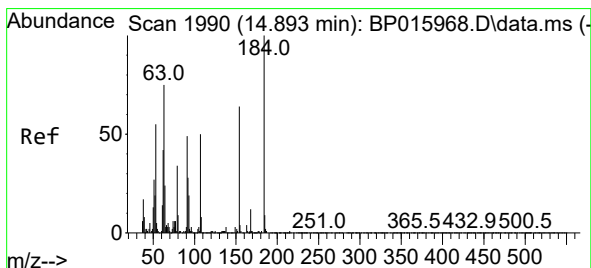
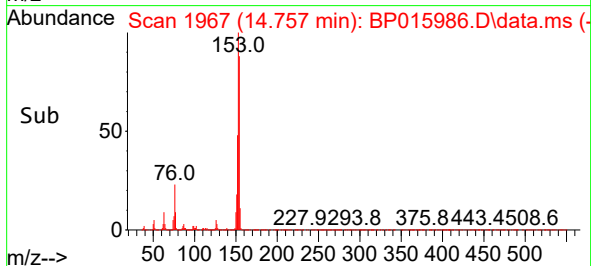
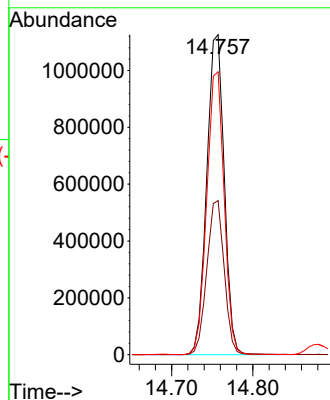
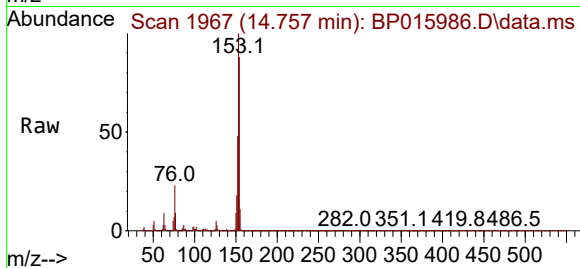
Tgt Ion:153 Resp: 1681759

Ion Ratio Lower Upper

153 100

152 48.2 39.4 59.2

154 88.4 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 18.753 ng/ul

RT: 14.881 min Scan# 1988

Delta R.T. 0.012 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

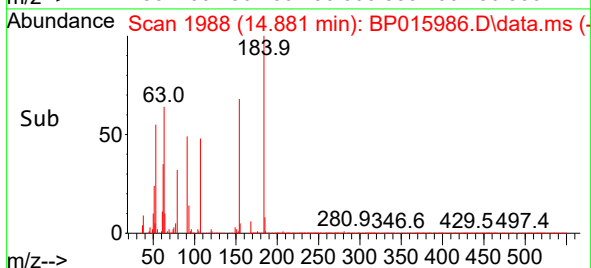
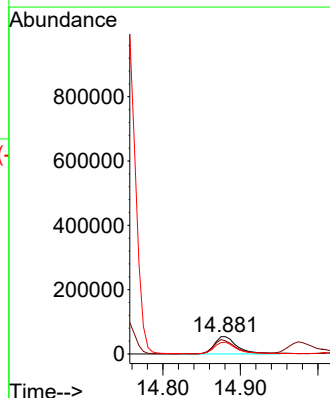
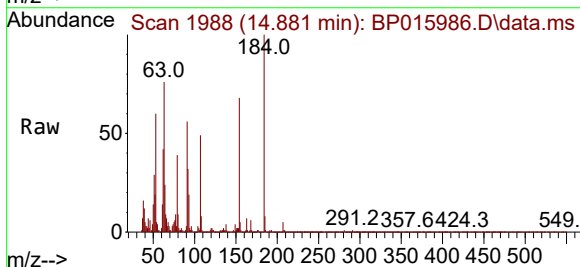
Tgt Ion:184 Resp: 110633

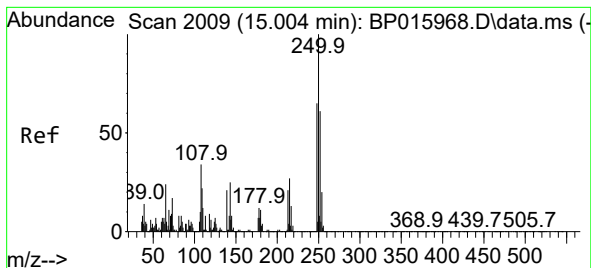
Ion Ratio Lower Upper

184 100

63 76.2 71.4 107.0

154 68.3 61.1 91.7

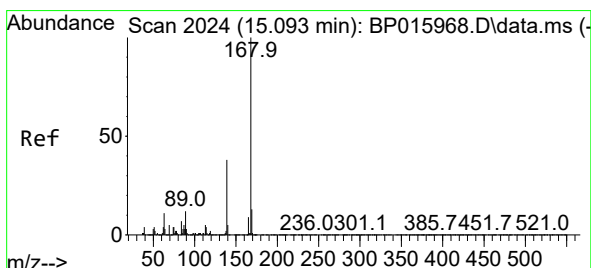
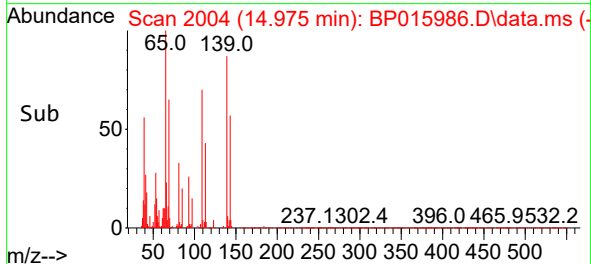
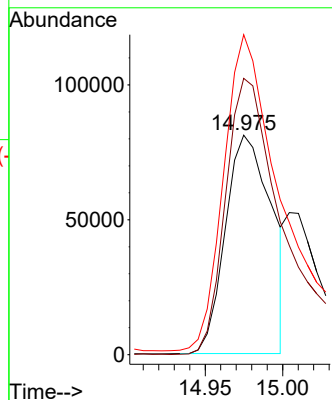
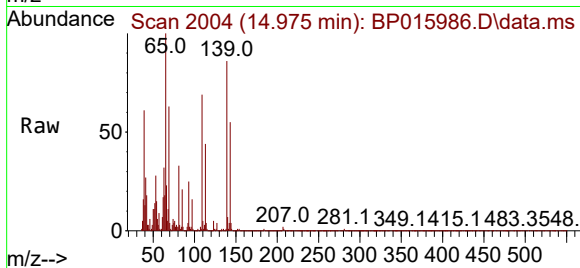




#55
4-Nitrophenol
Concen: 23.047 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

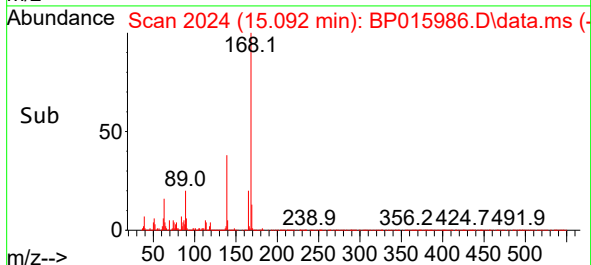
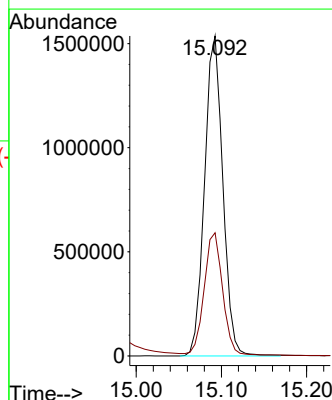
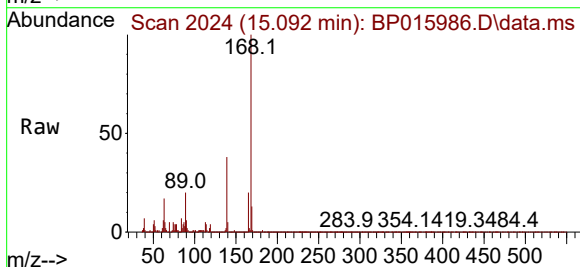
Instrument :
BNA_P
ClientSampleId :
SLCS764

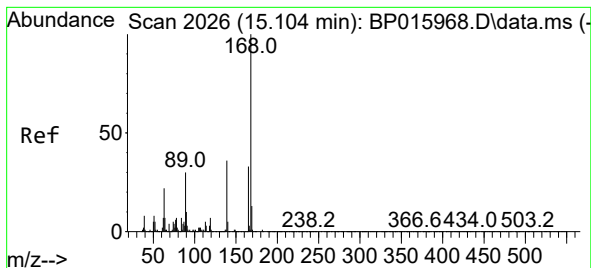
Tgt Ion:109 Resp: 166950
Ion Ratio Lower Upper
109 100
139 125.9 81.3 121.9#
65 145.8 99.9 149.9



#56
Dibenzofuran
Concen: 36.211 ng/ul
RT: 15.092 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:168 Resp: 2287040
Ion Ratio Lower Upper
168 100
139 38.5 32.2 48.4





#57

2,4-Dinitrotoluene

Concen: 39.116 ng/ul

RT: 15.098 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

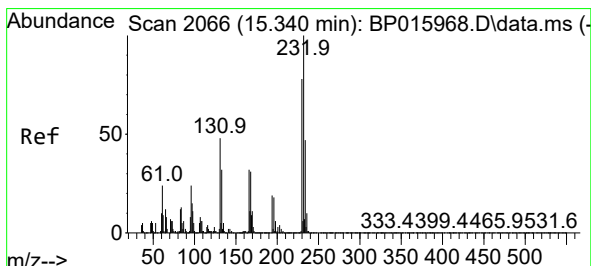
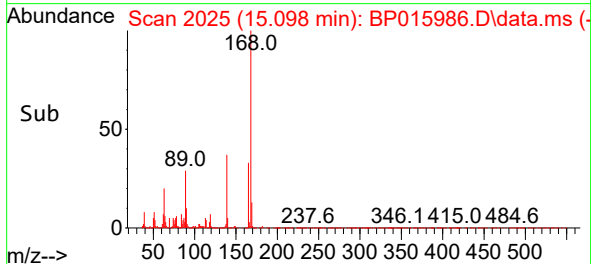
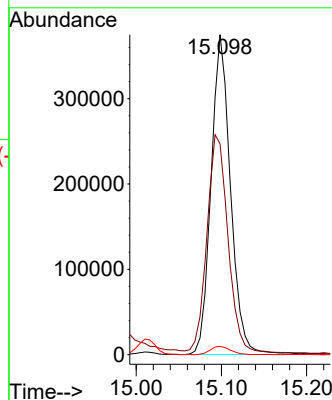
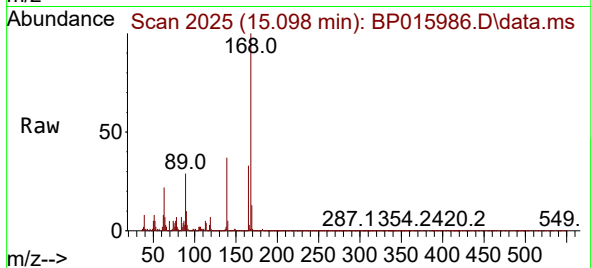
Tgt Ion:165 Resp: 592732

Ion Ratio Lower Upper

165 100

63 65.9 56.8 85.2

182 2.6 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.757 ng/ul

RT: 15.334 min Scan# 2065

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Tgt Ion:232 Resp: 412945

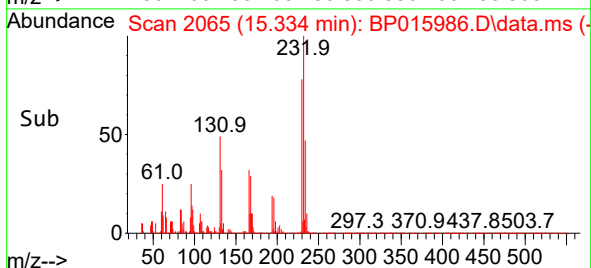
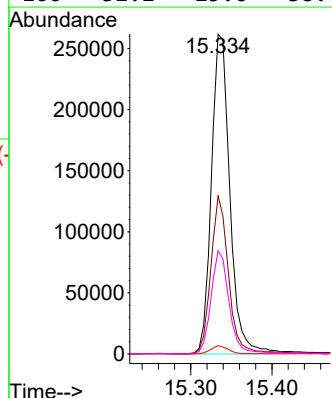
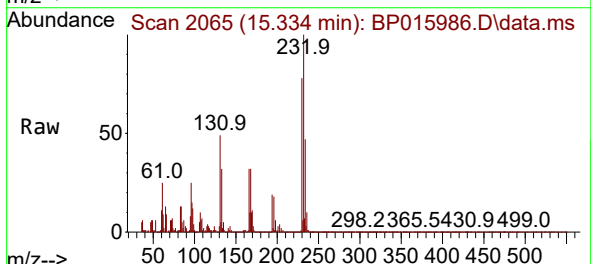
Ion Ratio Lower Upper

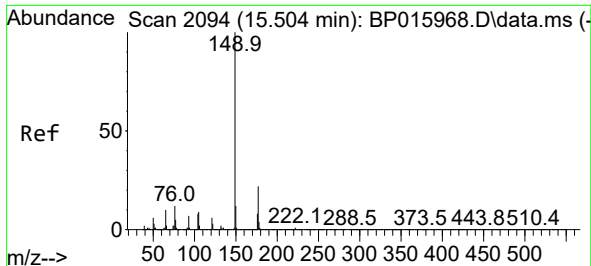
232 100

131 49.4 38.2 57.2

130 2.6 2.2 3.2

166 32.2 25.6 38.4

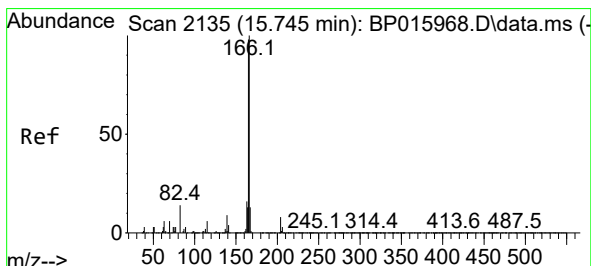
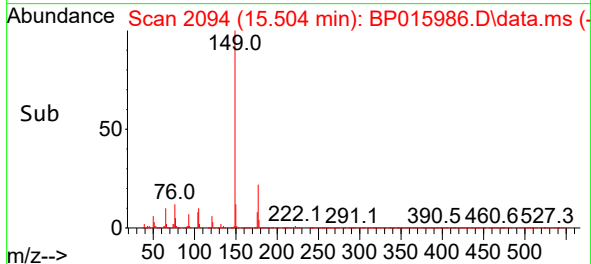
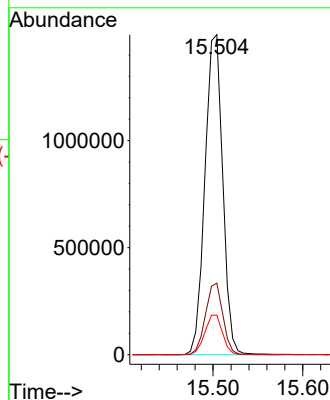
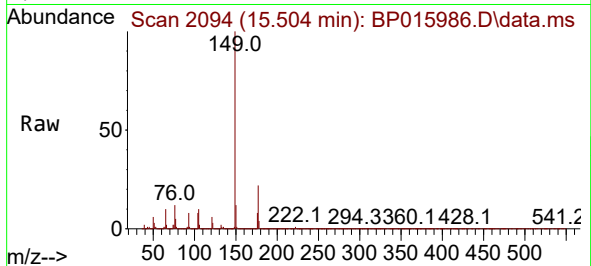




#59
Diethylphthalate
Concen: 37.026 ng/ul
RT: 15.504 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

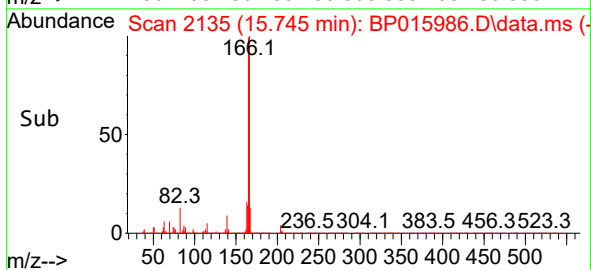
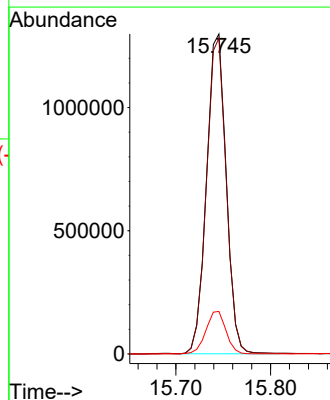
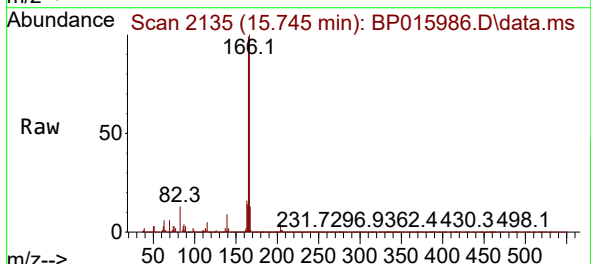
Instrument :
BNA_P
ClientSampleId :
SLCS764

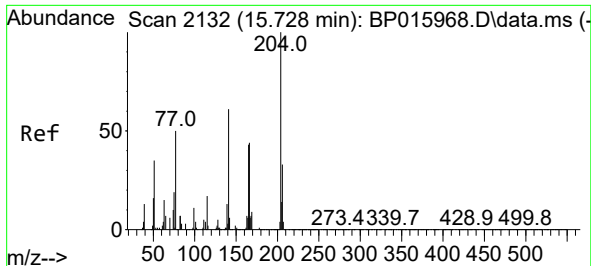
Tgt Ion:149 Resp: 2054013
Ion Ratio Lower Upper
149 100
177 22.3 16.8 25.2
150 12.4 10.3 15.5



#61
Fluorene
Concen: 36.671 ng/ul
RT: 15.745 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:166 Resp: 1878601
Ion Ratio Lower Upper
166 100
165 98.7 78.7 118.1
167 13.3 10.5 15.7

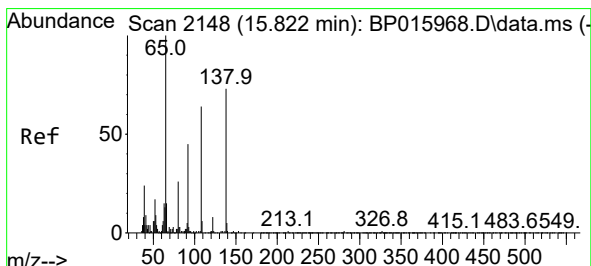
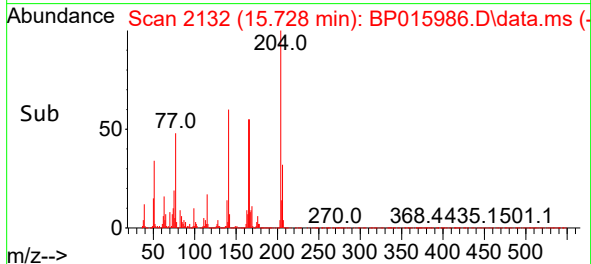
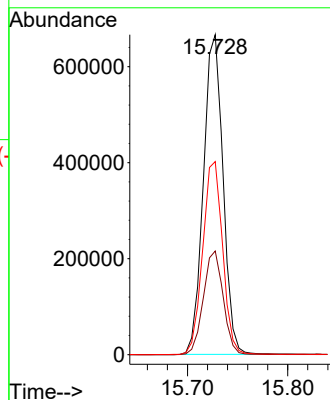
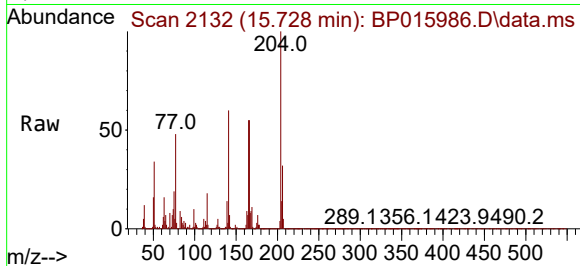




#62
4-Chlorophenyl-phenylether
Concen: 34.682 ng/ul
RT: 15.728 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

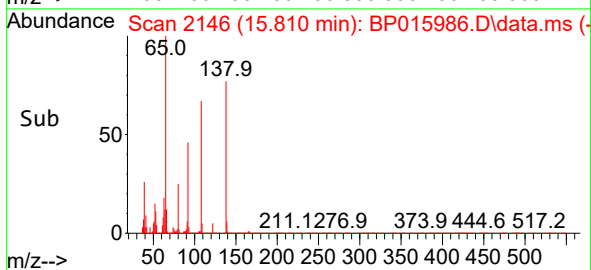
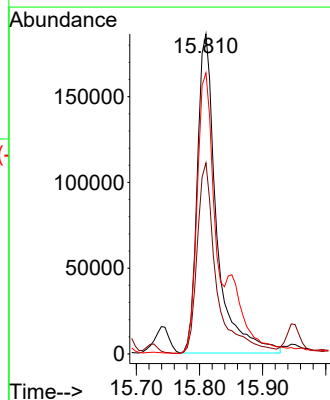
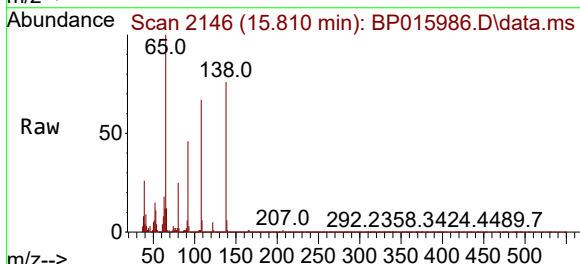
Instrument :
BNA_P
ClientSampleId :
SLCS764

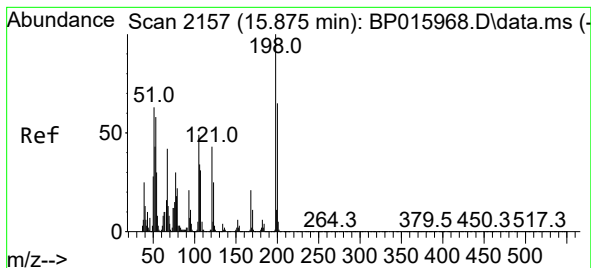
Tgt Ion:204 Resp: 909122
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 60.4 51.8 77.8



#63
4-Nitroaniline
Concen: 66.334 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:138 Resp: 395892
Ion Ratio Lower Upper
138 100
92 59.7 50.1 75.1
108 87.9 85.5 128.3

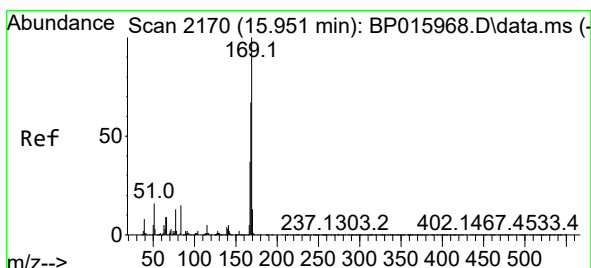
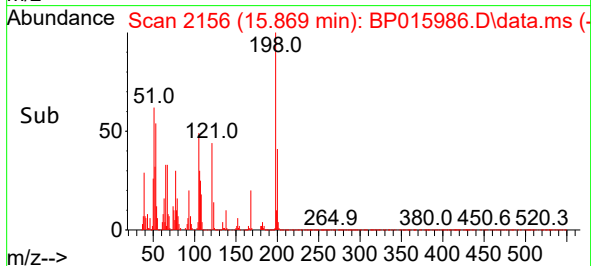
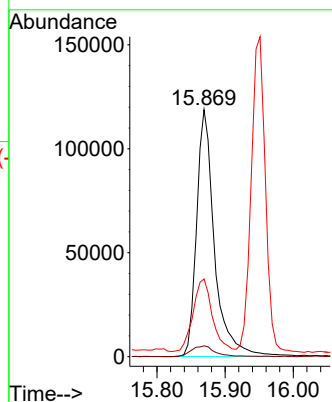
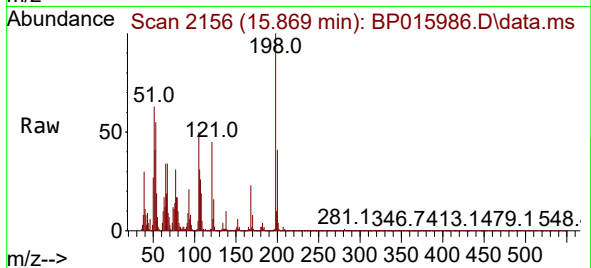




#66
4,6-Dinitro-2-methylphenol
Concen: 24.219 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

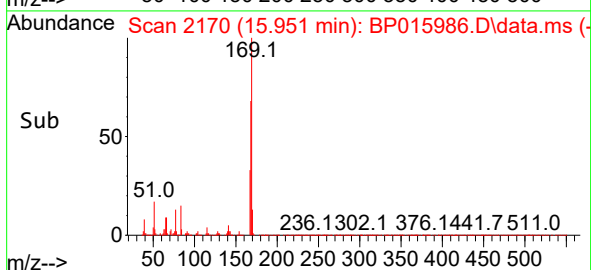
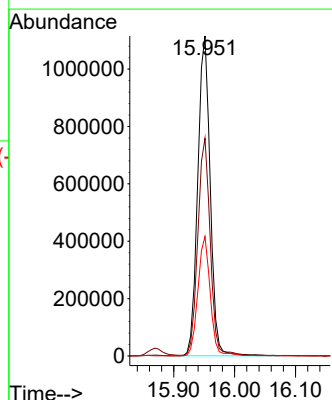
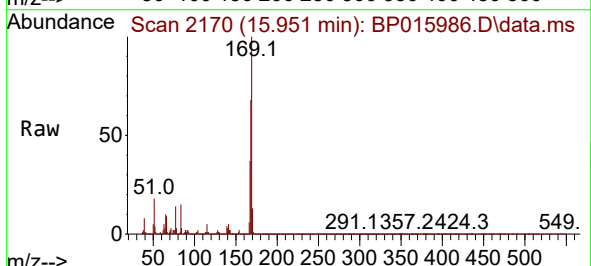
Instrument :
BNA_P
ClientSampleId :
SLCS764

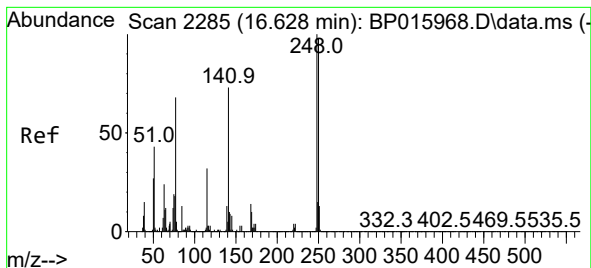
Tgt Ion:198 Resp: 215661
Ion Ratio Lower Upper
198 100
182 4.4 3.4 5.2
77 31.5 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 37.030 ng/ul
RT: 15.951 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:169 Resp: 1586418
Ion Ratio Lower Upper
169 100
168 68.0 54.2 81.4
167 37.4 29.7 44.5

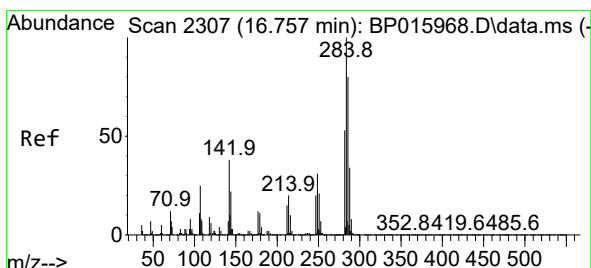
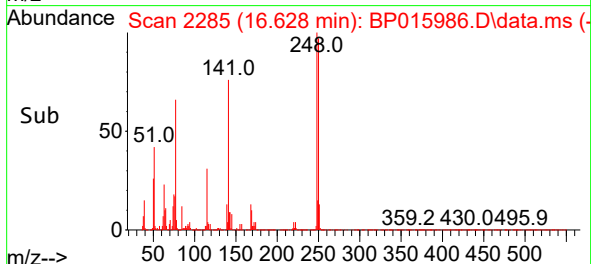
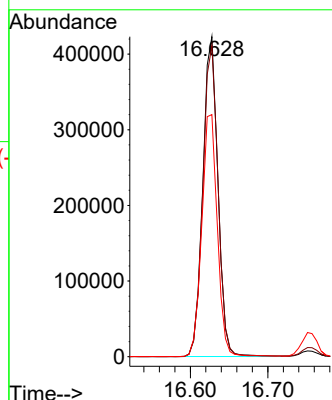
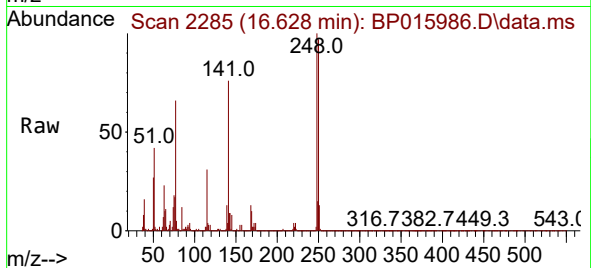




#68
4-Bromophenyl-phenylether
Concen: 35.039 ng/ul
RT: 16.628 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

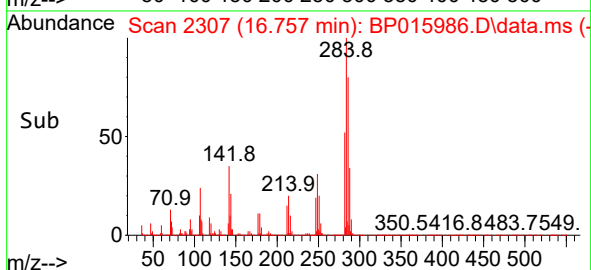
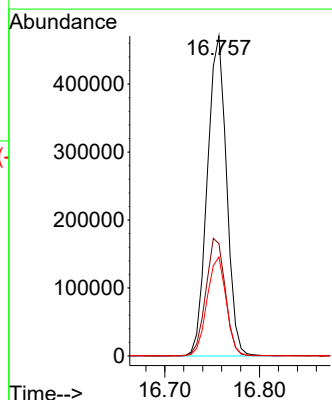
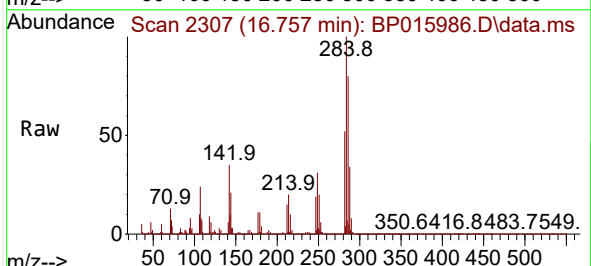
Instrument :
BNA_P
ClientSampleId :
SLCS764

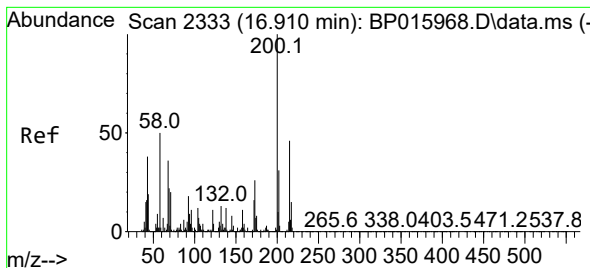
Tgt Ion:248 Resp: 572594
Ion Ratio Lower Upper
248 100
250 97.2 84.6 126.8
141 75.7 67.8 101.6



#69
Hexachlorobenzene
Concen: 34.328 ng/ul
RT: 16.757 min Scan# 2307
Delta R.T. 0.000 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:284 Resp: 661929
Ion Ratio Lower Upper
284 100
142 35.1 27.8 41.8
249 30.9 26.1 39.1





#70

Atrazine

Concen: 10.344 ng/ul

RT: 16.910 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

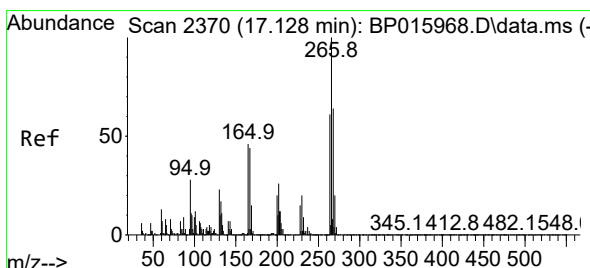
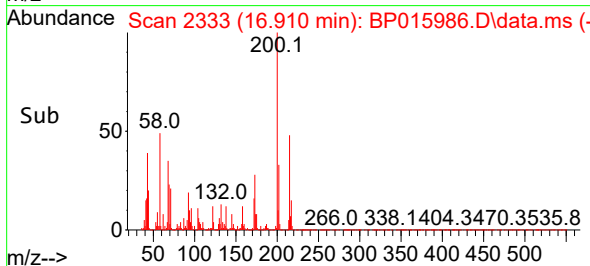
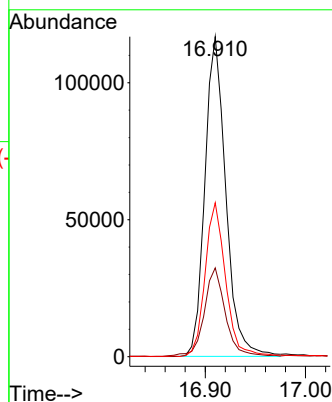
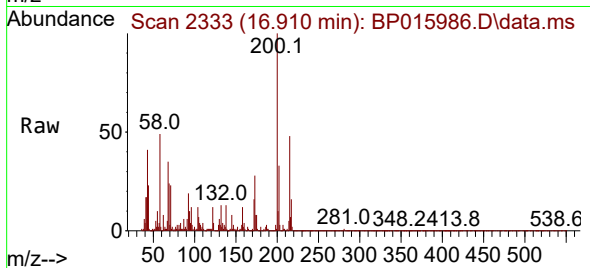
Tgt Ion:200 Resp: 169638

Ion Ratio Lower Upper

200 100

173 27.7 19.8 29.8

215 48.1 36.8 55.2



#71

Pentachlorophenol

Concen: 28.597 ng/ul

RT: 17.122 min Scan# 2369

Delta R.T. 0.000 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

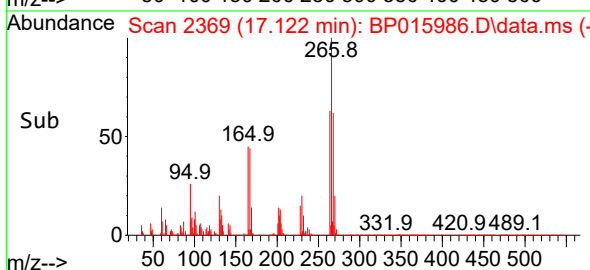
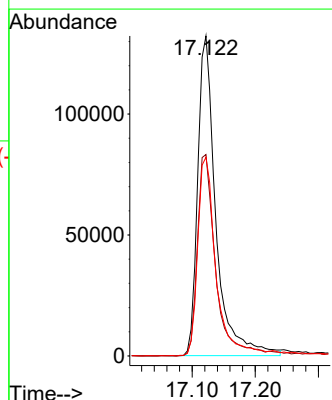
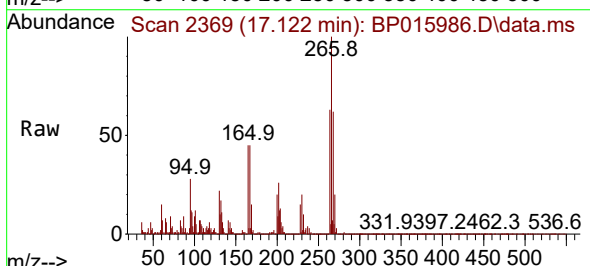
Tgt Ion:266 Resp: 264649

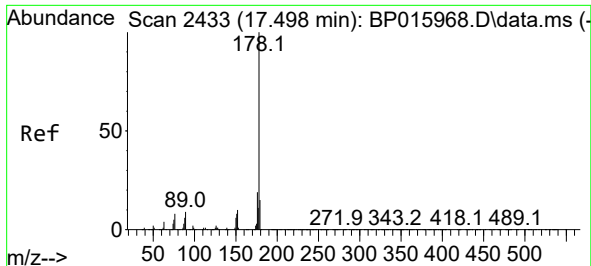
Ion Ratio Lower Upper

266 100

264 63.0 53.4 80.2

268 62.1 51.4 77.2

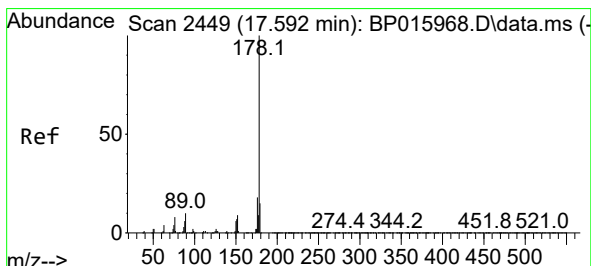
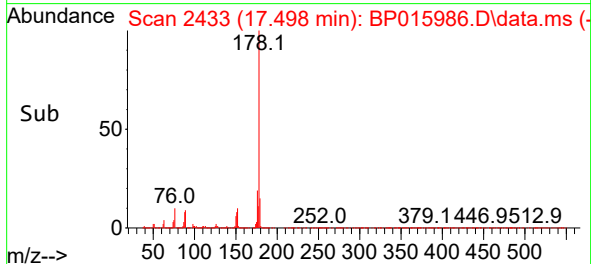
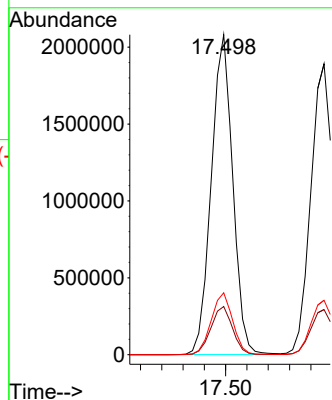
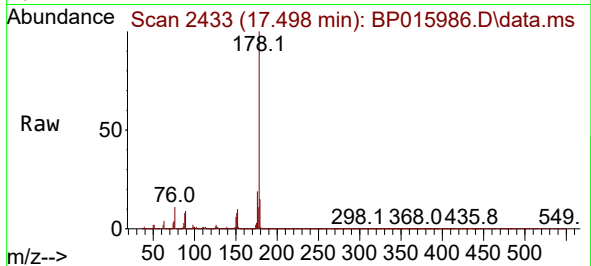




#72
Phenanthrene
Concen: 37.467 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

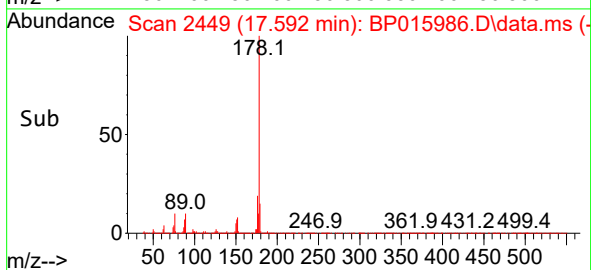
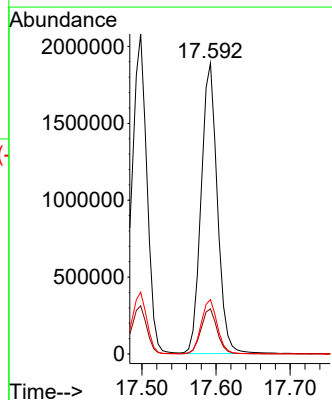
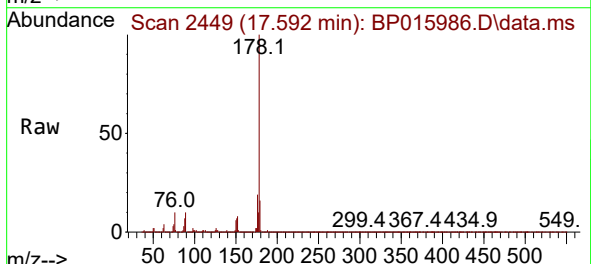
Instrument :
BNA_P
ClientSampleId :
SLCS764

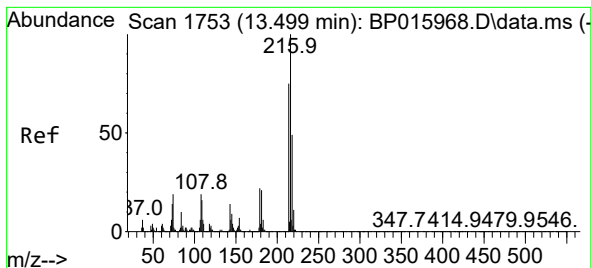
Tgt Ion:178 Resp: 2912815
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.4 15.6 23.4



#74
Anthracene
Concen: 36.731 ng/ul
RT: 17.592 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:178 Resp: 2869380
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 18.7 14.6 22.0

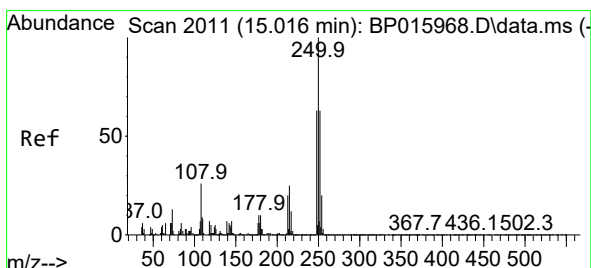
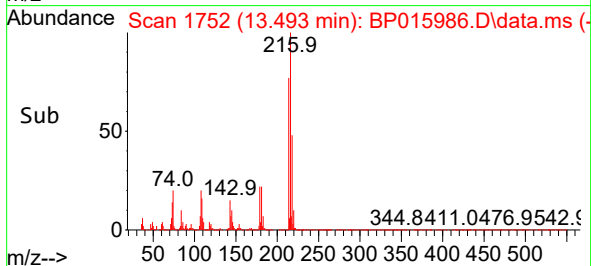
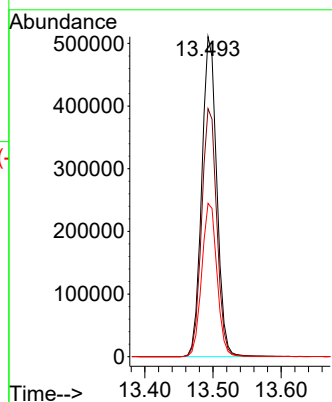
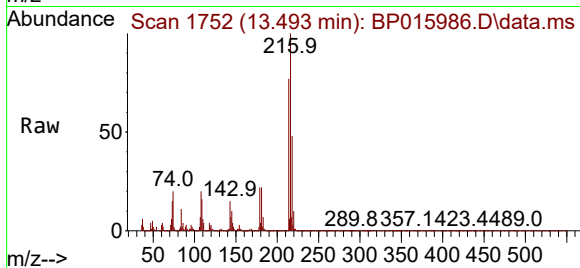




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.579 ng/uL
RT: 13.493 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

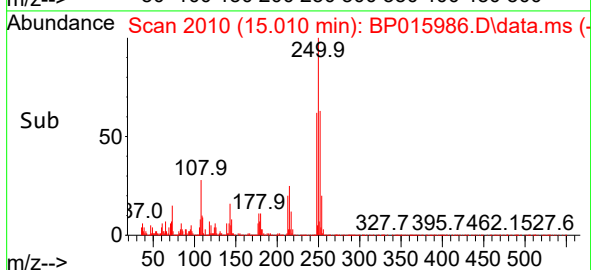
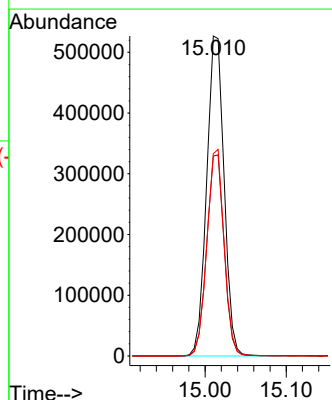
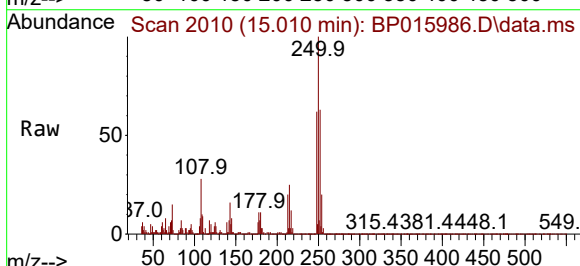
Instrument :
BNA_P
ClientSampleId :
SLCS764

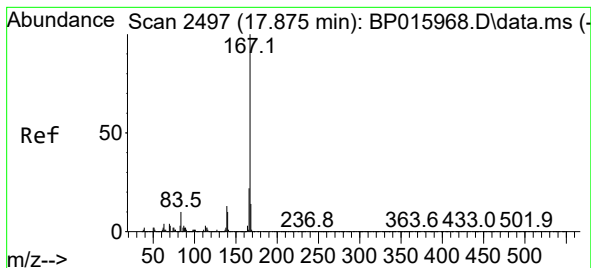
Tgt Ion:216 Resp: 781932
Ion Ratio Lower Upper
216 100
214 77.5 62.0 93.0
218 47.9 38.4 57.6



#76
Pentachlorobenzene
Concen: 33.338 ng/uL
RT: 15.010 min Scan# 2010
Delta R.T. -0.011 min
Lab File: BP015986.D
Acq: 04 Jul 2023 20:48

Tgt Ion:250 Resp: 783503
Ion Ratio Lower Upper
250 100
248 62.5 50.7 76.1
252 63.2 51.2 76.8





#77

Carbazole

Concen: 39.609 ng/ul

RT: 17.875 min Scan# 2497

Delta R.T. 0.000 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

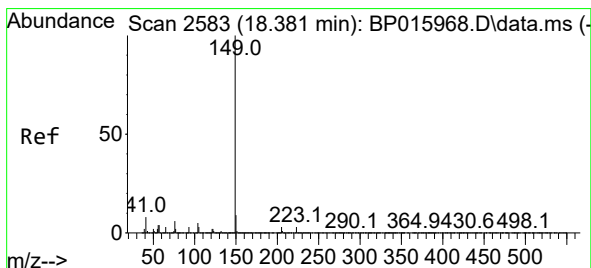
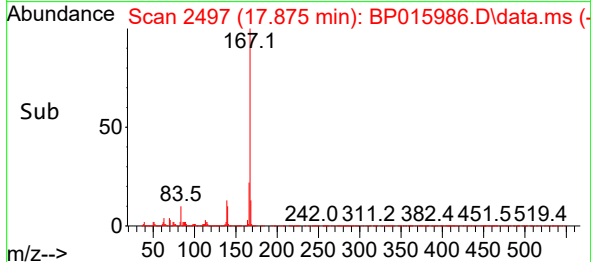
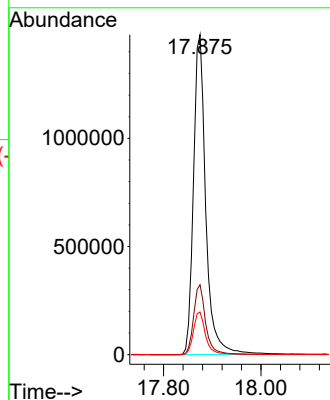
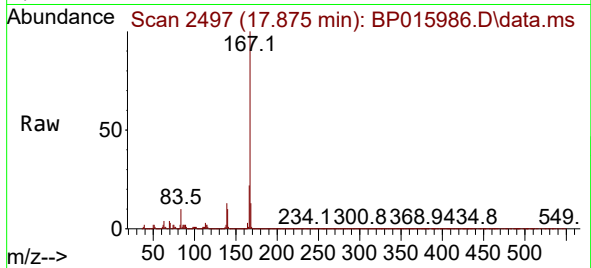
Tgt Ion:167 Resp: 2607934

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 13.3 11.0 16.4



#78

Di-n-butylphthalate

Concen: 41.807 ng/ul

RT: 18.381 min Scan# 2583

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

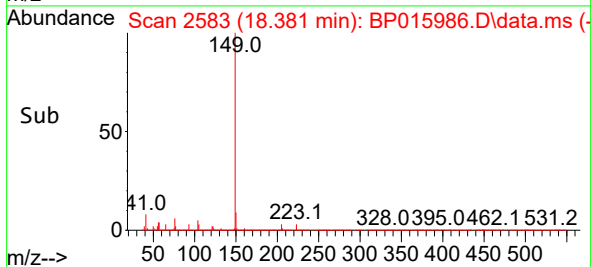
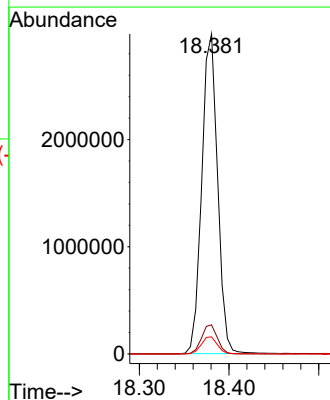
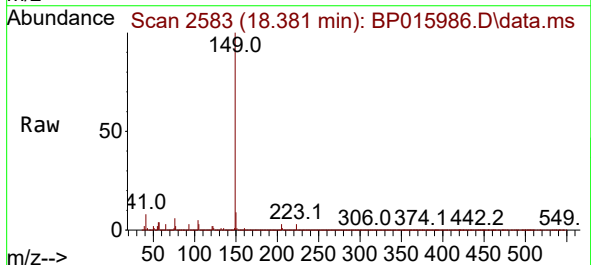
Tgt Ion:149 Resp: 3649318

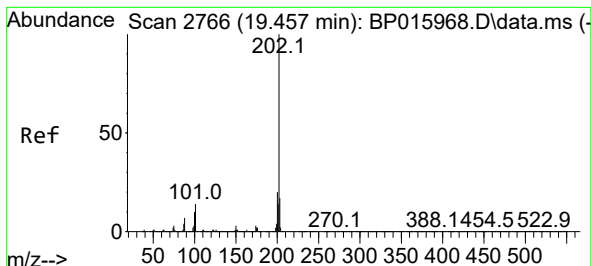
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 5.4 4.6 7.0





#80

Fluoranthene

Concen: 40.113 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

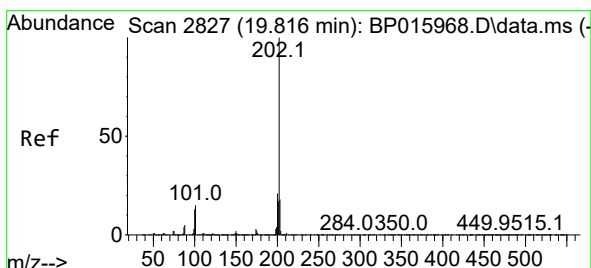
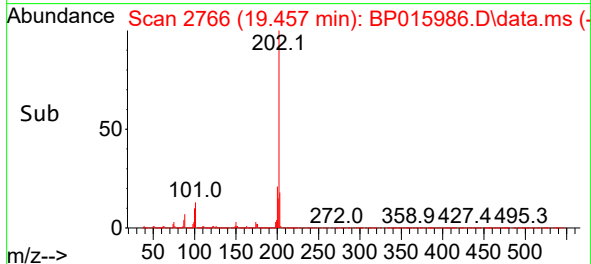
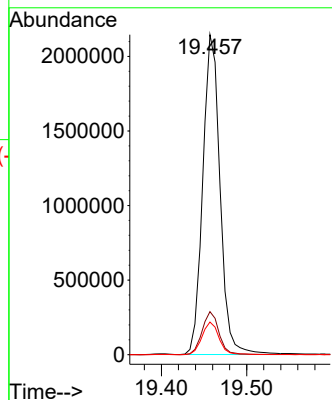
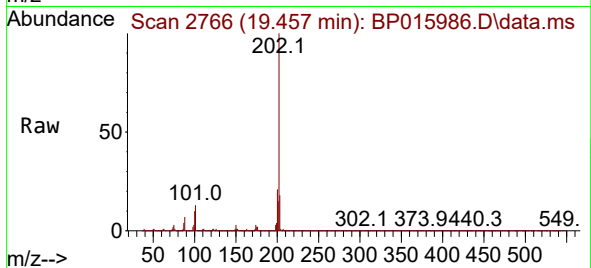
Tgt Ion:202 Resp: 3025938

Ion Ratio Lower Upper

202 100

101 13.4 8.3 12.5#

100 10.2 6.6 9.8#



#82

Pyrene

Concen: 39.443 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

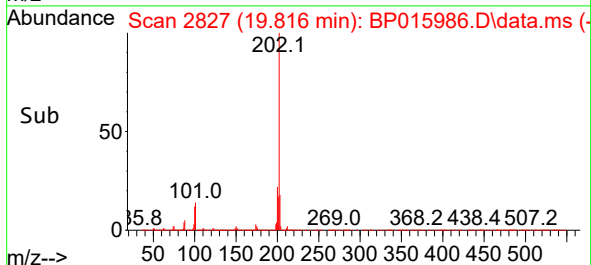
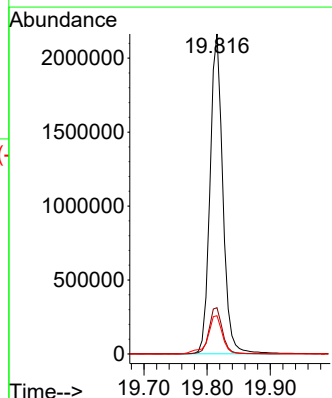
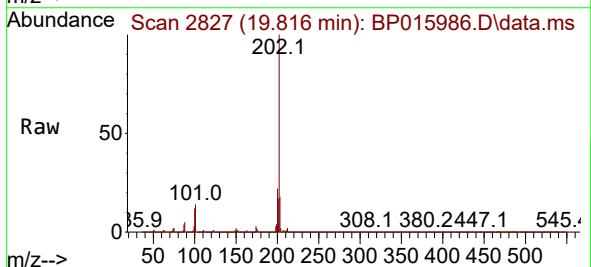
Tgt Ion:202 Resp: 3035177

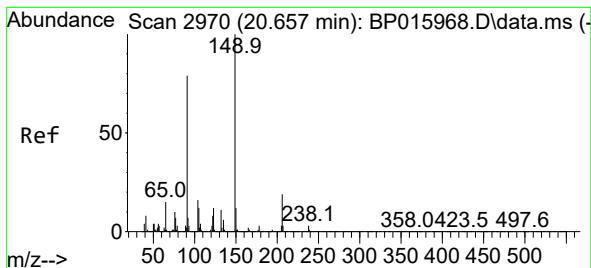
Ion Ratio Lower Upper

202 100

101 14.4 9.3 13.9#

100 11.9 7.6 11.4#





#83

Butylbenzylphthalate

Concen: 47.311 ng/ul

RT: 20.657 min Scan# 2970

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

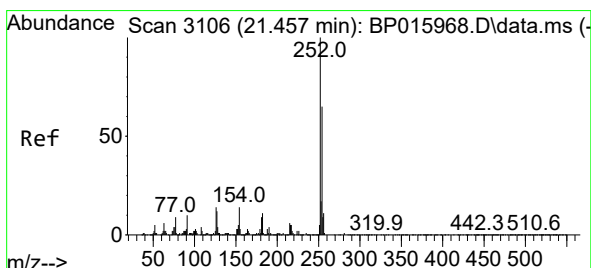
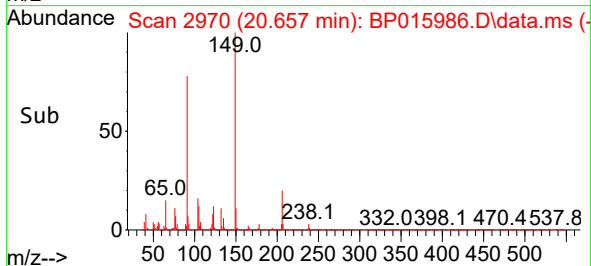
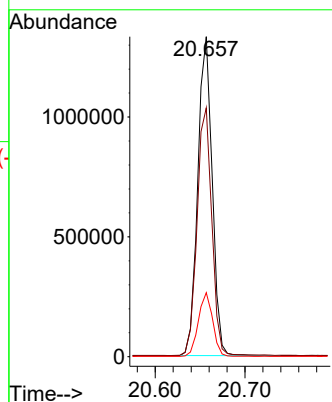
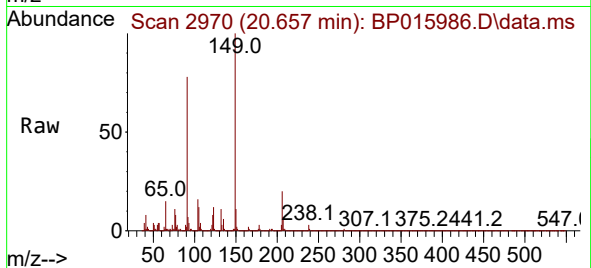
Tgt Ion:149 Resp: 1485270

Ion Ratio Lower Upper

149 100

91 77.7 59.8 89.6

206 20.0 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 39.795 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

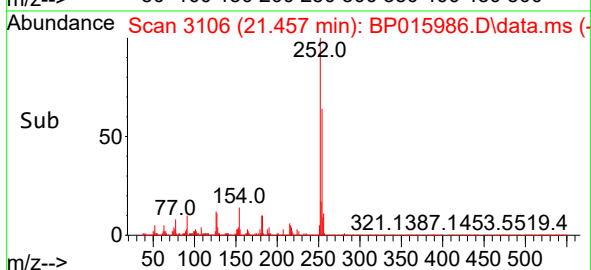
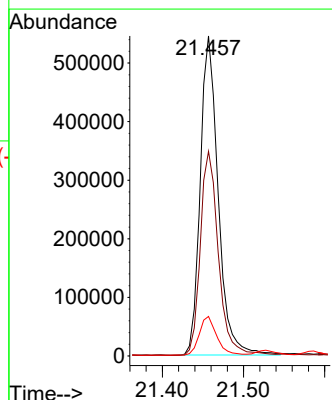
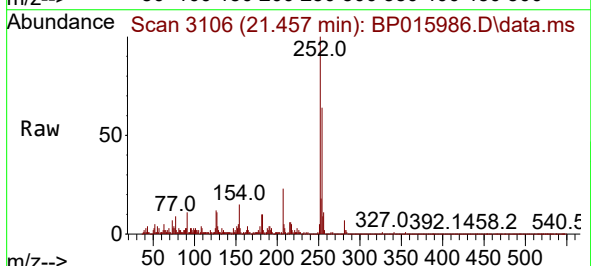
Tgt Ion:252 Resp: 836232

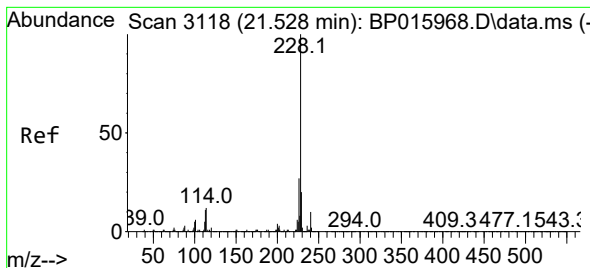
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.6

126 12.3 8.6 13.0





#85

Benzo(a)anthracene

Concen: 38.273 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

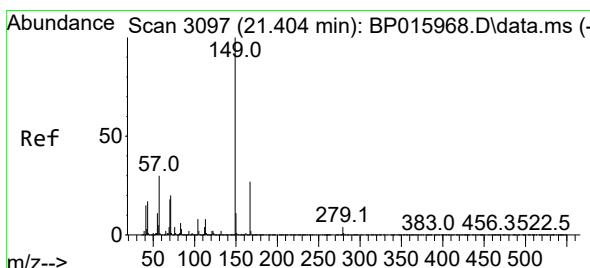
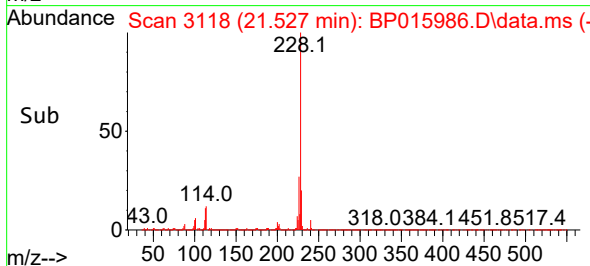
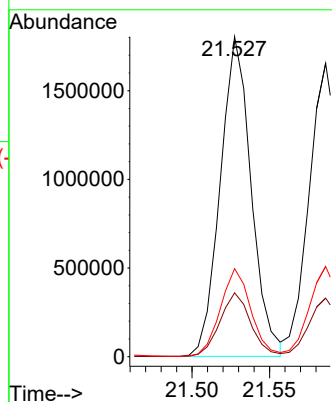
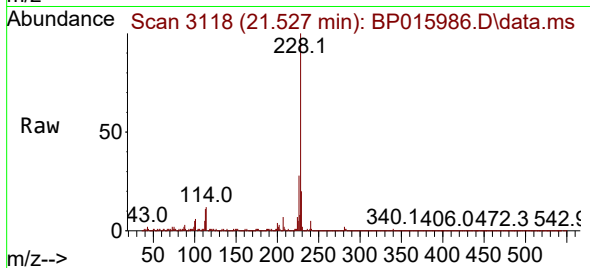
Tgt Ion:228 Resp: 2502676

Ion Ratio Lower Upper

228 100

229 19.9 15.3 22.9

226 27.5 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 48.688 ng/ul

RT: 21.404 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

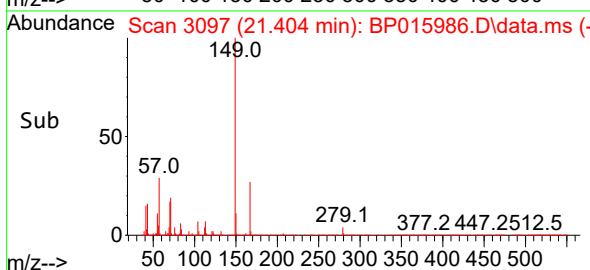
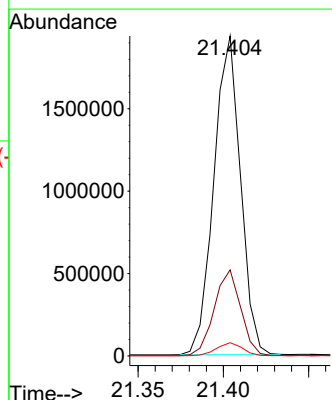
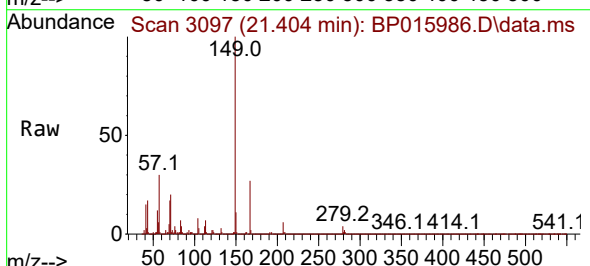
Tgt Ion:149 Resp: 2100601

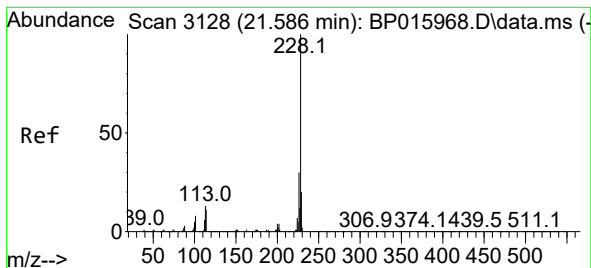
Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.6

279 4.1 3.8 5.6





#87

Chrysene

Concen: 38.470 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

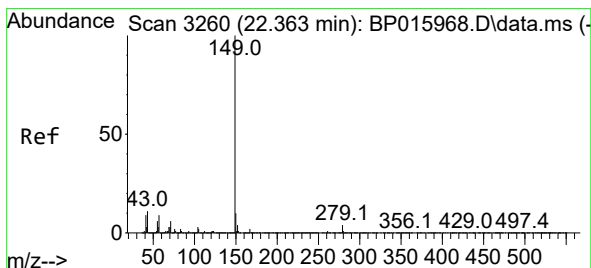
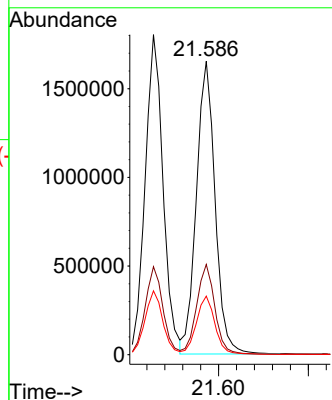
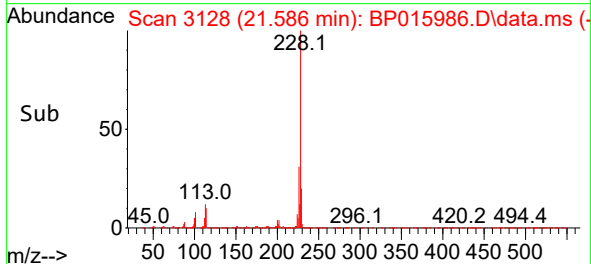
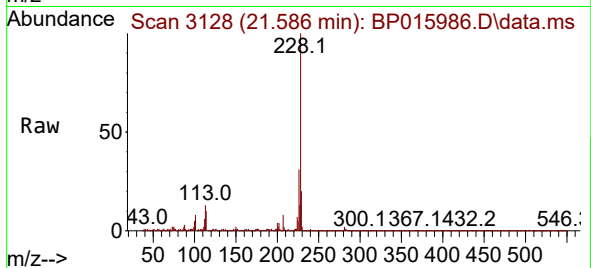
Tgt Ion:228 Resp: 2386665

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.0 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 46.631 ng/ul

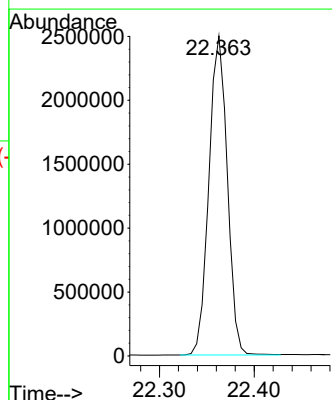
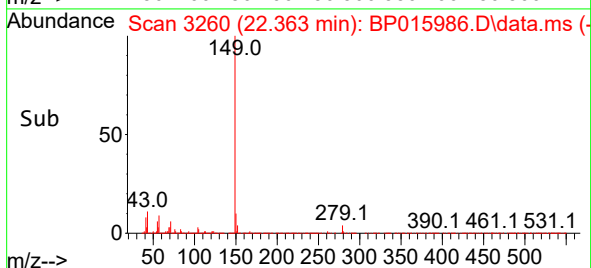
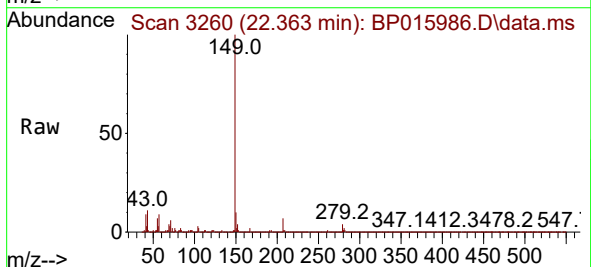
RT: 22.363 min Scan# 3260

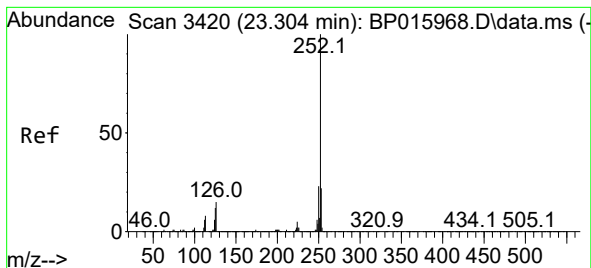
Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Tgt Ion:149 Resp: 3363160





#90

Benzo(b)fluoranthene

Concen: 38.631 ng/ul

RT: 23.304 min Scan# 3420

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

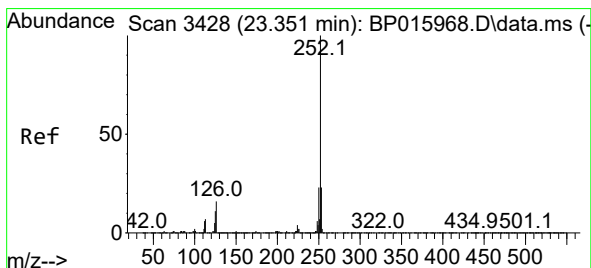
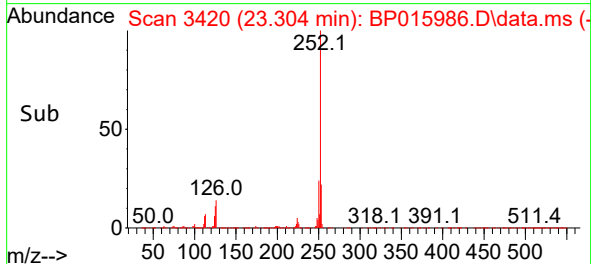
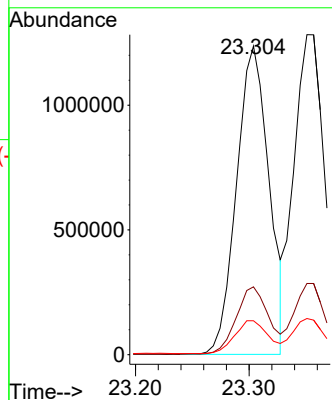
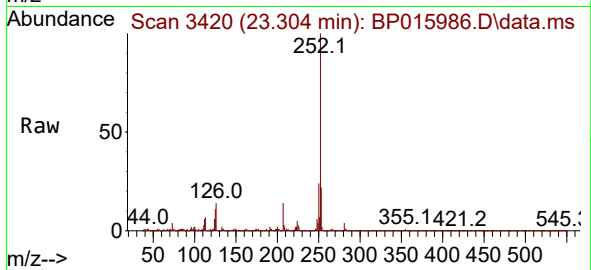
Tgt Ion:252 Resp: 2449619

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.0 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 38.807 ng/ul

RT: 23.351 min Scan# 3428

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

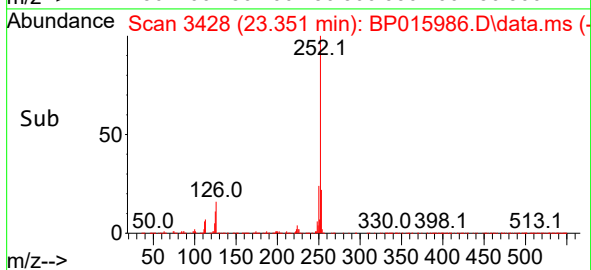
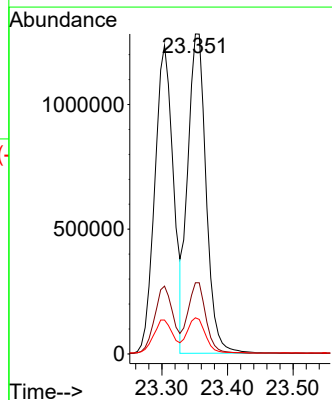
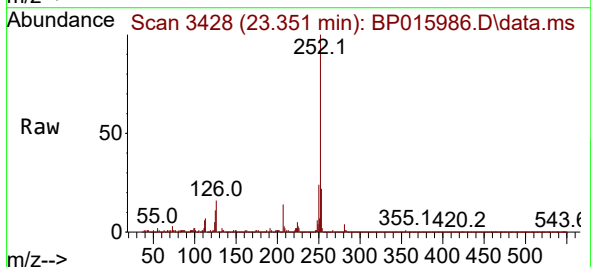
Tgt Ion:252 Resp: 2486290

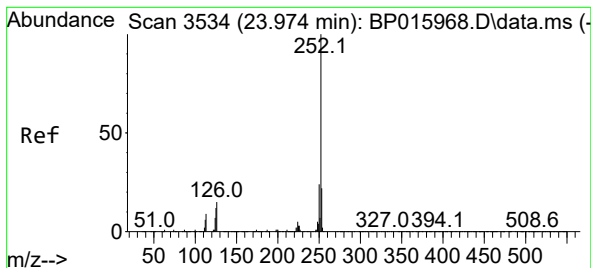
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 11.3 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 39.385 ng/ul

RT: 23.980 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

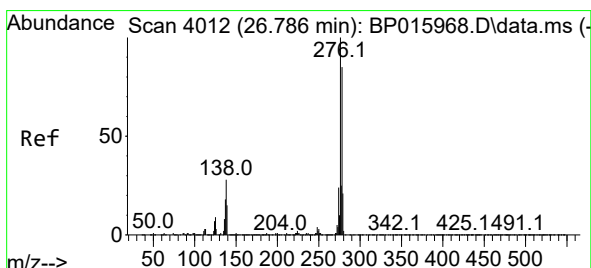
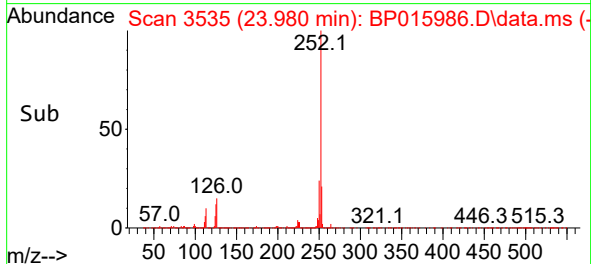
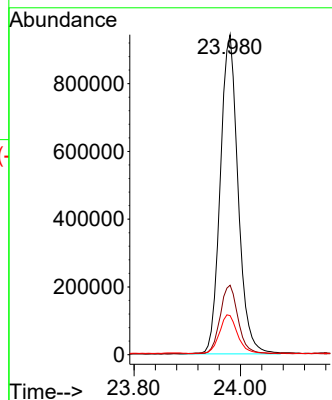
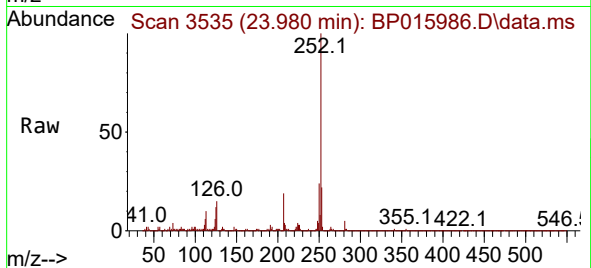
Tgt Ion:252 Resp: 2182248

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 12.2 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.259 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. 0.000 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

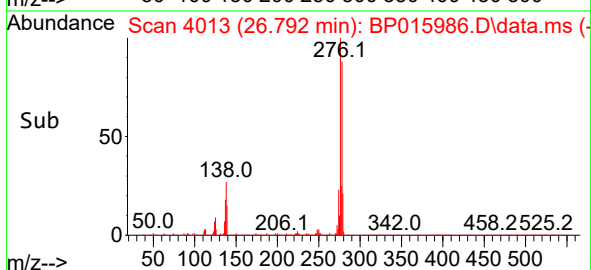
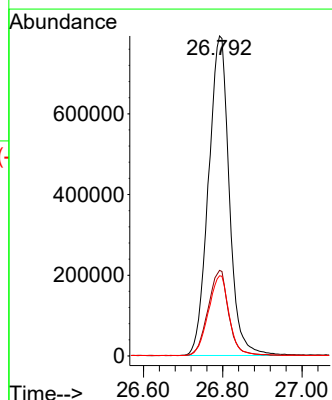
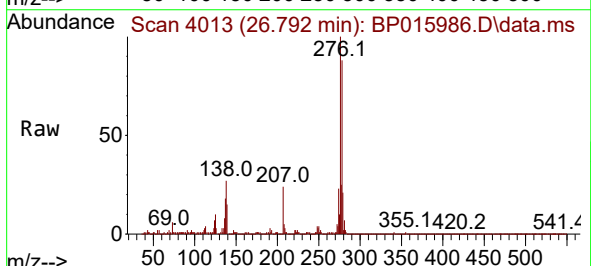
Tgt Ion:276 Resp: 2877778

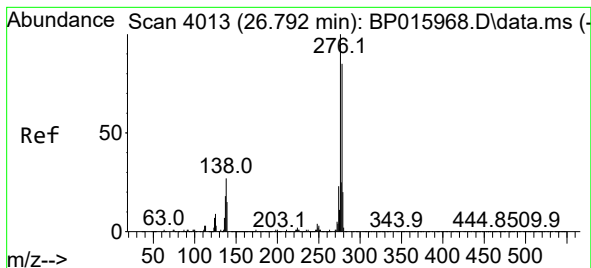
Ion Ratio Lower Upper

276 100

138 26.7 15.7 23.5#

277 25.1 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 38.347 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Instrument :

BNA_P

ClientSampleId :

SLCS764

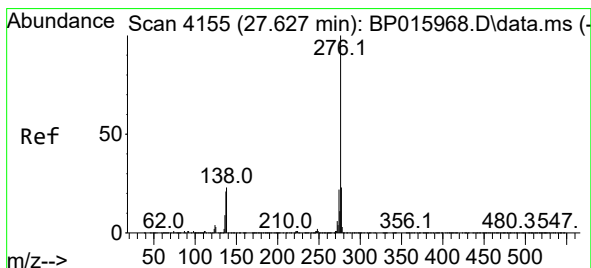
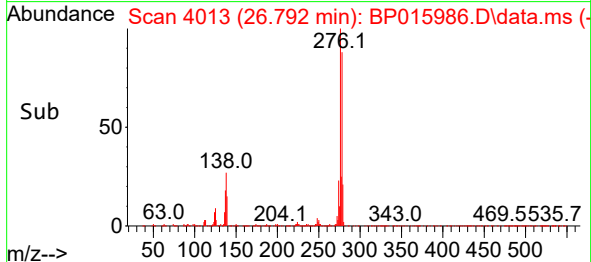
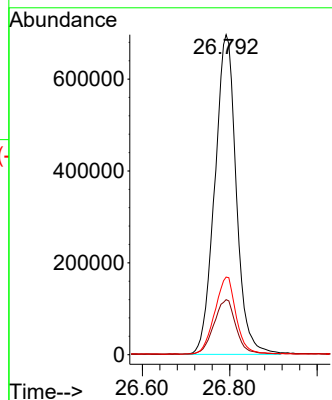
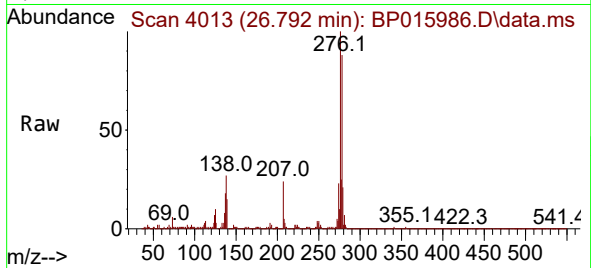
Tgt Ion:278 Resp: 2369138

Ion Ratio Lower Upper

278 100

139 17.2 10.5 15.7#

279 24.3 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 38.194 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. 0.006 min

Lab File: BP015986.D

Acq: 04 Jul 2023 20:48

Tgt Ion:276 Resp: 2363411

Ion Ratio Lower Upper

276 100

138 22.9 15.1 22.7#

277 23.5 18.8 28.2

