

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
 Data File : BP018955.D
 Acq On : 20 Dec 2023 11:44
 Operator : MA/JU
 Sample : PB157838BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS838

Quant Time: Dec 20 21:46:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 05:28:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	144887	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	538550	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	326186	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	729520	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	795718	20.000	ng/u1	-0.01
88) Perylene-d12	23.669	264	976414	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	19610	4.612	ng/uL	0.00
4) Pyridine-d5	3.670	84	268640	23.589	ng/u1	-0.01
7) Phenol-d5	7.005	99	336160	23.120	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.164	67	191181	22.185	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	270043	23.802	ng/u1	-0.01
15) 4-Methylphenol-d8	8.546	113	254646	21.641	ng/u1	-0.01
21) Nitrobenzene-d5	8.987	128	126877	26.470	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.710	143	142370	28.649	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	270912	26.660	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.763	131	327491	24.660	ng/u1	-0.01
46) Dimethylphthalate-d6	13.881	166	735570	25.267	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	855541	26.688	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.675	143	135100	28.271	ng/u1	-0.01
60) Fluorene-d10	15.457	176	640989	26.230	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	135974	31.085	ng/u1	-0.01
73) Anthracene-d10	17.310	188	1015884	26.488	ng/u1	0.00
81) Pyrene-d10	19.551	212	1302048	21.021	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	1556766	27.344	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	41085	8.812	ng/uL	94
5) Pyridine	3.687	79	283779	24.675	ng/u1	98
6) Benzaldehyde	6.969	77	169080	22.523	ng/u1	95
8) Phenol	7.028	94	355278	24.916	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.258	93	278414	23.775	ng/u1	100
12) 2-Chlorophenol	7.387	128	287628	25.049	ng/u1	98
13) 2-Methylphenol	8.281	108	261755	23.978	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	317552	21.372	ng/u1	98
16) Acetophenone	8.652	105	418659	23.874	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.640	70	196881	20.408	ng/u1	96
18) 4-Methylphenol	8.610	108	279030	23.408	ng/u1	98
19) Hexachloroethane	8.899	117	120156	25.525	ng/u1	84
22) Nitrobenzene	9.034	77	310445	26.639	ng/u1	96
23) Isophorone	9.557	82	563347	23.708	ng/u1	98
25) 2-Nitrophenol	9.740	139	157589	29.617	ng/u1	98
26) 2,4-Dimethylphenol	9.805	107	223189	21.447	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.040	93	354272	23.616	ng/u1	100
29) 2,4-Dichlorophenol	10.275	162	278202	28.423	ng/u1	97
30) Naphthalene	10.669	128	881379	26.978	ng/u1	99
32) 4-Chloroaniline	10.787	127	270347	21.359	ng/u1	99
33) Hexachlorobutadiene	10.952	225	211804	32.311	ng/u1	99
34) Caprolactam	11.569	113	81825	27.264	ng/u1	87
35) 4-Chloro-3-methylphenol	11.922	107	266823	24.334	ng/u1	96
36) 2-Methylnaphthalene	12.281	142	583362	25.205	ng/u1	98

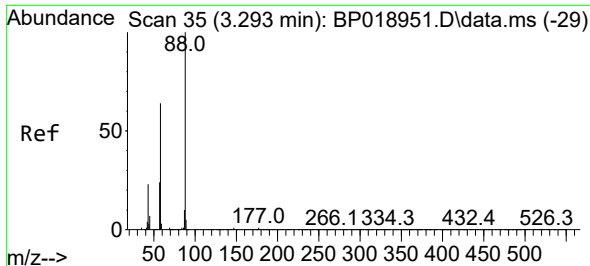
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	573421	24.533	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	369745	31.243	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	155903	22.226	ng/ul	99
41) 2,4,6-Trichlorophenol	12.898	196	220380	28.948	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	240281	29.113	ng/ul	99
43) 1,1'-Biphenyl	13.298	154	775561	27.492	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	629825	28.267	ng/ul	98
45) 2-Nitroaniline	13.551	65	159640	26.430	ng/ul	94
47) Dimethylphthalate	13.928	163	774948	27.042	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	156544	28.914	ng/ul	93
50) Acenaphthylene	14.181	152	998349	27.700	ng/ul	100
51) 3-Nitroaniline	14.375	138	154126	28.517	ng/ul	99
52) Acenaphthene	14.528	153	652735	27.391	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	87636	30.541	ng/ul	94
55) 4-Nitrophenol	14.693	109	114735	31.780	ng/ul	92
56) Dibenzofuran	14.857	168	931054	28.111	ng/ul	100
57) 2,4-Dinitrotoluene	14.834	165	230050	30.207	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	204463	29.533	ng/ul#	90
59) Diethylphthalate	15.287	149	749788	26.738	ng/ul	100
61) Fluorene	15.510	166	754816	28.801	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	406761	29.593	ng/ul	95
63) 4-Nitroaniline	15.540	138	169560	32.932	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.598	198	150625	32.208	ng/ul	91
67) N-Nitrosodiphenylamine	15.722	169	638484	26.412	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	264924	28.765	ng/ul	94
69) Hexachlorobenzene	16.510	284	313670	30.504	ng/ul	97
70) Atrazine	16.681	200	149953	20.864	ng/ul	98
71) Pentachlorophenol	16.863	266	180607	29.533	ng/ul	97
72) Phenanthrene	17.257	178	1246964	28.302	ng/ul	99
74) Anthracene	17.345	178	1240431	28.087	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	364729	28.914	ng/uL	98
76) Pentachlorobenzene	14.781	250	362289	29.239	ng/uL	99
77) Carbazole	17.622	167	1140660	32.406	ng/ul	98
78) Di-n-butylphthalate	18.175	149	1282664	27.367	ng/ul	100
80) Fluoranthene	19.228	202	1570054	21.444	ng/ul#	95
82) Pyrene	19.580	202	1650462	22.345	ng/ul#	93
83) Butylbenzylphthalate	20.457	149	622003	23.003	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.227	252	623254	32.232	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1812795	28.067	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	895988	24.108	ng/ul#	99
87) Chrysene	21.339	228	1682765	28.292	ng/ul	99
89) Di-n-octyl phthalate	22.122	149	1607371	22.547	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1932360	26.841	ng/ul	98
91) Benzo(k)fluoranthene	22.992	252	1912713	27.459	ng/ul	98
93) Benzo(a)pyrene	23.563	252	1860603	28.285	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.127	276	2424699	30.851	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.145	278	2009877	30.741	ng/ul#	96
96) Benzo(g,h,i)perylene	26.886	276	1971187	31.164	ng/ul#	94

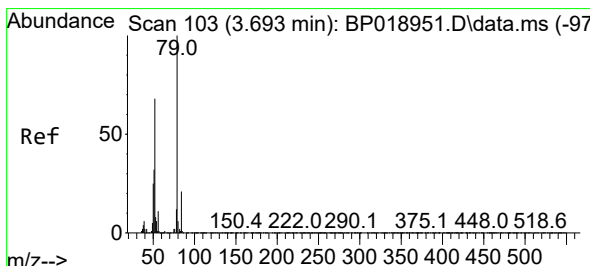
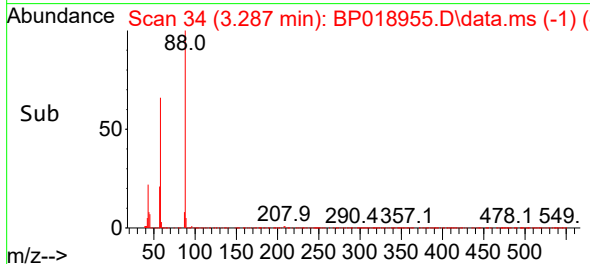
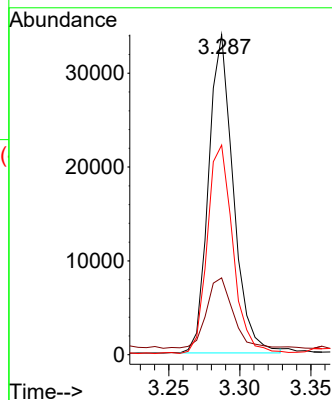
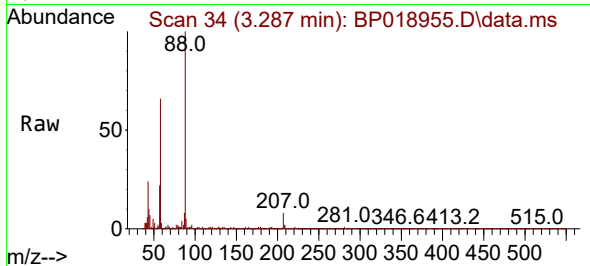
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#2
1,4-Dioxane
Concen: 8.812 ng/uL
RT: 3.287 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP018955.D
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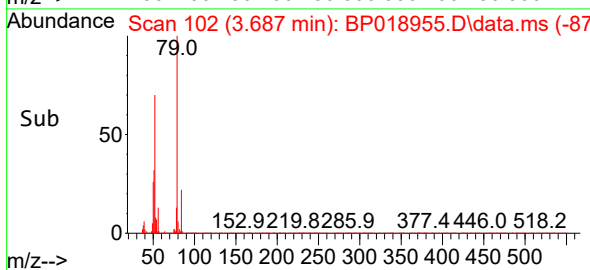
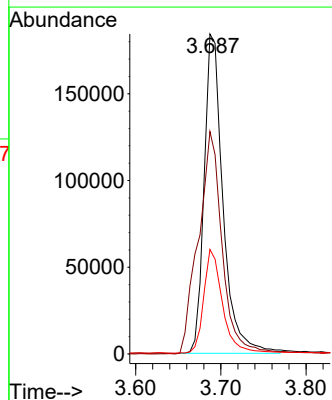
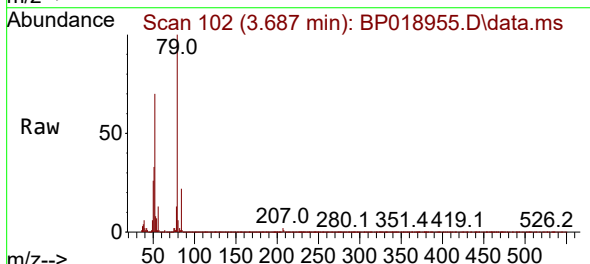
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ClientSampleId :
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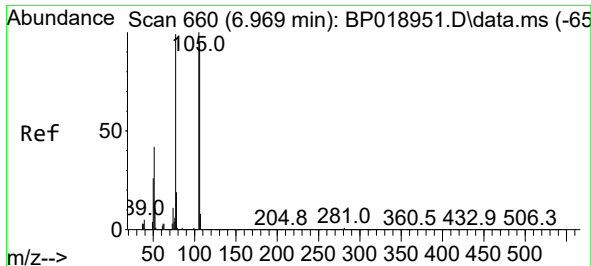
Tgt Ion: 88 Resp: 41085
Ion Ratio Lower Upper
88 100
43 24.0 21.8 32.6
58 65.5 56.5 84.7



#5
Pyridine
Concen: 24.675 ng/uL
RT: 3.687 min Scan# 102
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion: 79 Resp: 283779
Ion Ratio Lower Upper
79 100
52 69.5 57.4 86.0
51 32.7 26.2 39.4

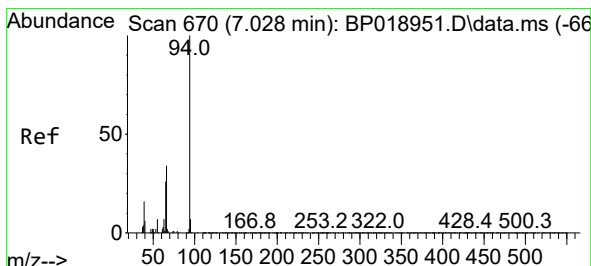
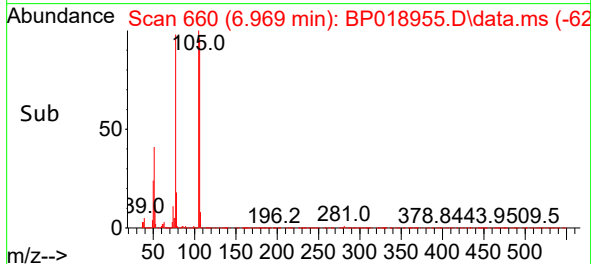
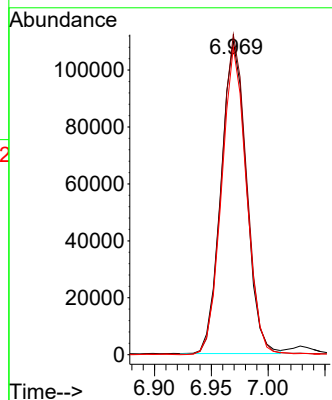
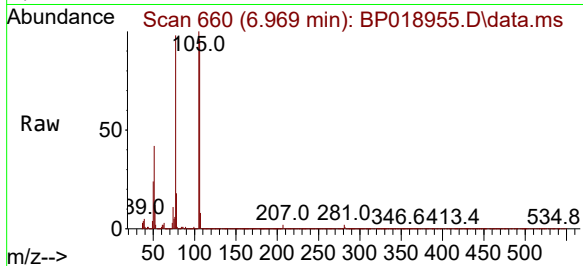




#6
Benzaldehyde
Concen: 22.523 ng/ul
RT: 6.969 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

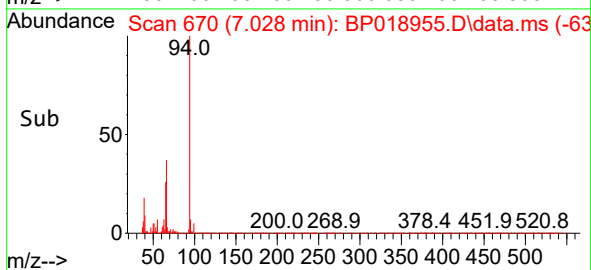
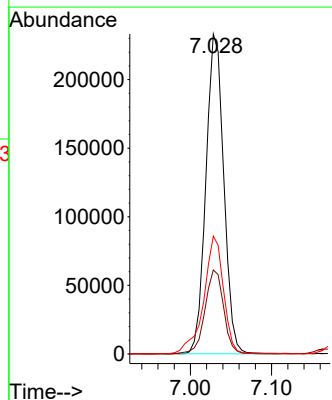
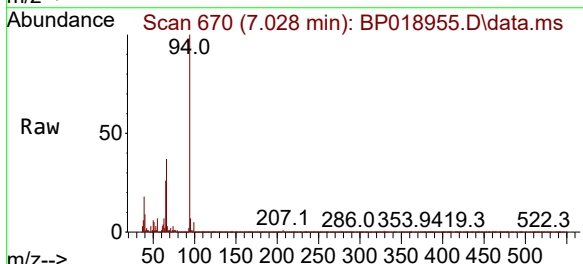
Instrument :
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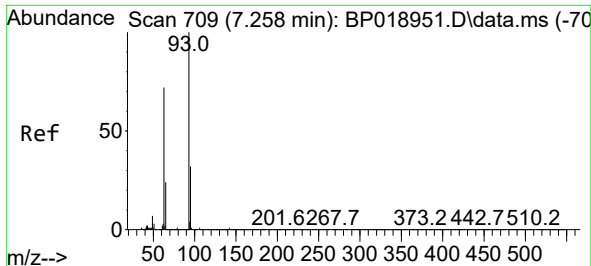
Tgt Ion: 77 Resp: 169080
Ion Ratio Lower Upper
77 100
105 102.2 77.9 116.9
106 98.2 74.6 111.8



#8
Phenol
Concen: 24.916 ng/ul
RT: 7.028 min Scan# 670
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion: 94 Resp: 355278
Ion Ratio Lower Upper
94 100
65 26.3 21.0 31.6
66 36.8 28.6 43.0

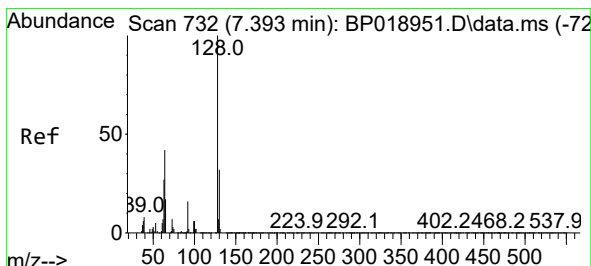
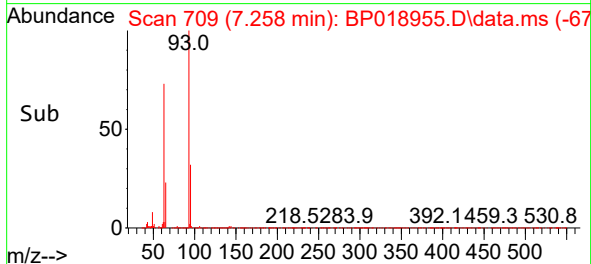
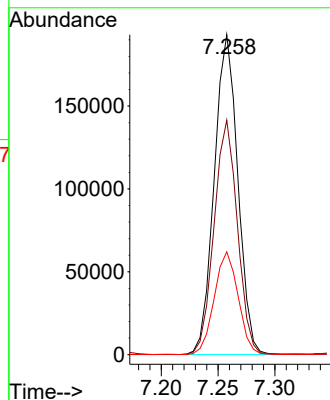
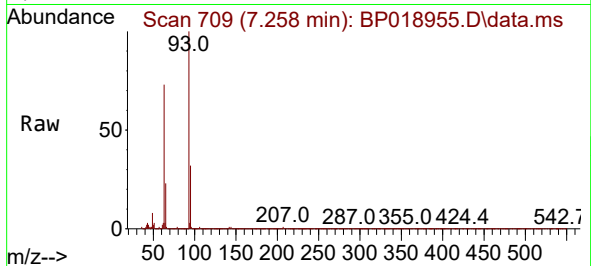




#10
Bis(2-Chloroethyl)ether
Concen: 23.775 ng/ul
RT: 7.258 min Scan# 709
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

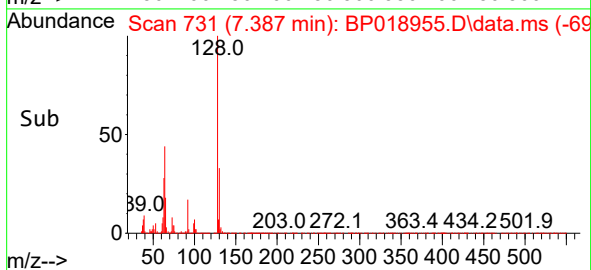
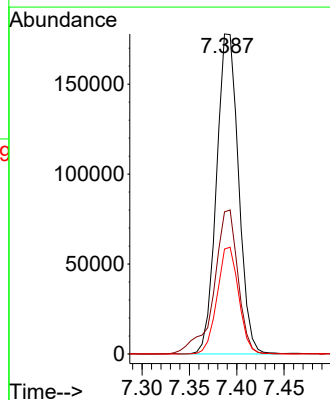
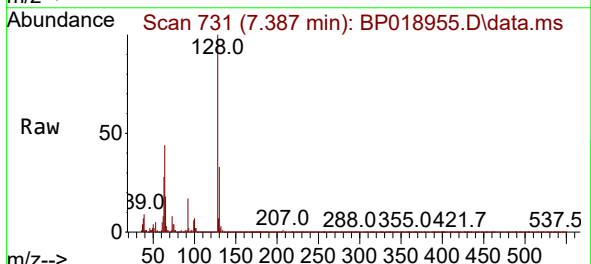
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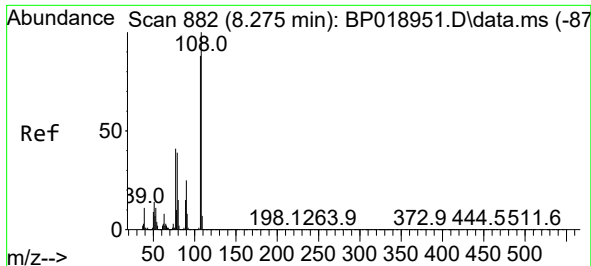
Tgt Ion: 93 Resp: 278414
Ion Ratio Lower Upper
93 100
63 73.3 58.3 87.5
95 32.1 25.9 38.9



#12
2-Chlorophenol
Concen: 25.049 ng/ul
RT: 7.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:128 Resp: 287628
Ion Ratio Lower Upper
128 100
64 44.4 37.0 55.4
130 32.8 26.8 40.2





#13

2-Methylphenol

Concen: 23.978 ng/ul

RT: 8.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

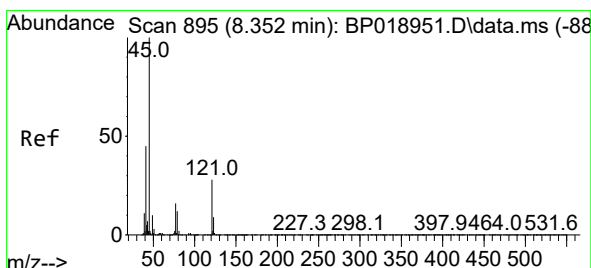
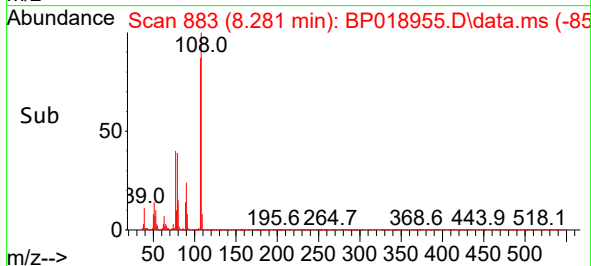
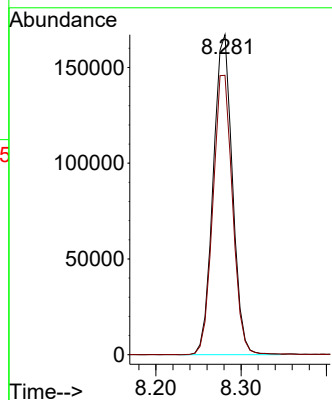
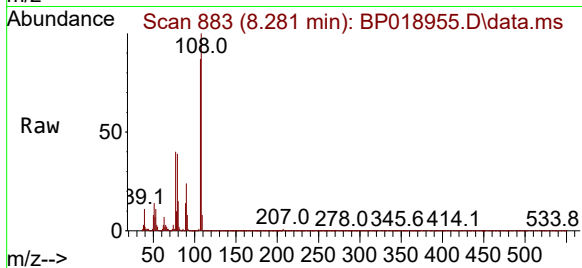
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Tgt Ion:108 Resp: 261755

Ion Ratio Lower Upper

108 100

107 87.3 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.372 ng/ul

RT: 8.352 min Scan# 895

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

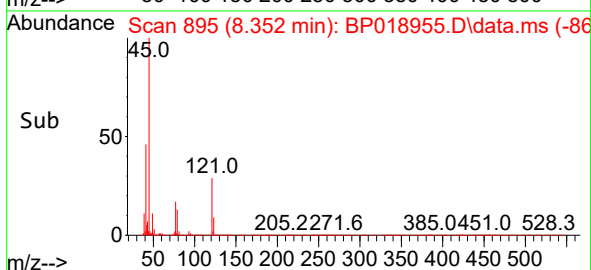
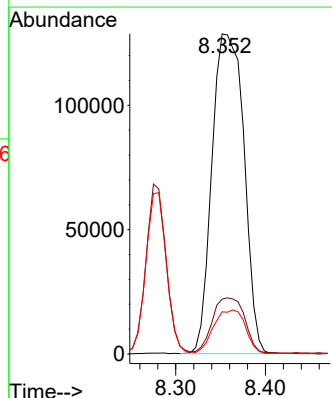
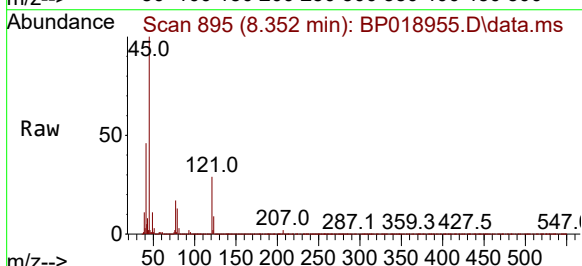
Tgt Ion: 45 Resp: 317552

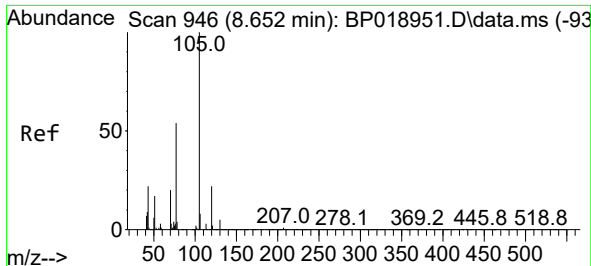
Ion Ratio Lower Upper

45 100

77 17.1 12.7 19.1

79 13.2 10.5 15.7

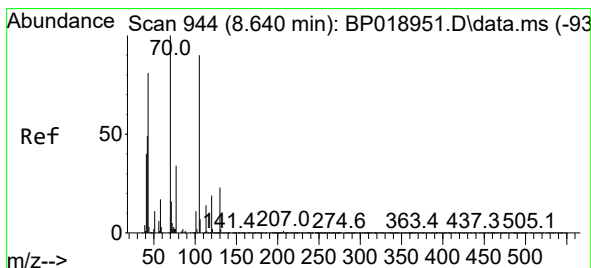
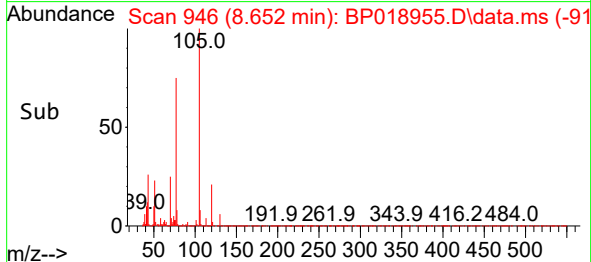
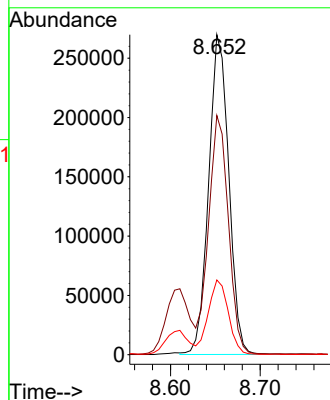
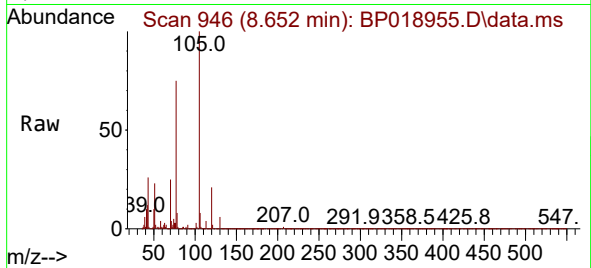




#16
Acetophenone
Concen: 23.874 ng/ul
RT: 8.652 min Scan# 946
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

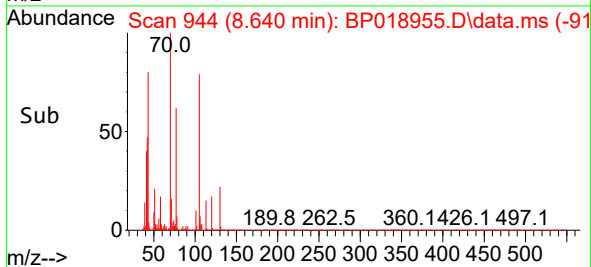
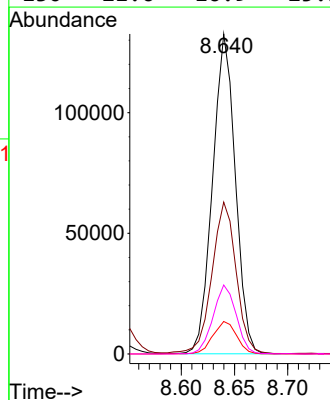
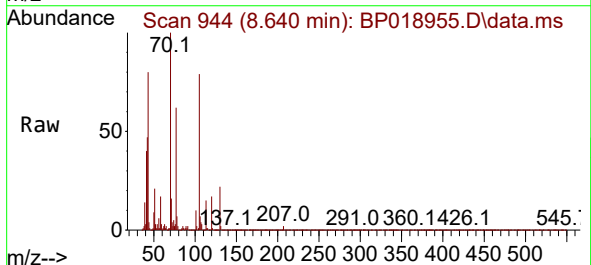
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ClientSampleId :
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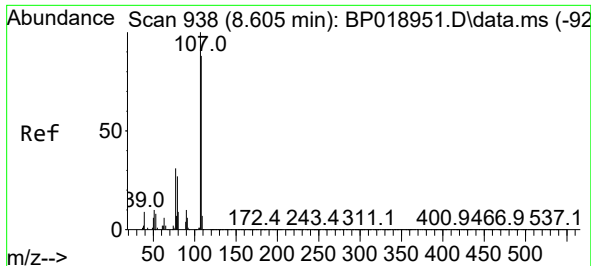
Tgt Ion:105 Resp: 418659
Ion Ratio Lower Upper
105 100
77 74.8 59.4 89.0
51 23.4 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 20.408 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion: 70 Resp: 196881
Ion Ratio Lower Upper
70 100
42 47.4 41.0 61.4
101 10.1 7.8 11.8
130 21.6 16.9 25.3

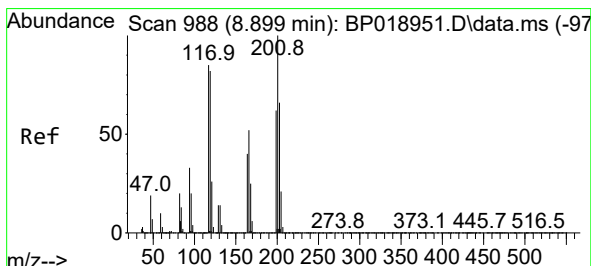
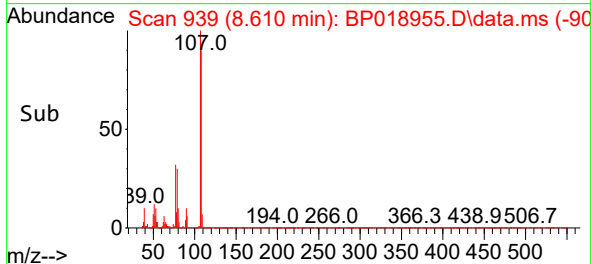
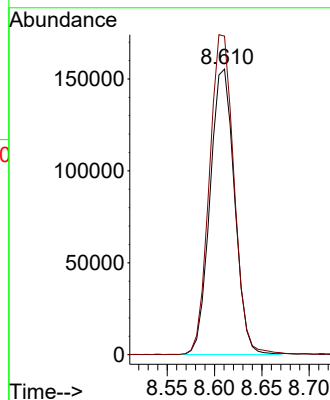
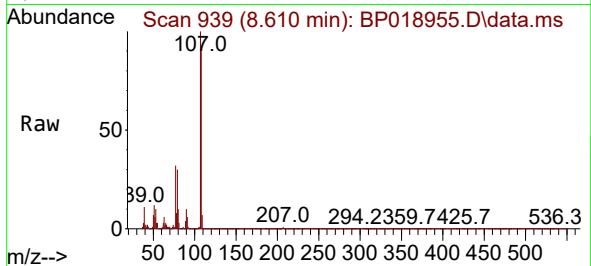




#18
4-Methylphenol
Concen: 23.408 ng/ul
RT: 8.610 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

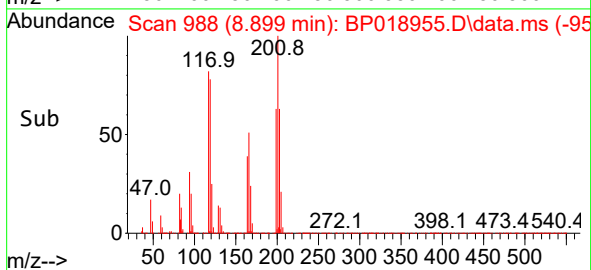
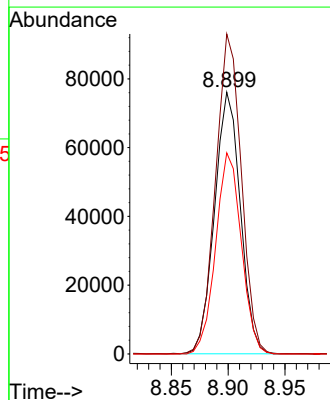
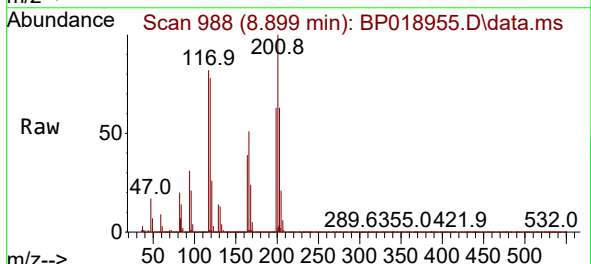
Instrument :
BNA_P
ClientSampleId :
SLCS838

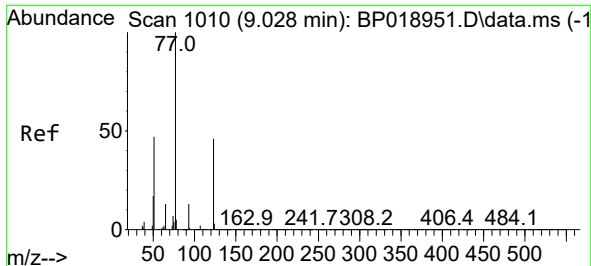
Tgt Ion:108 Resp: 279030
Ion Ratio Lower Upper
108 100
107 111.6 90.6 136.0



#19
Hexachloroethane
Concen: 25.525 ng/ul
RT: 8.899 min Scan# 988
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:117 Resp: 120156
Ion Ratio Lower Upper
117 100
201 122.3 83.7 125.5
199 76.8 52.3 78.5

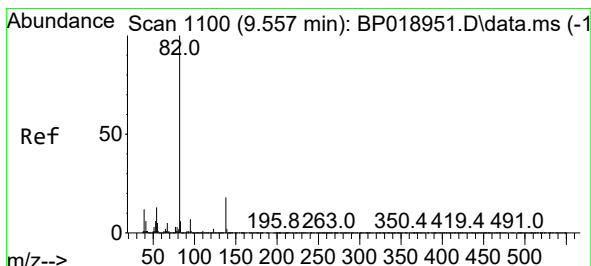
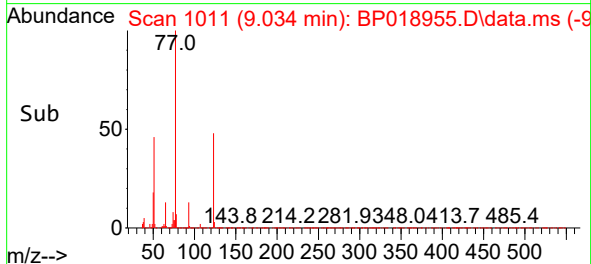
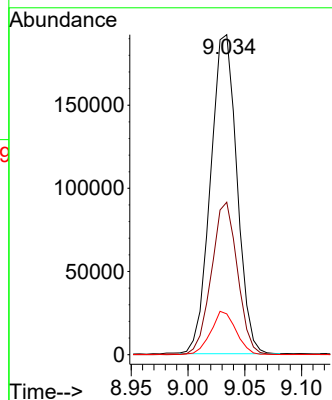
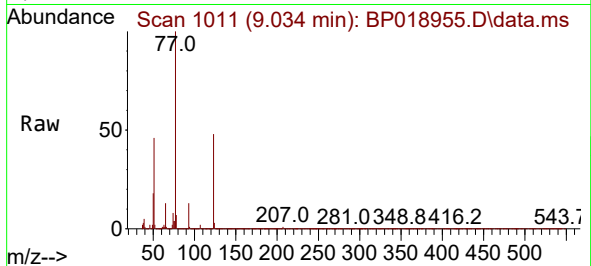




#22
Nitrobenzene
Concen: 26.639 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

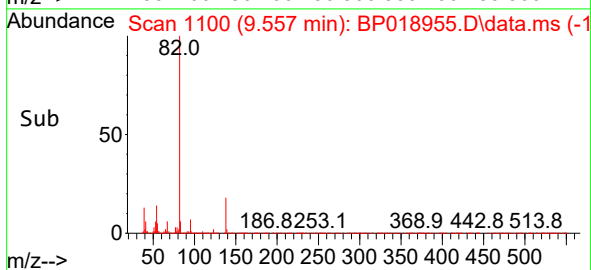
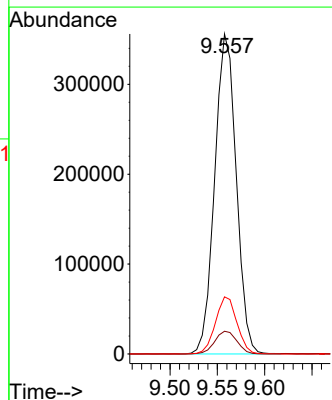
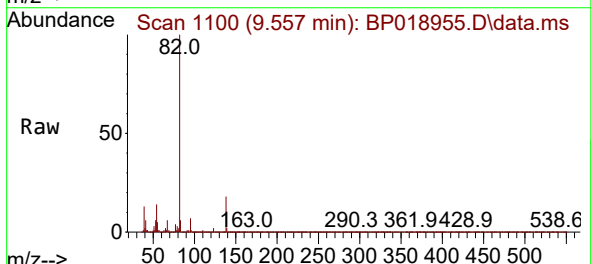
Instrument :
BNA_P
ClientSampleId :
SLCS838

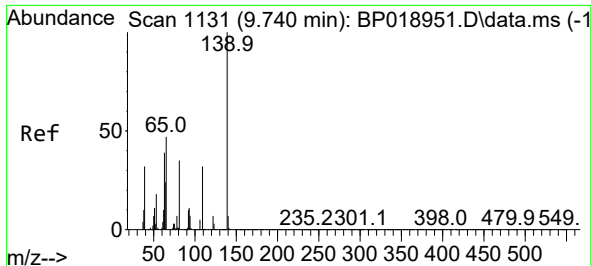
Tgt Ion: 77 Resp: 310445
Ion Ratio Lower Upper
77 100
123 47.6 35.8 53.8
65 12.7 10.5 15.7



#23
Isophorone
Concen: 23.708 ng/ul
RT: 9.557 min Scan# 1100
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion: 82 Resp: 563347
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.8 13.5 20.3

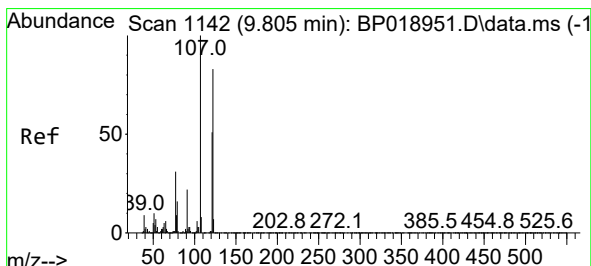
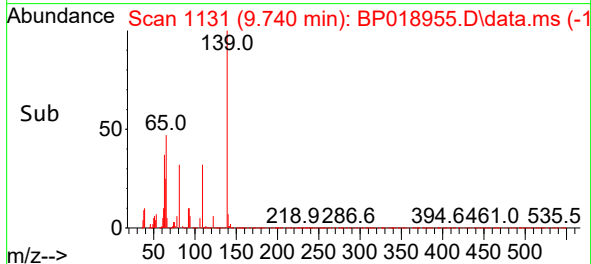
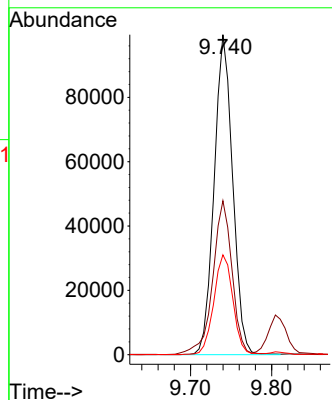
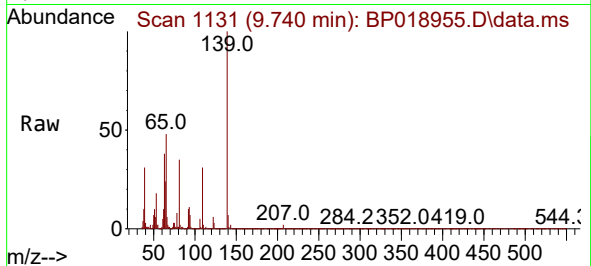




#25
2-Nitrophenol
Concen: 29.617 ng/ul
RT: 9.740 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

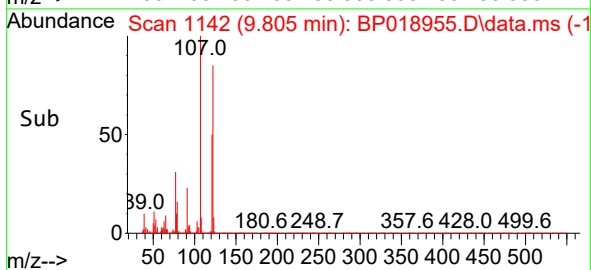
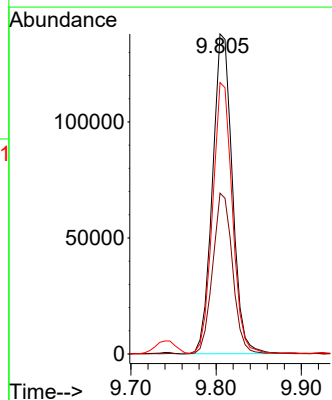
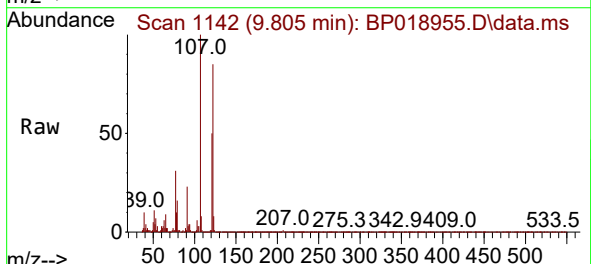
Instrument :
BNA_P
ClientSampleId :
SLCS838

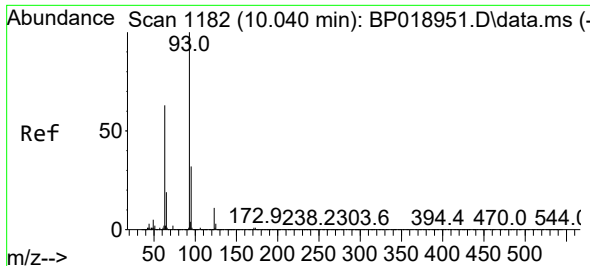
Tgt Ion:139 Resp: 157589
Ion Ratio Lower Upper
139 100
65 48.1 39.1 58.7
109 31.2 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 21.447 ng/ul
RT: 9.805 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:107 Resp: 223189
Ion Ratio Lower Upper
107 100
121 50.2 40.0 60.0
122 84.8 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 23.616 ng/ul

RT: 10.040 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

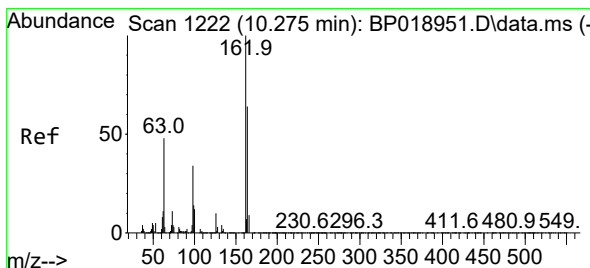
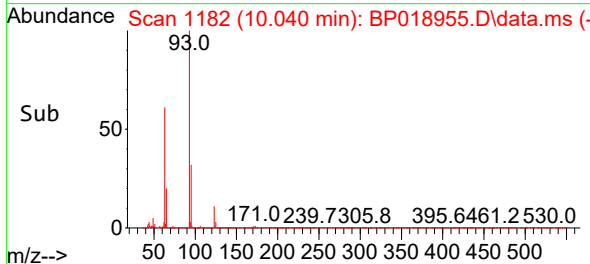
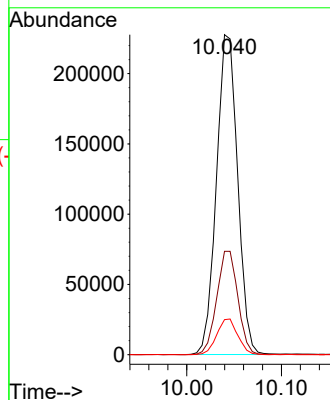
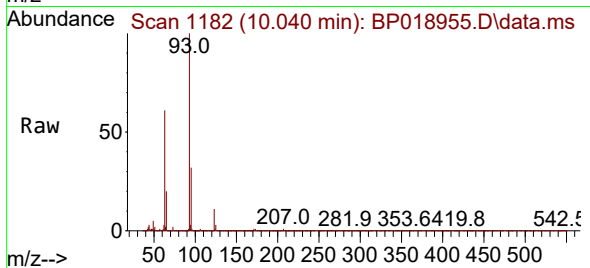
Tgt Ion: 93 Resp: 354272

Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 10.9 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 28.423 ng/ul

RT: 10.275 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

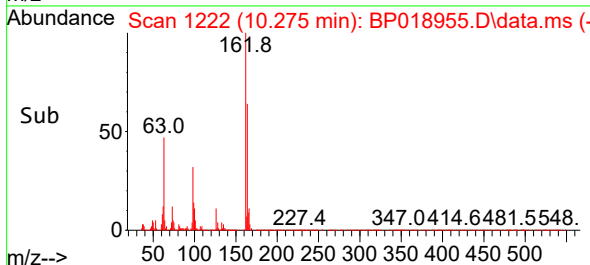
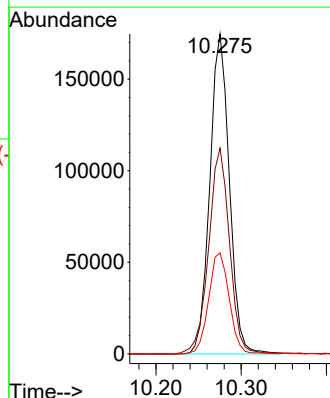
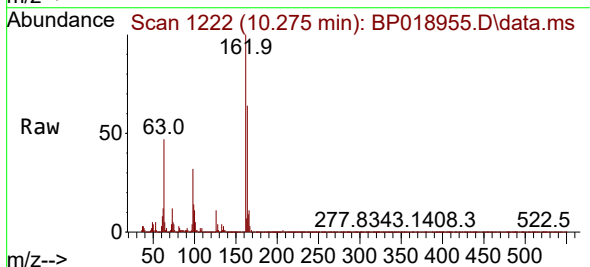
Tgt Ion:162 Resp: 278202

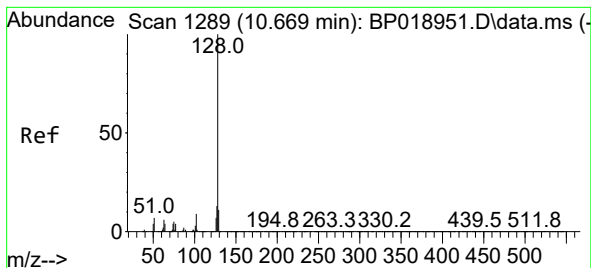
Ion Ratio Lower Upper

162 100

164 64.3 51.7 77.5

98 31.6 29.2 43.8

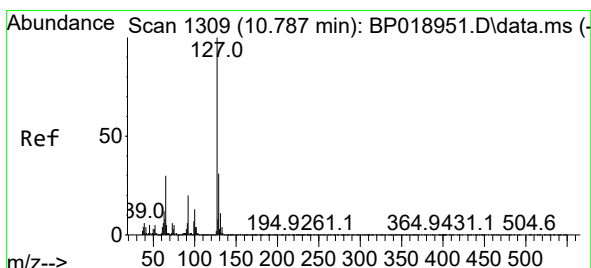
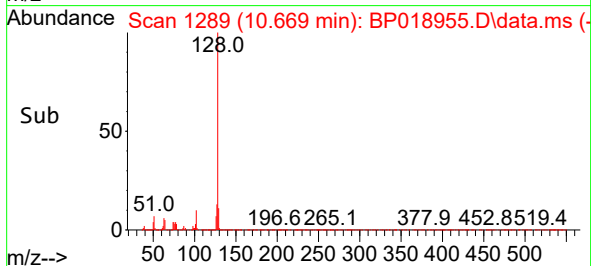
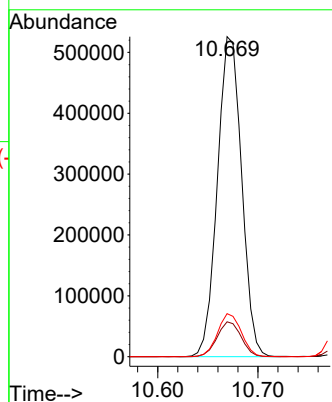
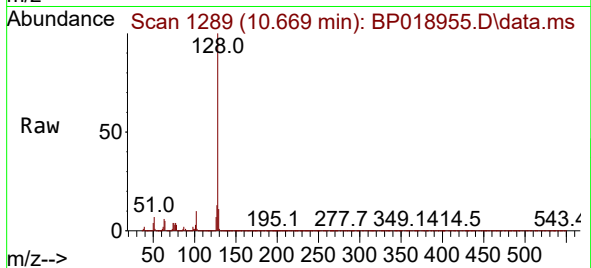




#30
Naphthalene
Concen: 26.978 ng/ul
RT: 10.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

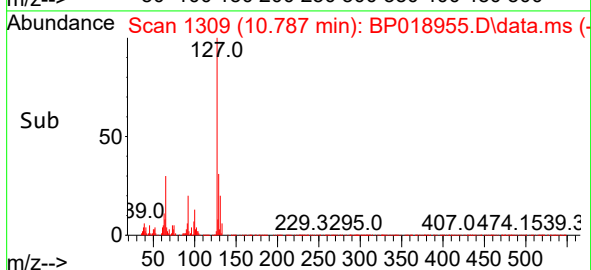
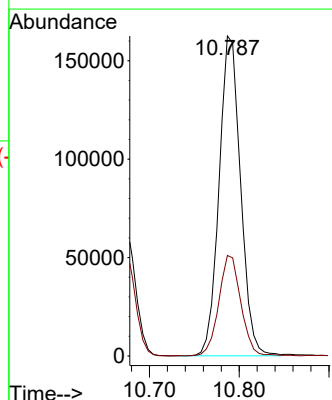
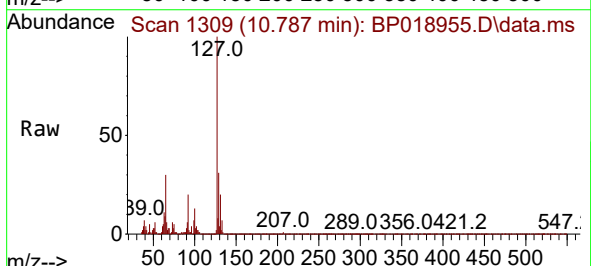
Instrument :
BNA_P
ClientSampleId :
SLCS838

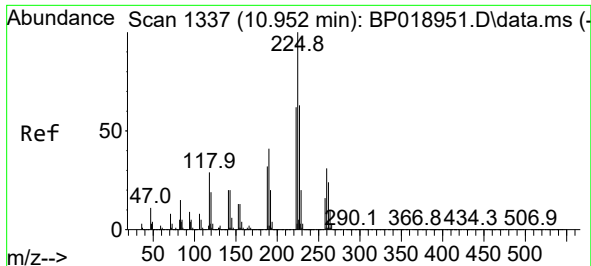
Tgt Ion:128 Resp: 881379
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 10.5 15.7



#32
4-Chloroaniline
Concen: 21.359 ng/ul
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:127 Resp: 270347
Ion Ratio Lower Upper
127 100
129 31.4 25.6 38.4

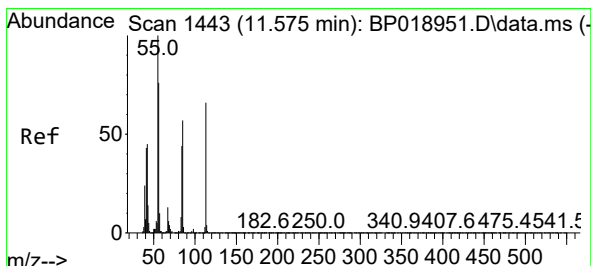
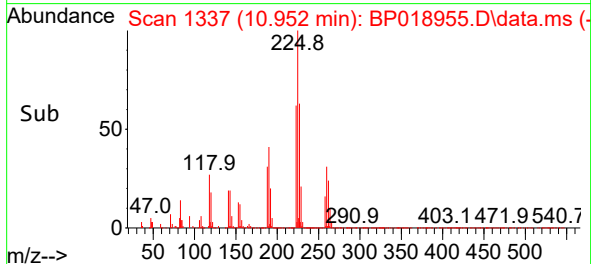
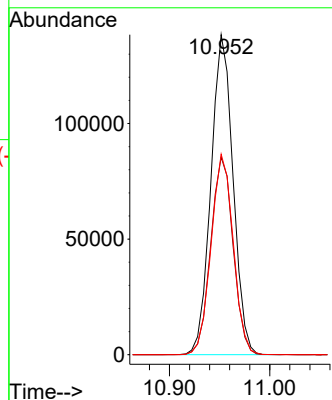
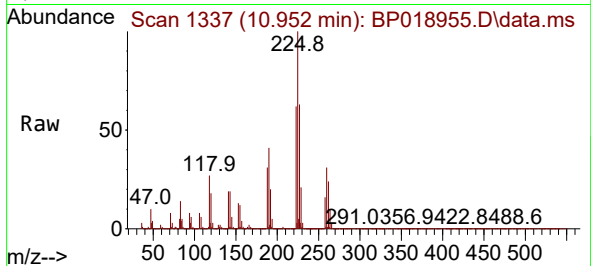




#33
Hexachlorobutadiene
Concen: 32.311 ng/ul
RT: 10.952 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

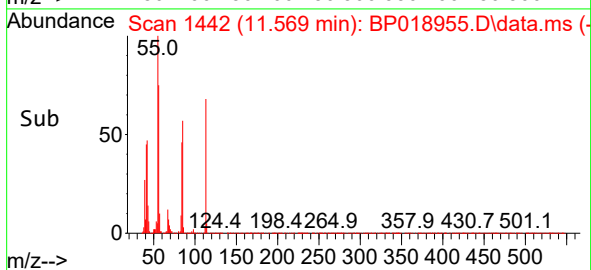
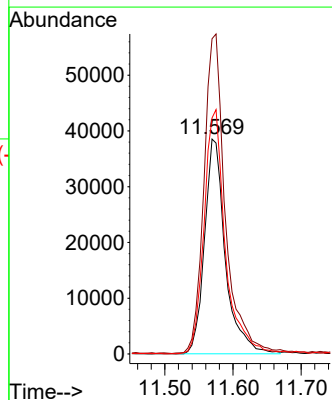
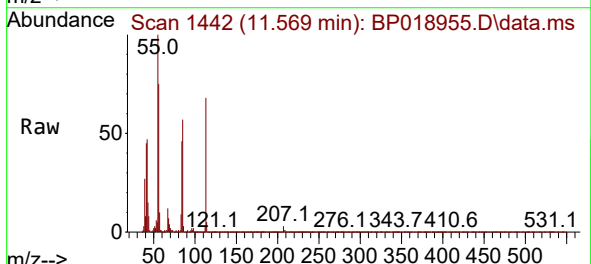
Instrument :
BNA_P
ClientSampleId :
SLCS838

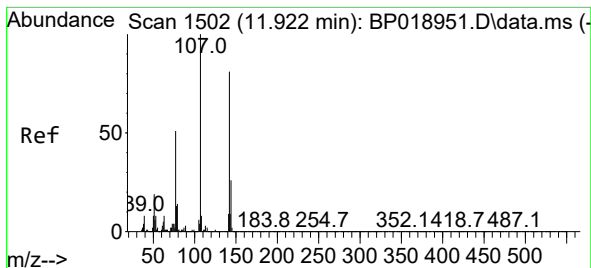
Tgt Ion:225 Resp: 211804
Ion Ratio Lower Upper
225 100
223 61.7 49.5 74.3
227 62.7 50.9 76.3



#34
Caprolactam
Concen: 27.264 ng/ul
RT: 11.569 min Scan# 1442
Delta R.T. -0.017 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:113 Resp: 81825
Ion Ratio Lower Upper
113 100
55 146.7 133.7 200.5
56 109.9 97.4 146.2

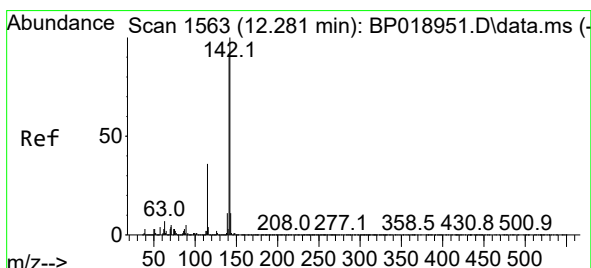
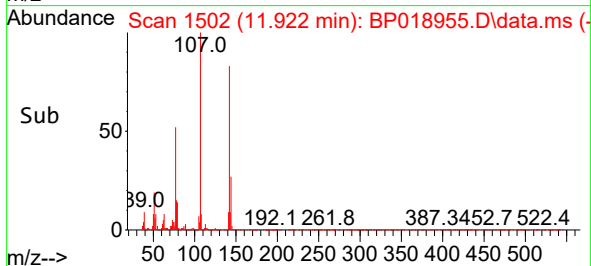
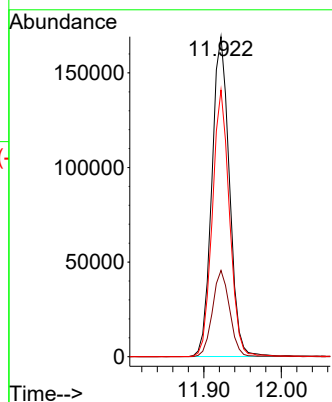
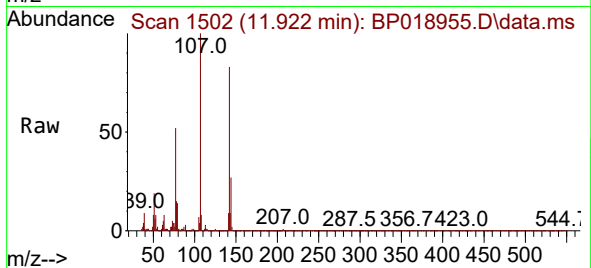




#35
4-Chloro-3-methylphenol
Concen: 24.334 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

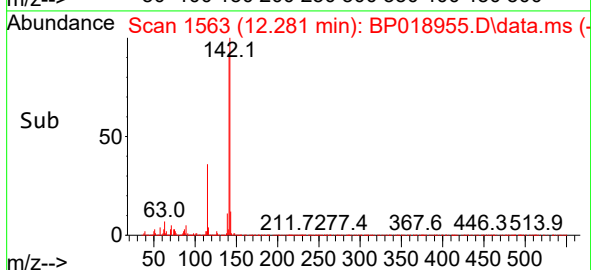
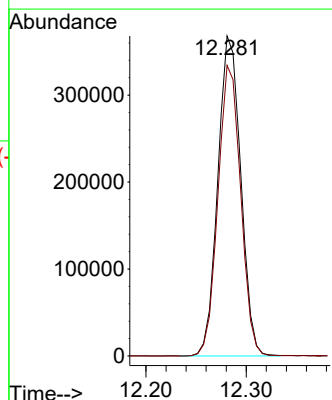
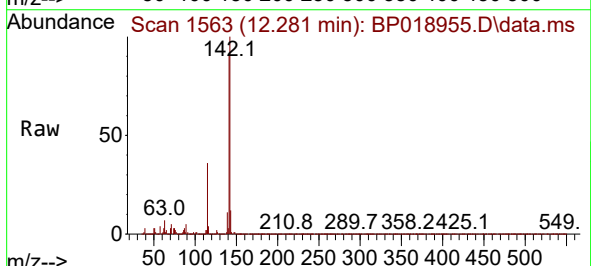
Instrument :
BNA_P
ClientSampleId :
SLCS838

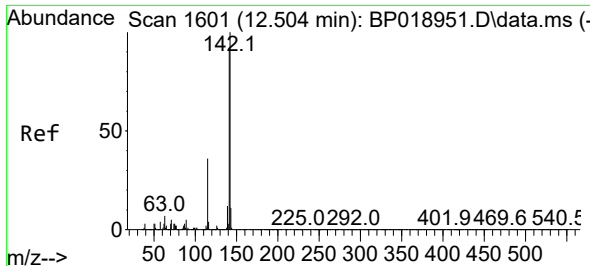
Tgt Ion:107 Resp: 266823
Ion Ratio Lower Upper
107 100
144 26.9 21.0 31.6
142 83.4 63.6 95.4



#36
2-Methylnaphthalene
Concen: 25.205 ng/ul
RT: 12.281 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:142 Resp: 583362
Ion Ratio Lower Upper
142 100
141 90.8 71.4 107.0





#37

1-Methylnaphthalene

Concen: 24.533 ng/ul

RT: 12.504 min Scan# 1601

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

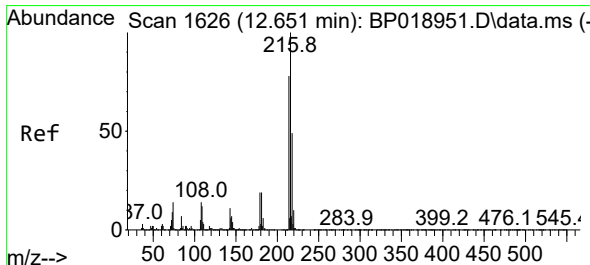
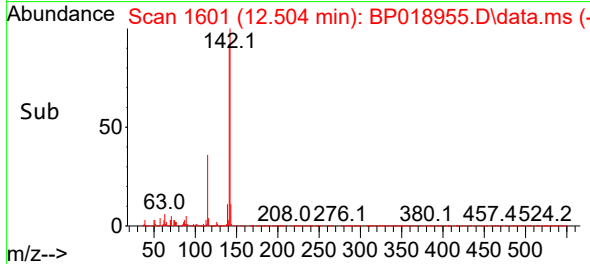
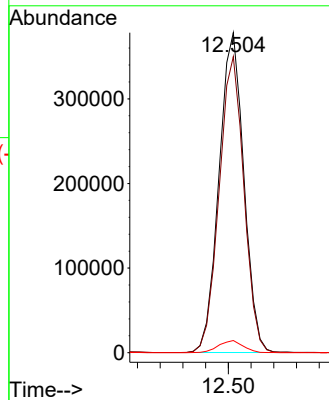
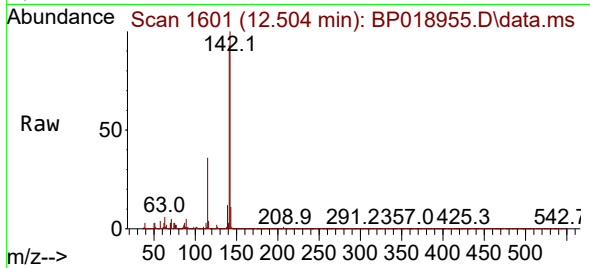
Tgt Ion:142 Resp: 573421

Ion Ratio Lower Upper

142 100

141 92.5 73.5 110.3

116 3.8 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.243 ng/ul

RT: 12.651 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Tgt Ion:216 Resp: 369745

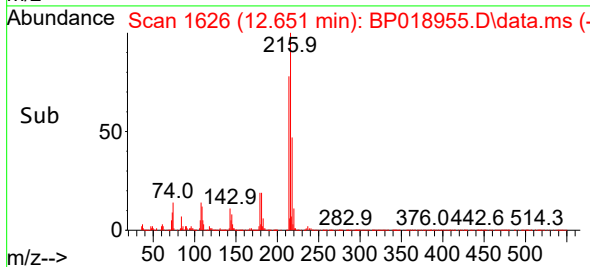
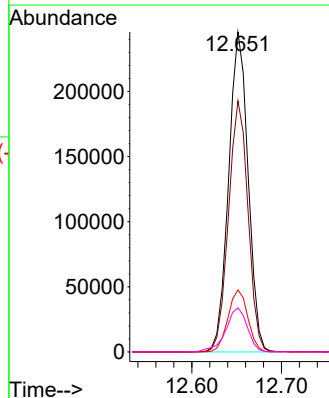
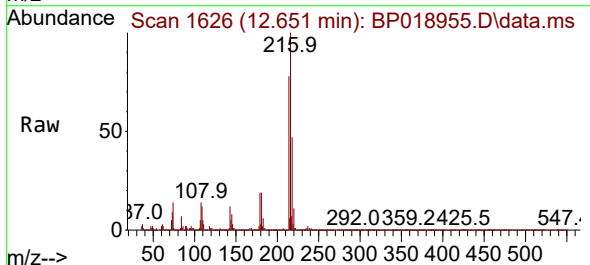
Ion Ratio Lower Upper

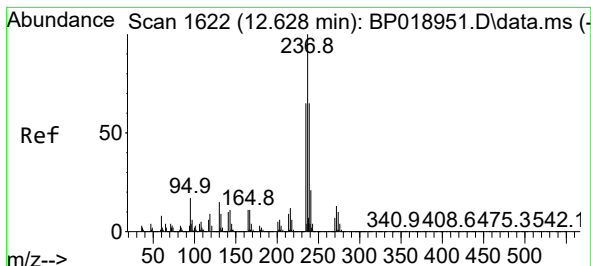
216 100

214 78.4 63.9 95.9

179 19.4 16.3 24.5

108 13.8 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 22.226 ng/ul

RT: 12.628 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

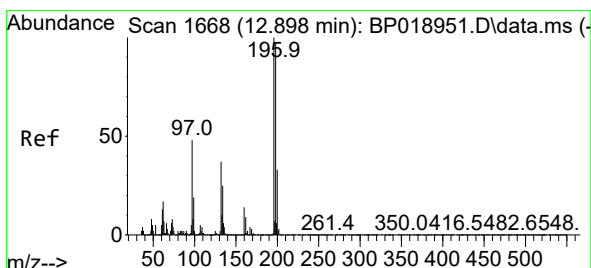
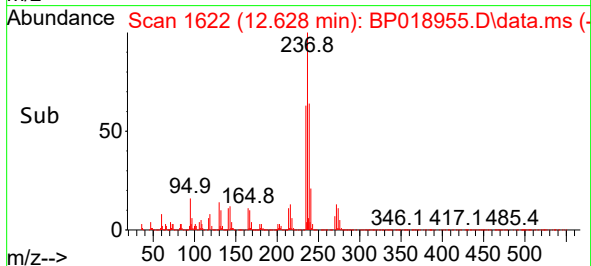
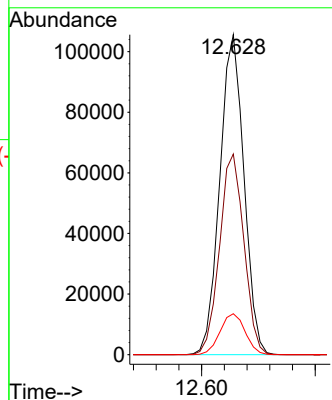
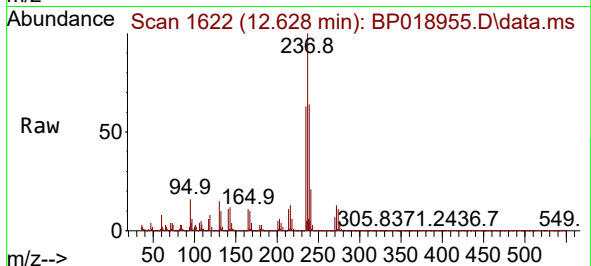
Tgt Ion:237 Resp: 155903

Ion Ratio Lower Upper

237 100

235 62.7 49.4 74.0

272 12.8 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 28.948 ng/ul

RT: 12.898 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

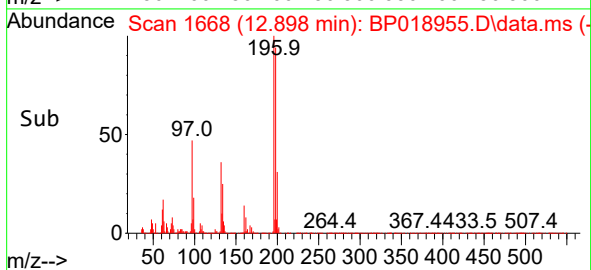
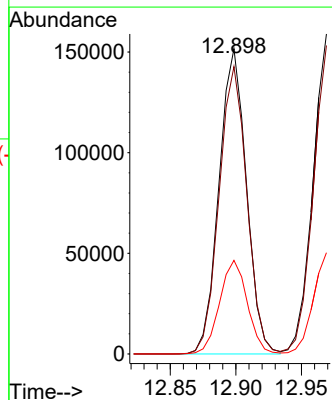
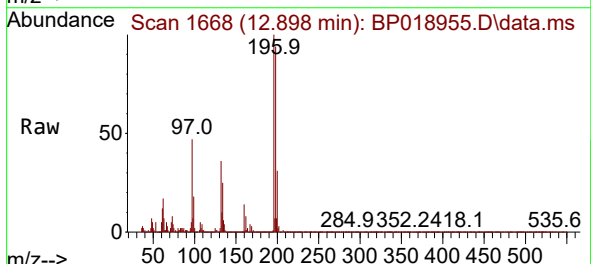
Tgt Ion:196 Resp: 220380

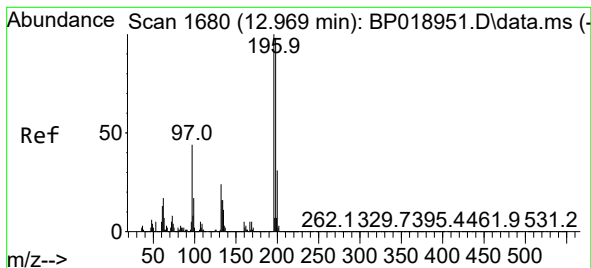
Ion Ratio Lower Upper

196 100

198 94.1 76.9 115.3

200 30.7 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 29.113 ng/ul

RT: 12.969 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

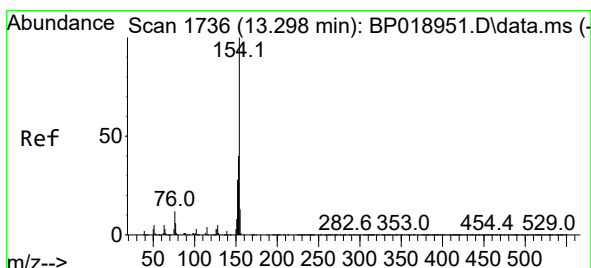
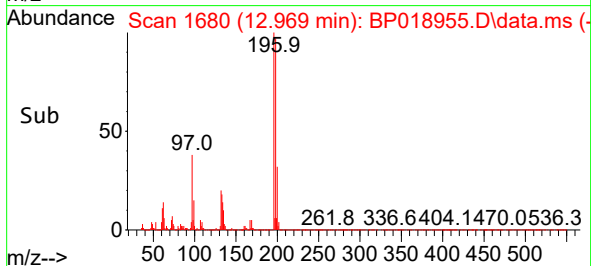
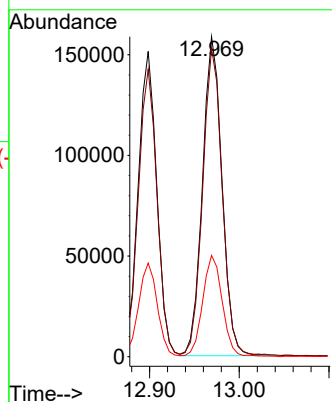
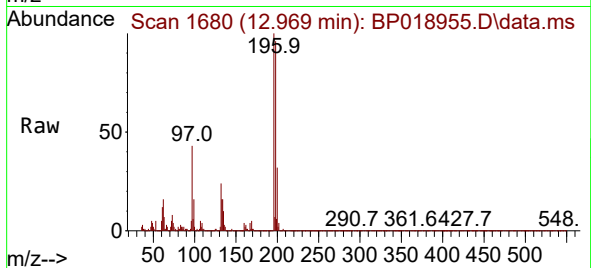
Tgt Ion:196 Resp: 240281

Ion Ratio Lower Upper

196 100

198 96.4 77.9 116.9

200 31.6 25.2 37.8



#43

1,1'-Biphenyl

Concen: 27.492 ng/ul

RT: 13.298 min Scan# 1736

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

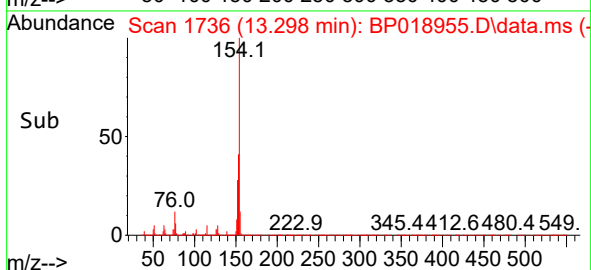
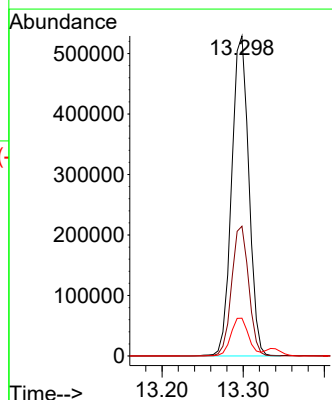
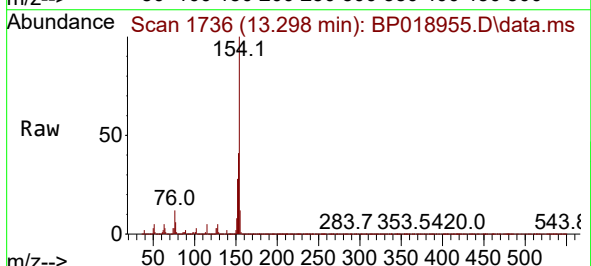
Tgt Ion:154 Resp: 775561

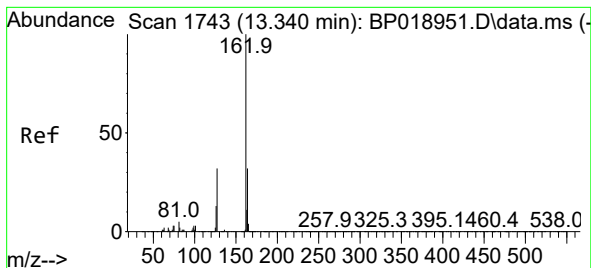
Ion Ratio Lower Upper

154 100

153 40.6 32.8 49.2

76 11.8 10.7 16.1





#44

2-Chloronaphthalene

Concen: 28.267 ng/ul

RT: 13.340 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

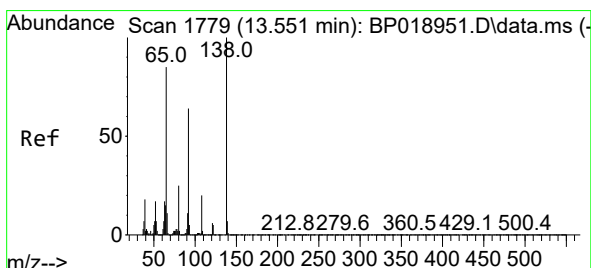
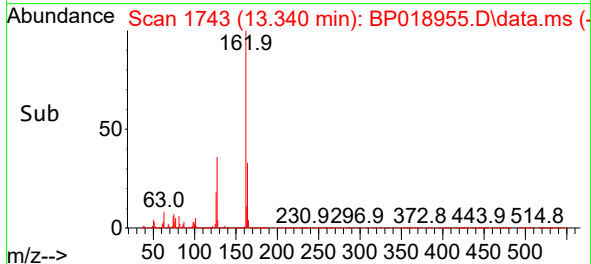
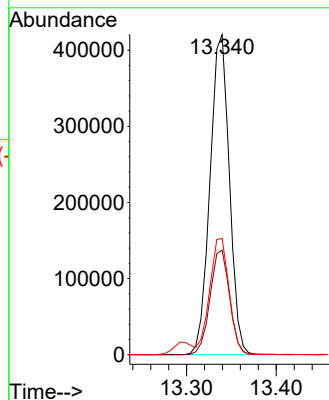
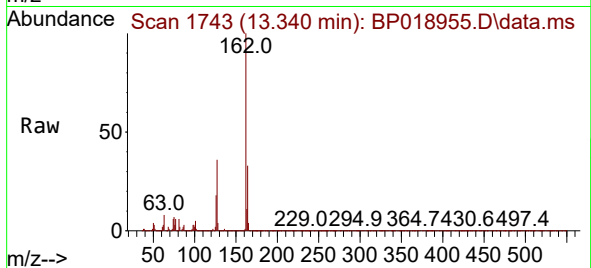
Tgt Ion:162 Resp: 629825

Ion Ratio Lower Upper

162 100

164 32.6 25.7 38.5

127 36.3 30.3 45.5



#45

2-Nitroaniline

Concen: 26.430 ng/ul

RT: 13.551 min Scan# 1779

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

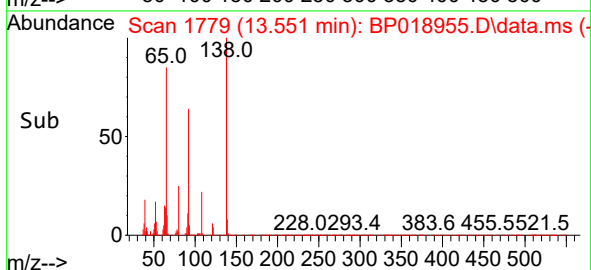
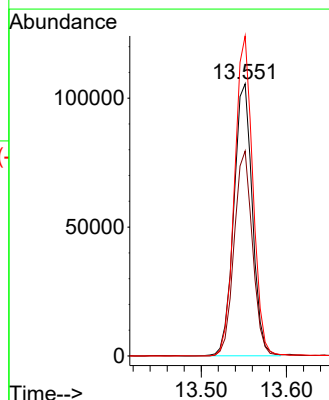
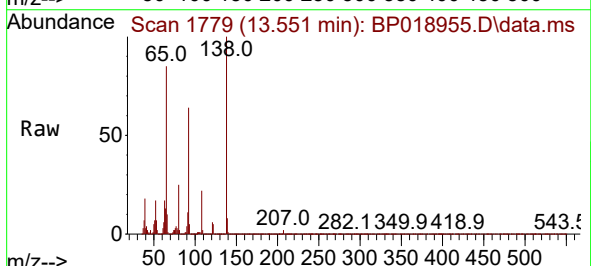
Tgt Ion: 65 Resp: 159640

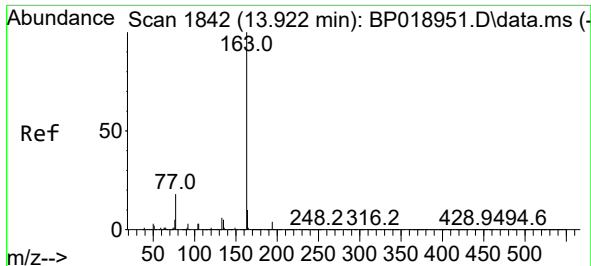
Ion Ratio Lower Upper

65 100

92 75.3 56.9 85.3

138 117.6 88.2 132.2

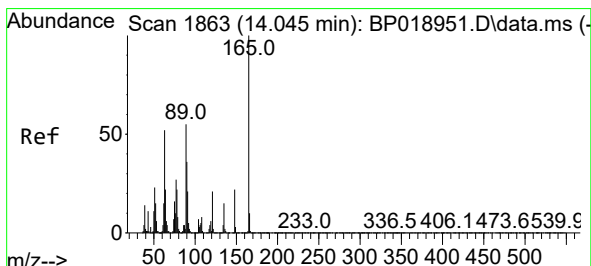
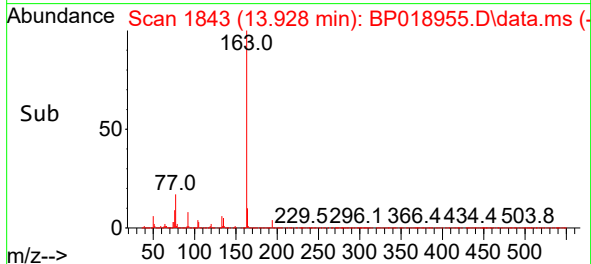
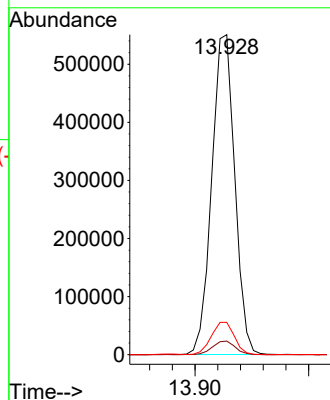
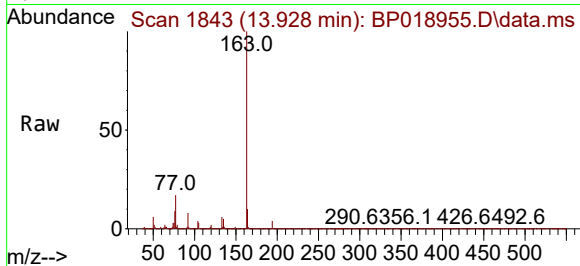




#47
Dimethylphthalate
Concen: 27.042 ng/ul
RT: 13.928 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

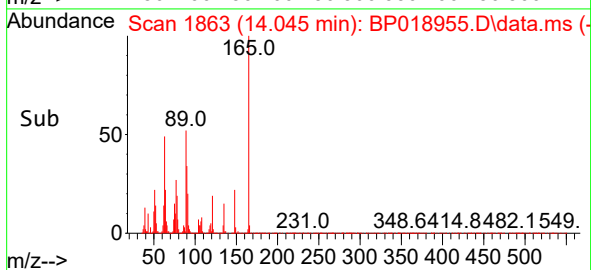
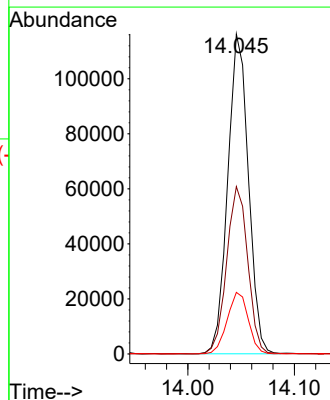
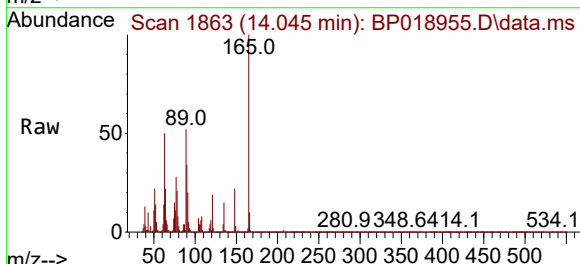
Instrument :
BNA_P
ClientSampleId :
SLCS838

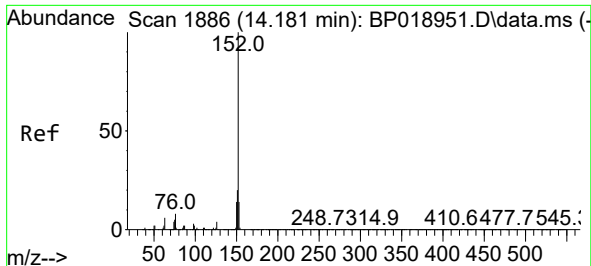
Tgt Ion:163 Resp: 774948
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 28.914 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:165 Resp: 156544
Ion Ratio Lower Upper
165 100
89 52.3 46.6 70.0
121 19.3 17.3 25.9

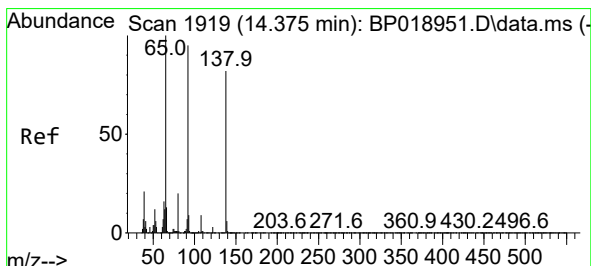
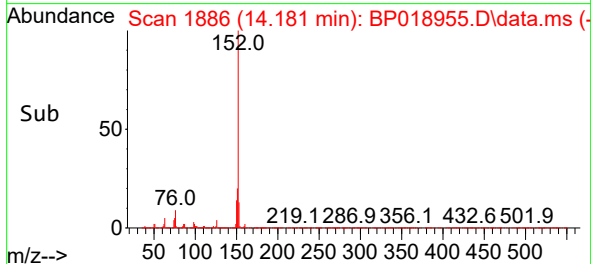
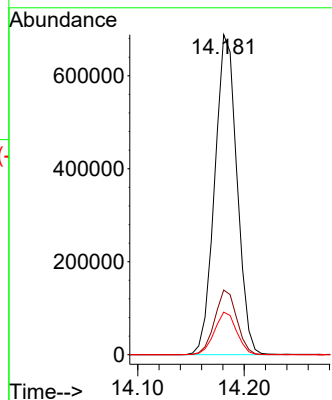
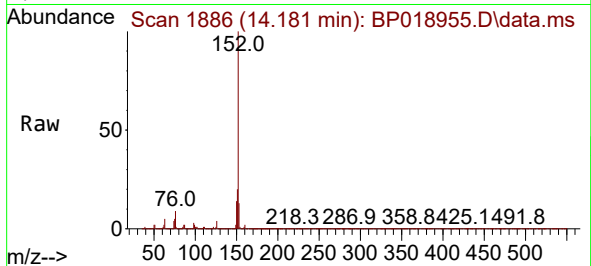




#50
Acenaphthylene
Concen: 27.700 ng/ul
RT: 14.181 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

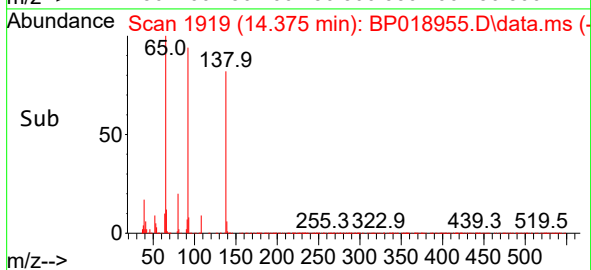
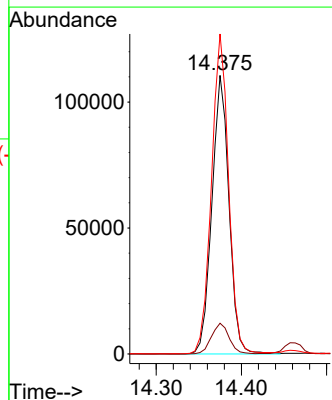
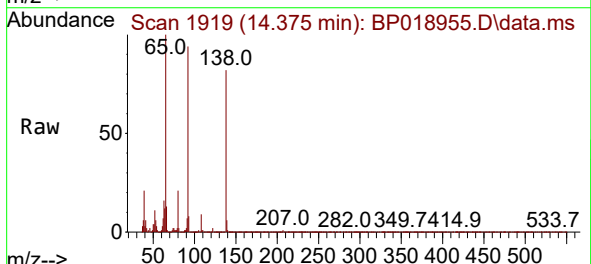
Instrument :
BNA_P
ClientSampleId :
SLCS838

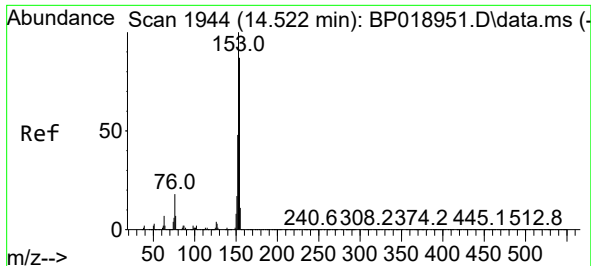
Tgt Ion:152 Resp: 998349
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 10.6 16.0



#51
3-Nitroaniline
Concen: 28.517 ng/ul
RT: 14.375 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:138 Resp: 154126
Ion Ratio Lower Upper
138 100
108 11.0 9.5 14.3
92 114.9 93.1 139.7

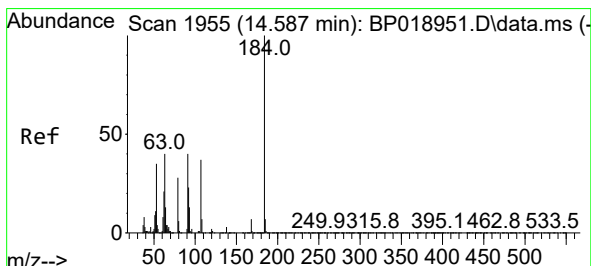
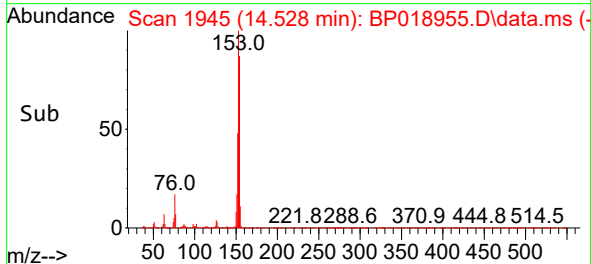
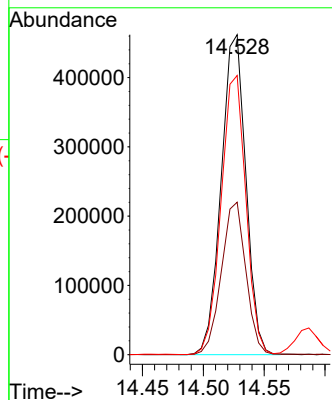
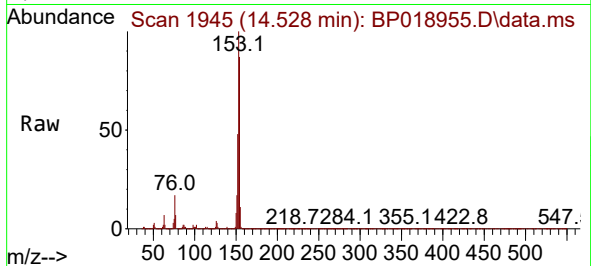




#52
Acenaphthene
Concen: 27.391 ng/ul
RT: 14.528 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

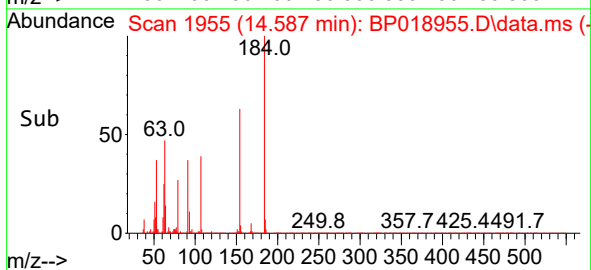
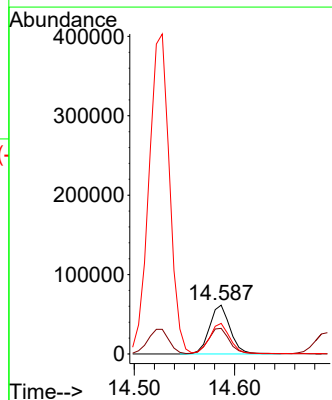
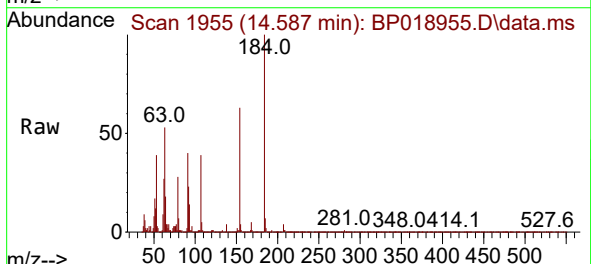
Instrument :
BNA_P
ClientSampleId :
SLCS838

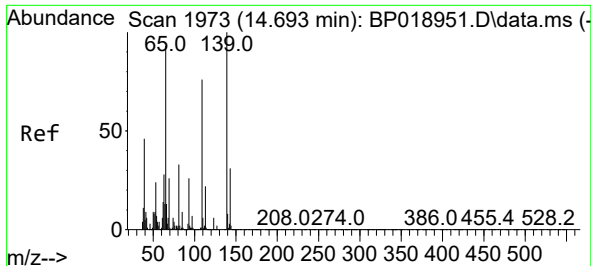
Tgt Ion:153 Resp: 652735
Ion Ratio Lower Upper
153 100
152 47.7 38.1 57.1
154 87.2 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 30.541 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:184 Resp: 87636
Ion Ratio Lower Upper
184 100
63 52.5 48.2 72.4
154 62.7 49.1 73.7

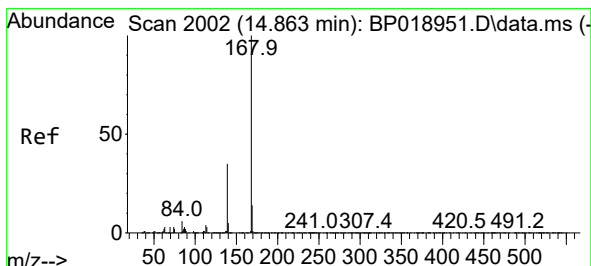
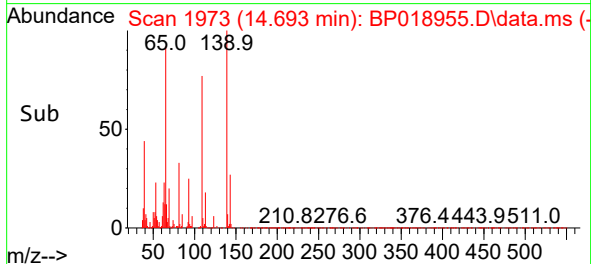
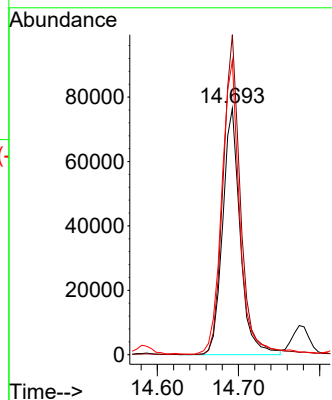
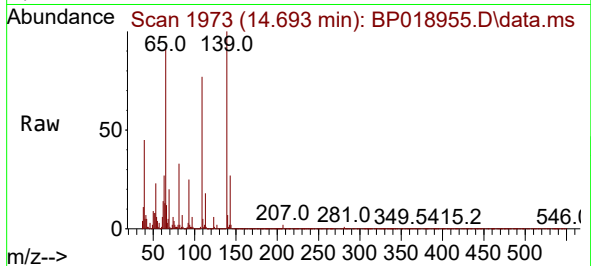




#55
4-Nitrophenol
Concen: 31.780 ng/ul
RT: 14.693 min Scan# 1973
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

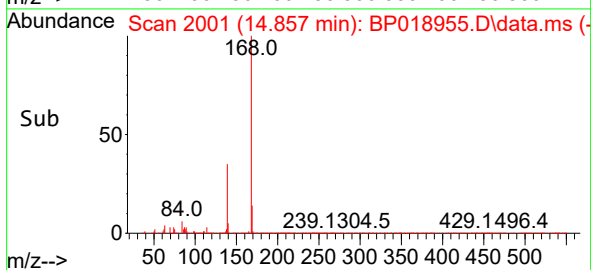
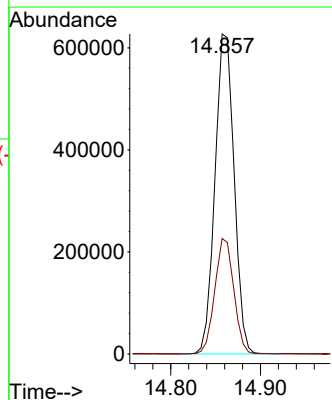
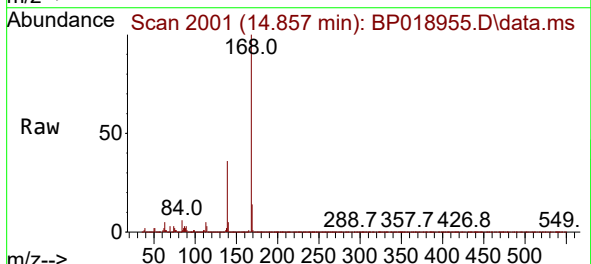
Instrument :
BNA_P
ClientSampleId :
SLCS838

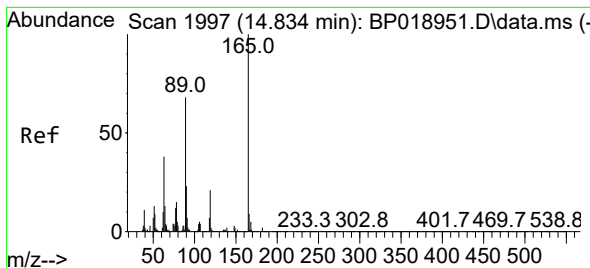
Tgt Ion:109 Resp: 114735
Ion Ratio Lower Upper
109 100
139 129.9 109.0 163.4
65 119.4 106.2 159.4



#56
Dibenzofuran
Concen: 28.111 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:168 Resp: 931054
Ion Ratio Lower Upper
168 100
139 36.1 29.1 43.7

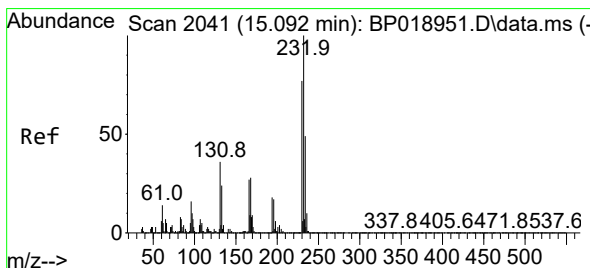
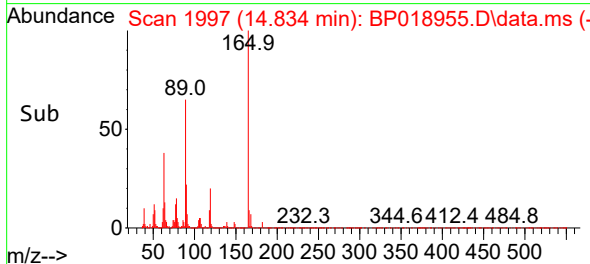
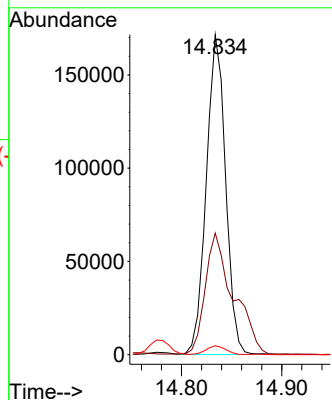
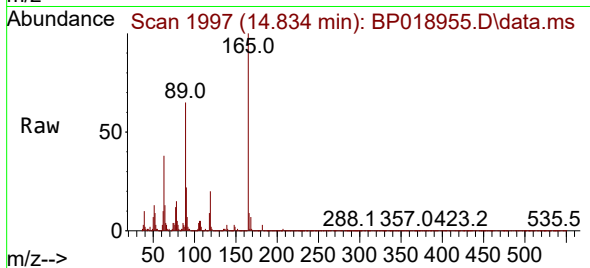




#57
2,4-Dinitrotoluene
Concen: 30.207 ng/ul
RT: 14.834 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

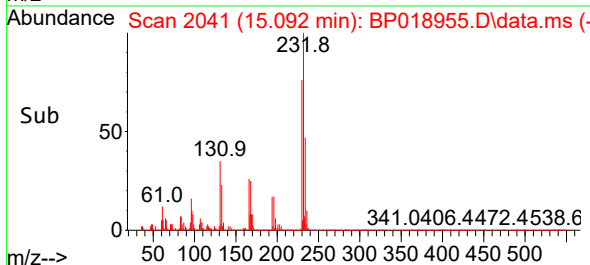
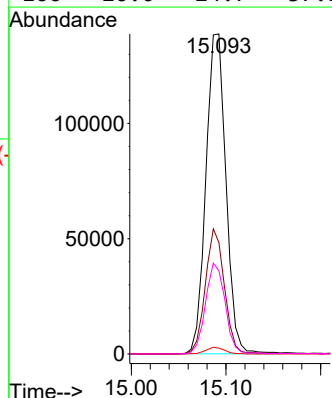
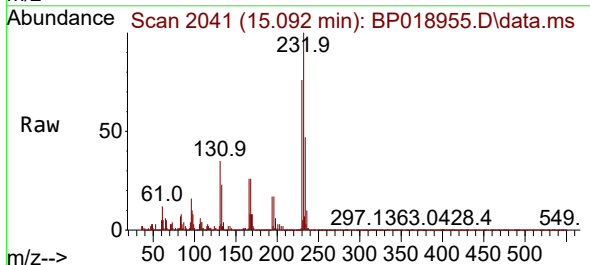
Instrument :
BNA_P
ClientSampleId :
SLCS838

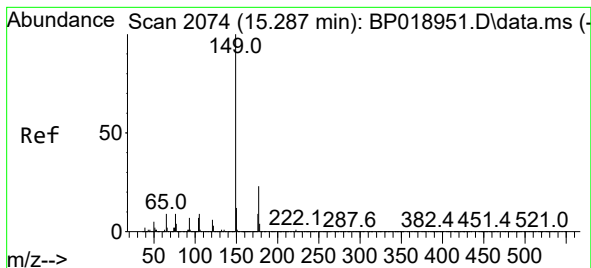
Tgt Ion:165 Resp: 230050
Ion Ratio Lower Upper
165 100
63 38.0 32.7 49.1
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.533 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:232 Resp: 204463
Ion Ratio Lower Upper
232 100
131 34.8 33.8 50.8
130 1.8 1.8 2.8#
166 26.0 24.7 37.1





#59

Diethylphthalate

Concen: 26.738 ng/ul

RT: 15.287 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

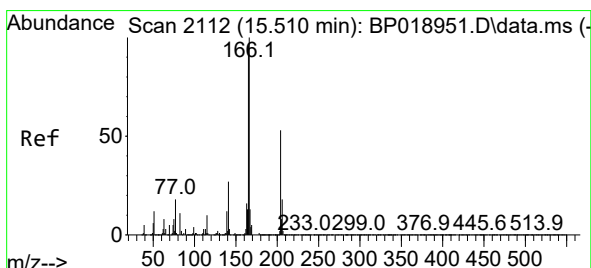
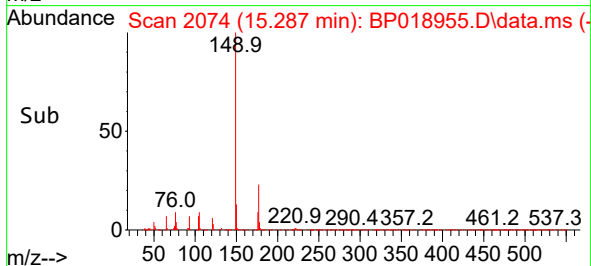
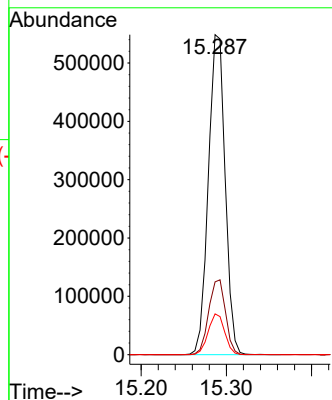
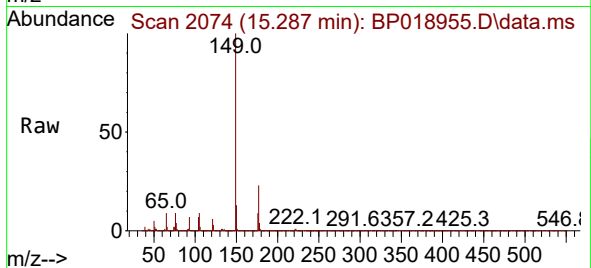
Tgt Ion:149 Resp: 749788

Ion Ratio Lower Upper

149 100

177 22.7 18.2 27.4

150 12.8 9.9 14.9



#61

Fluorene

Concen: 28.801 ng/ul

RT: 15.510 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

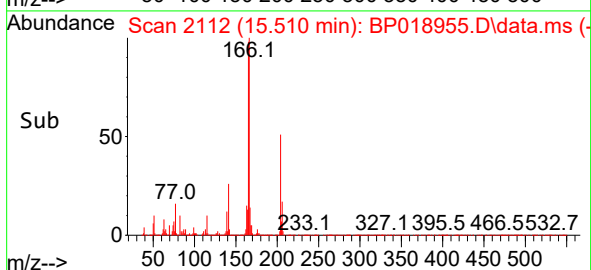
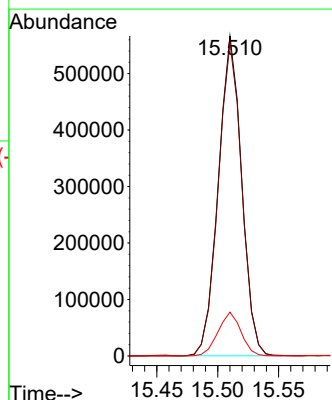
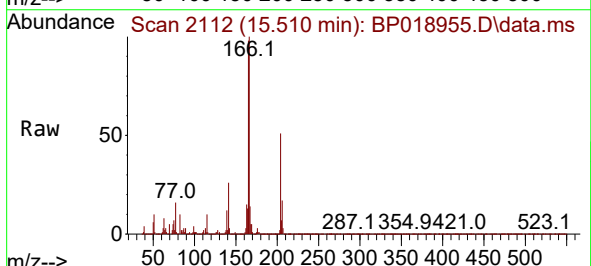
Tgt Ion:166 Resp: 754816

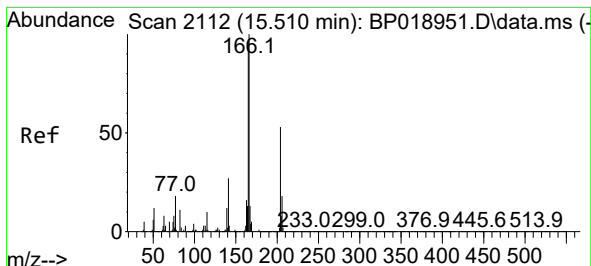
Ion Ratio Lower Upper

166 100

165 97.9 78.0 117.0

167 13.7 10.8 16.2

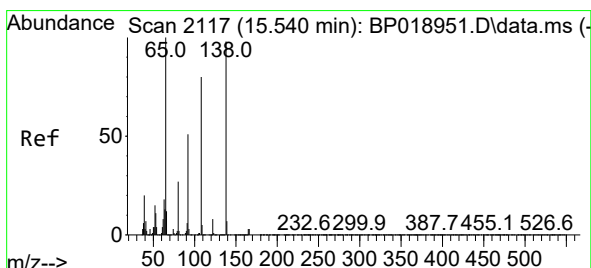
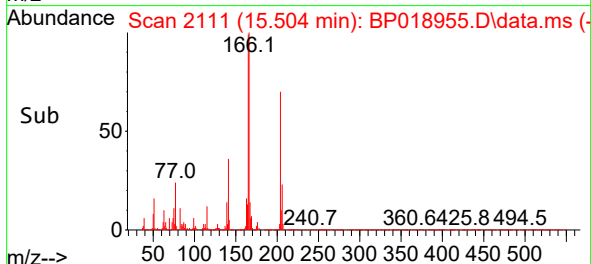
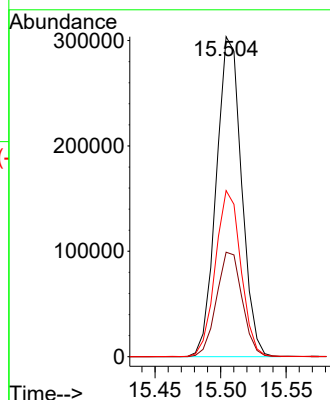
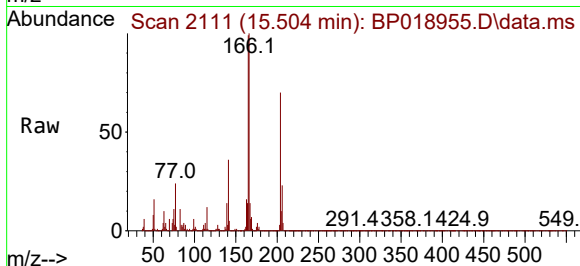




#62
4-Chlorophenyl-phenylether
Concen: 29.593 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

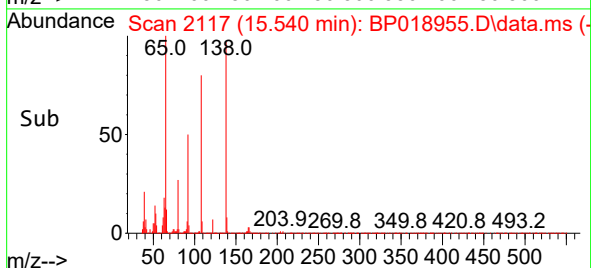
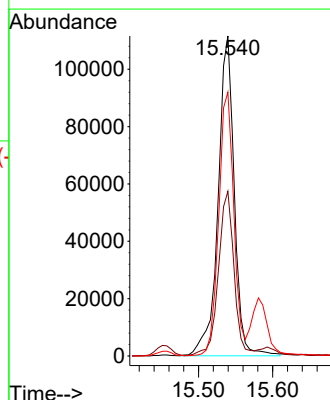
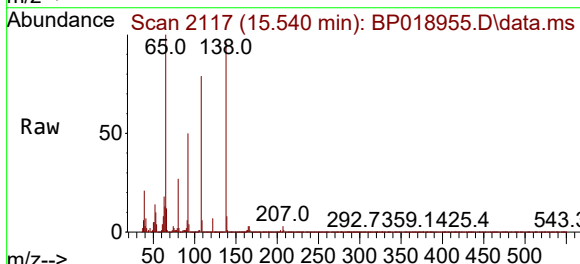
Instrument :
BNA_P
ClientSampleId :
SLCS838

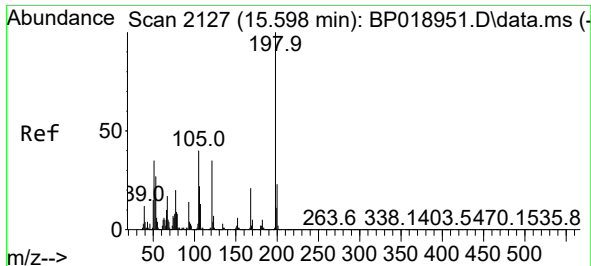
Tgt Ion:204 Resp: 406761
Ion Ratio Lower Upper
204 100
206 32.6 27.1 40.7
141 51.9 45.8 68.8



#63
4-Nitroaniline
Concen: 32.932 ng/ul
RT: 15.540 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:138 Resp: 169560
Ion Ratio Lower Upper
138 100
92 51.4 42.3 63.5
108 82.4 62.0 93.0

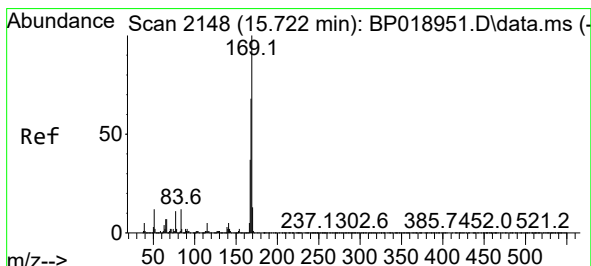
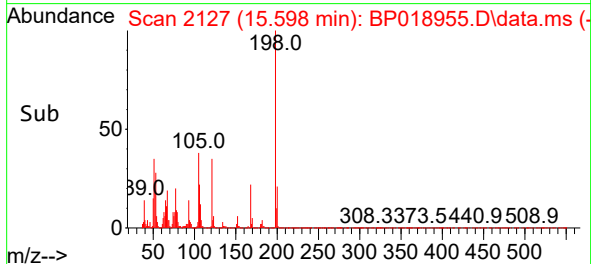
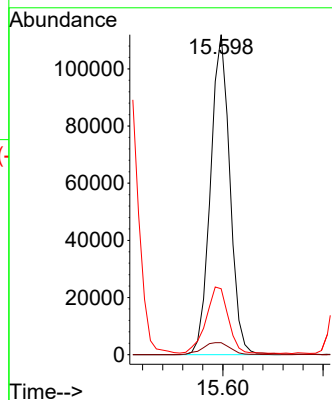
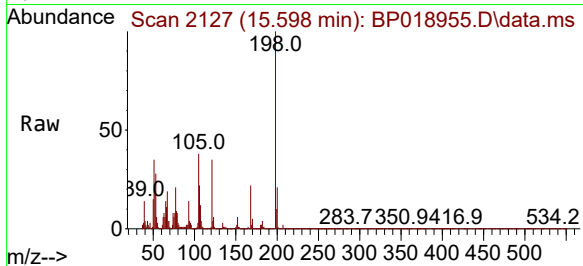




#66
4,6-Dinitro-2-methylphenol
Concen: 32.208 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

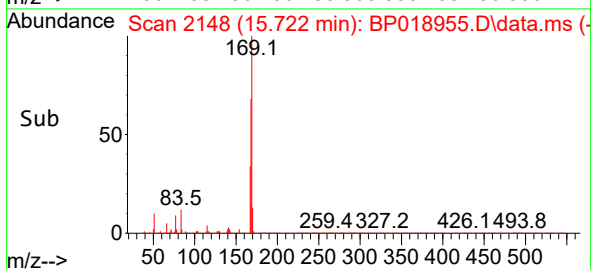
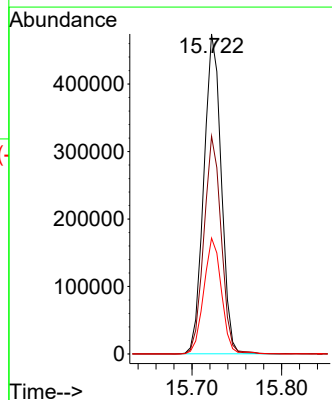
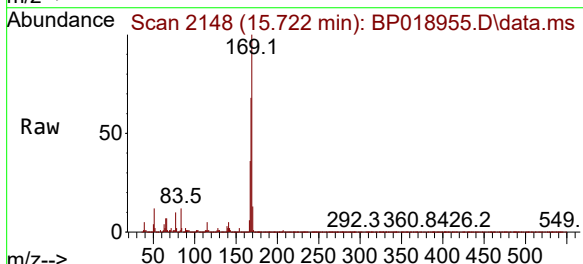
Instrument :
BNA_P
ClientSampleId :
SLCS838

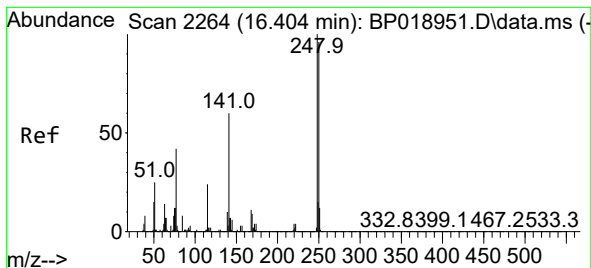
Tgt Ion:198 Resp: 150625
Ion Ratio Lower Upper
198 100
182 3.7 3.4 5.2
77 20.6 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 26.412 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:169 Resp: 638484
Ion Ratio Lower Upper
169 100
168 68.1 53.1 79.7
167 36.2 29.1 43.7

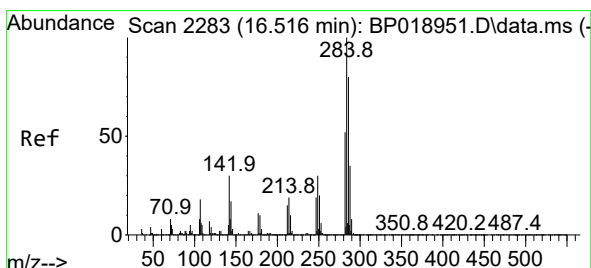
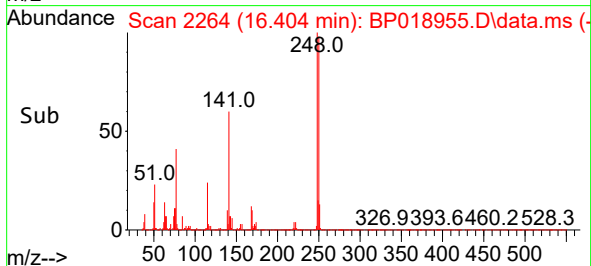
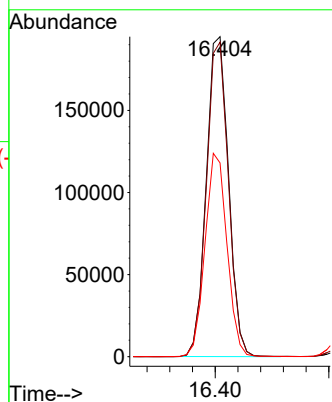
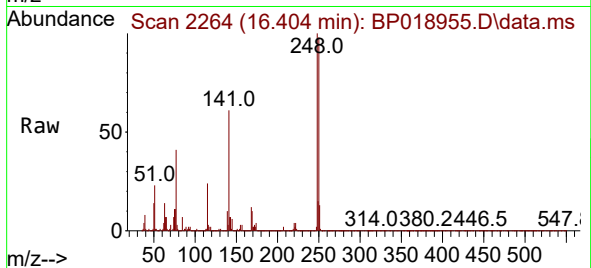




#68
4-Bromophenyl-phenylether
Concen: 28.765 ng/ul
RT: 16.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

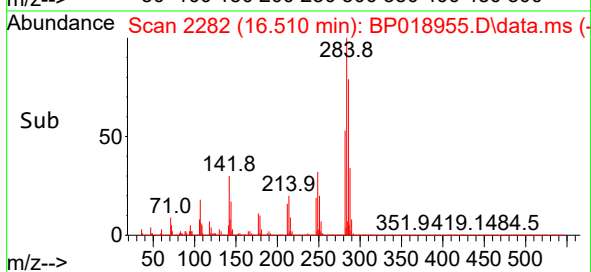
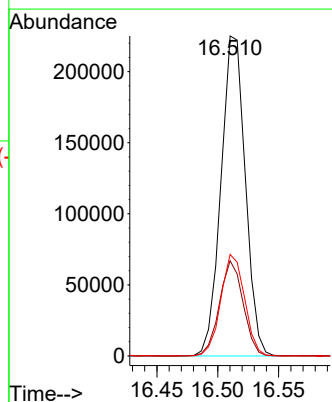
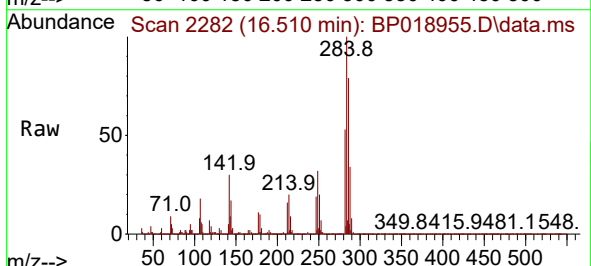
Instrument :
BNA_P
ClientSampleId :
SLCS838

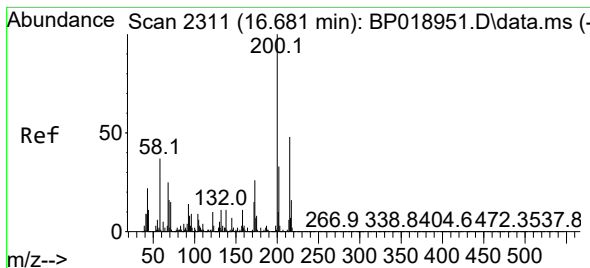
Tgt Ion:248 Resp: 264924
Ion Ratio Lower Upper
248 100
250 98.3 79.3 118.9
141 60.6 57.2 85.8



#69
Hexachlorobenzene
Concen: 30.504 ng/ul
RT: 16.510 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:284 Resp: 313670
Ion Ratio Lower Upper
284 100
142 29.7 25.8 38.6
249 31.7 24.9 37.3





#70

Atrazine

Concen: 20.864 ng/ul

RT: 16.681 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

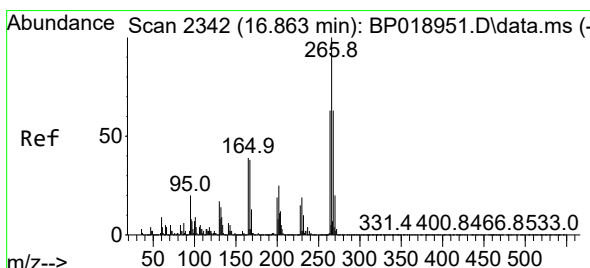
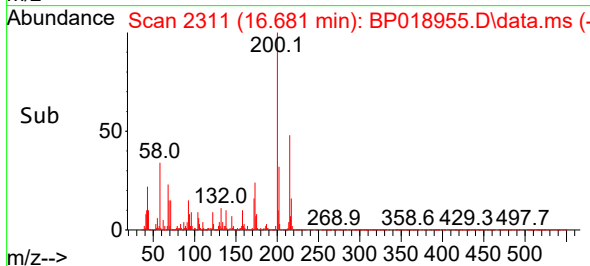
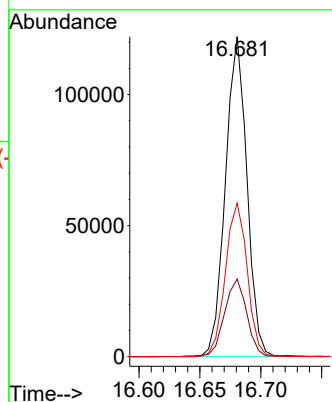
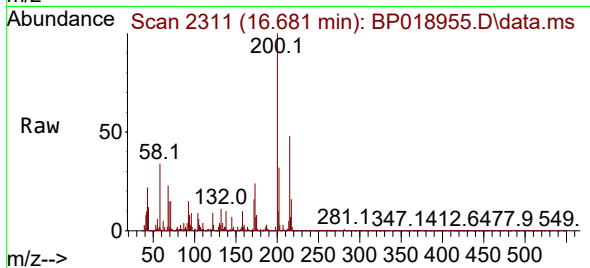
Tgt Ion:200 Resp: 149953

Ion Ratio Lower Upper

200 100

173 24.2 21.0 31.4

215 48.0 38.2 57.2



#71

Pentachlorophenol

Concen: 29.533 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

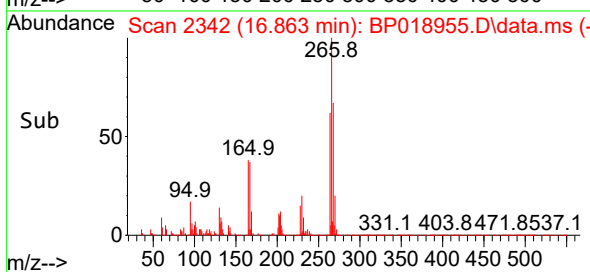
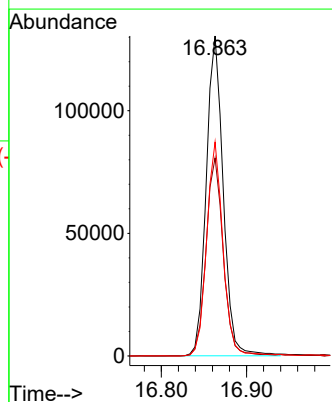
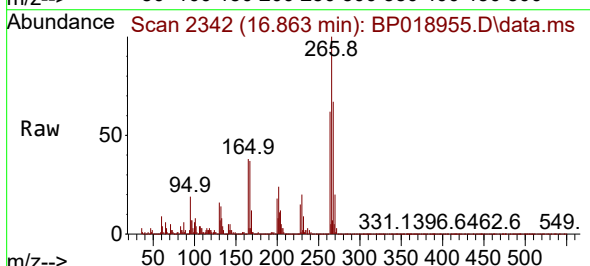
Tgt Ion:266 Resp: 180607

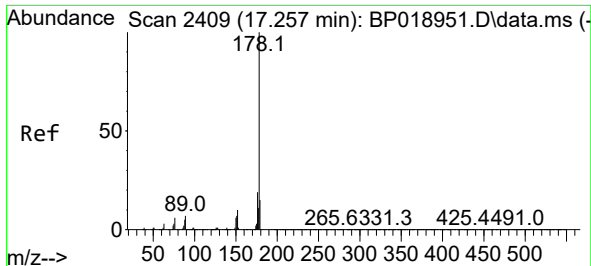
Ion Ratio Lower Upper

266 100

264 61.9 50.2 75.2

268 66.9 50.5 75.7

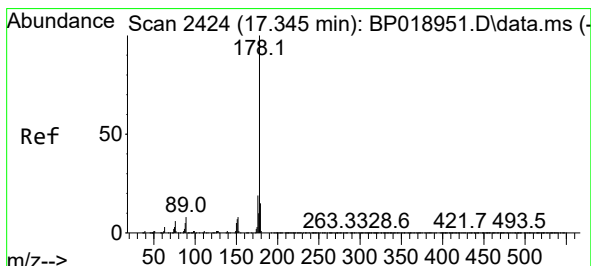
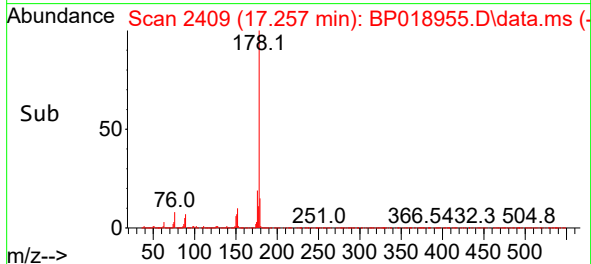
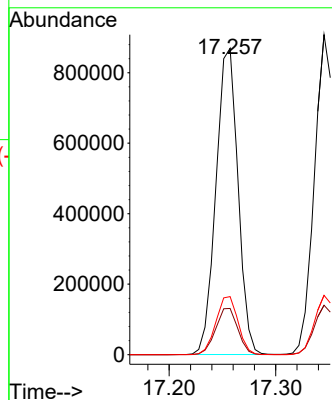
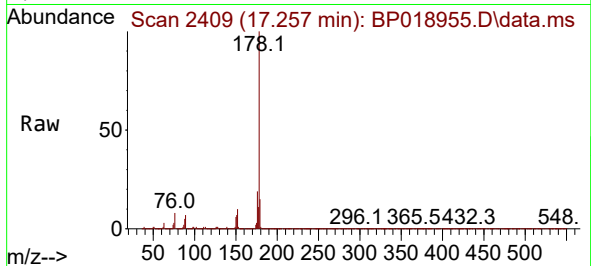




#72
Phenanthrene
Concen: 28.302 ng/ul
RT: 17.257 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

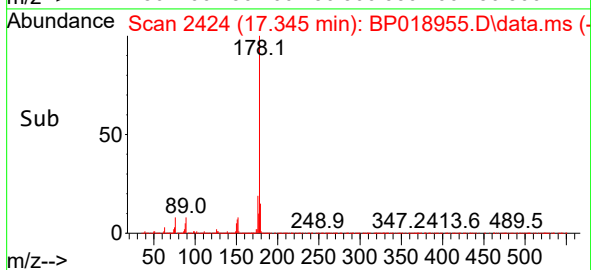
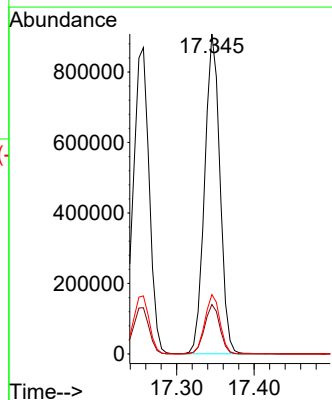
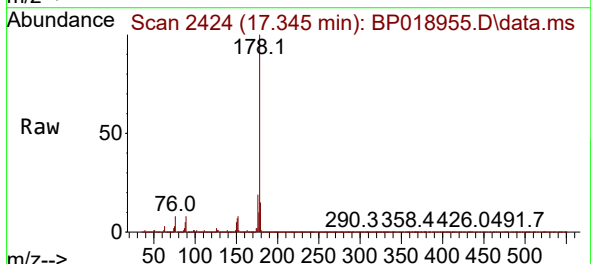
Instrument :
BNA_P
ClientSampleId :
SLCS838

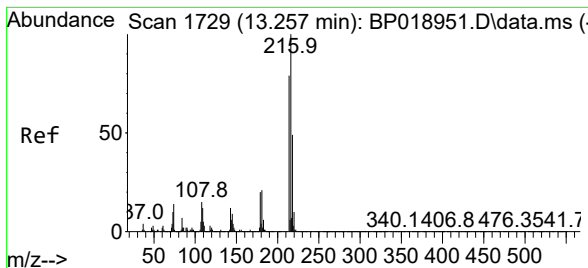
Tgt Ion:178 Resp: 1246964
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 19.0 15.4 23.2



#74
Anthracene
Concen: 28.087 ng/ul
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:178 Resp: 1240431
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.6 15.0 22.6

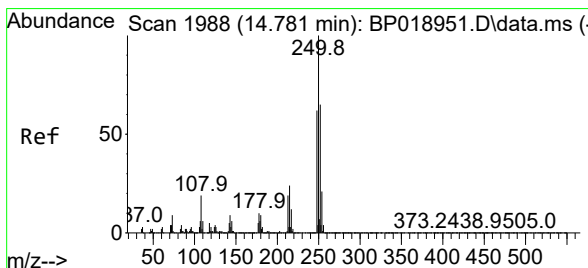
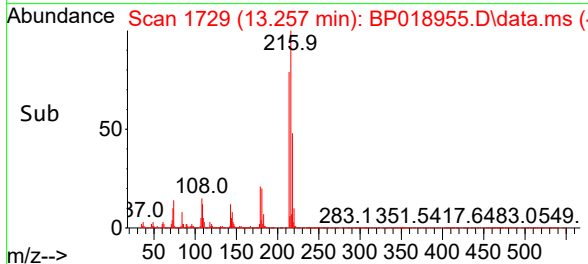
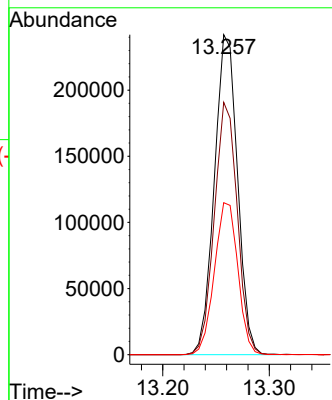
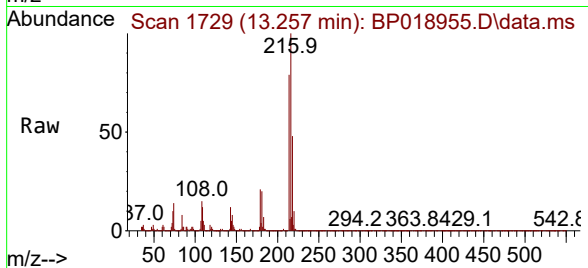




#75
1,2,3,4-Tetrachlorobenzene
Concen: 28.914 ng/uL
RT: 13.257 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

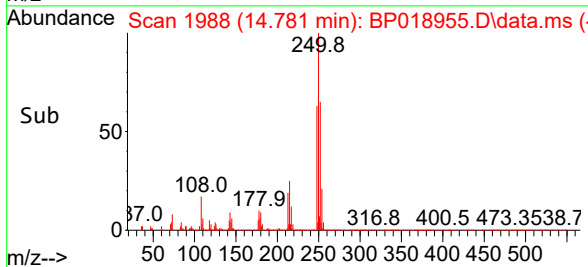
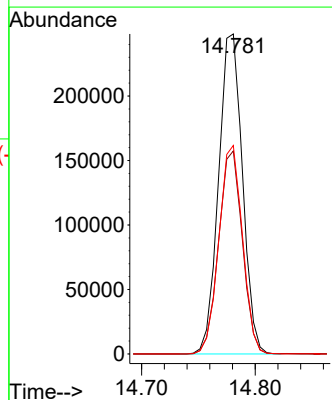
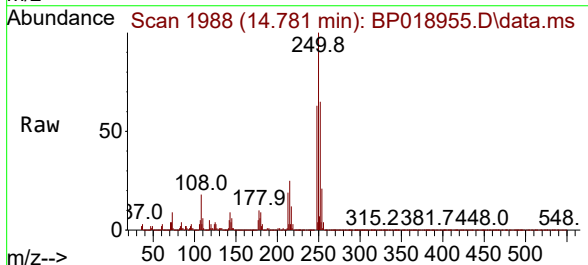
Instrument :
BNA_P
ClientSampleId :
SLCS838

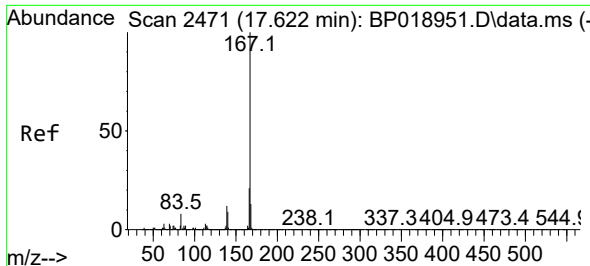
Tgt Ion:216 Resp: 364729
Ion Ratio Lower Upper
216 100
214 78.8 61.4 92.2
218 47.5 39.2 58.8



#76
Pentachlorobenzene
Concen: 29.239 ng/uL
RT: 14.781 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BP018955.D
Acq: 20 Dec 2023 11:44

Tgt Ion:250 Resp: 362289
Ion Ratio Lower Upper
250 100
248 63.5 50.6 75.8
252 65.2 51.3 76.9

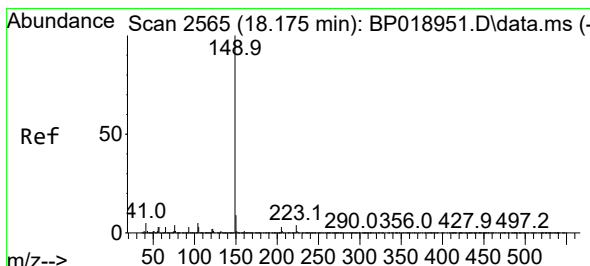
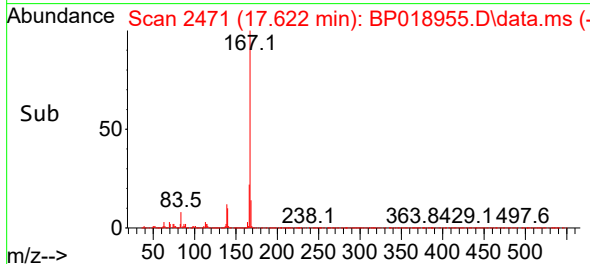
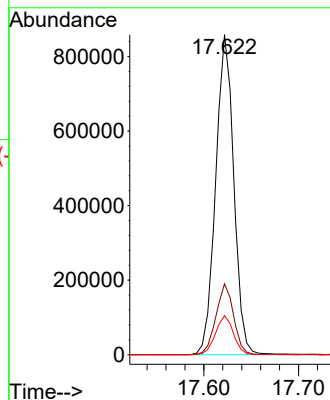
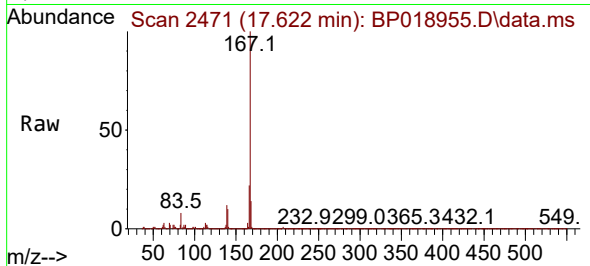




#77
 Carbazole
 Concen: 32.406 ng/ul
 RT: 17.622 min Scan# 2471
 Delta R.T. -0.006 min
 Lab File: BP018955.D
 Acq: 20 Dec 2023 11:44

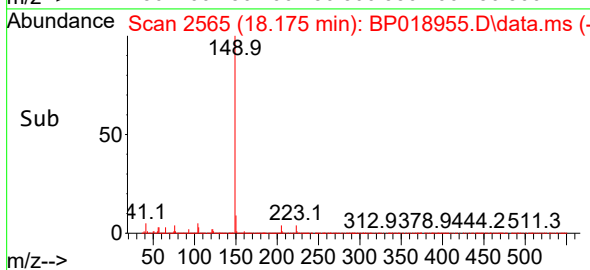
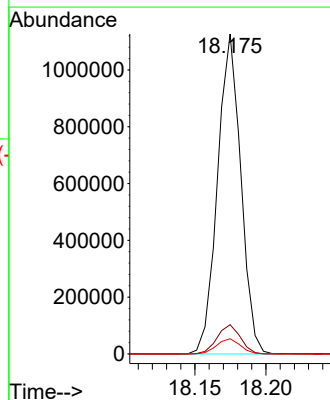
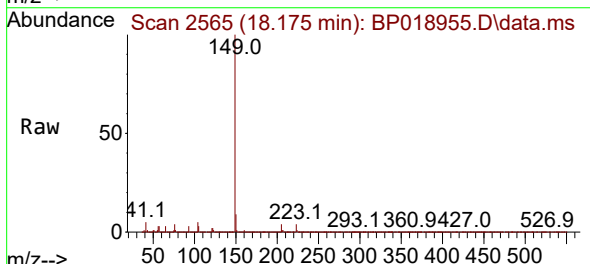
Instrument :
 BNA_P
 ClientSampleId :
 SLCS838

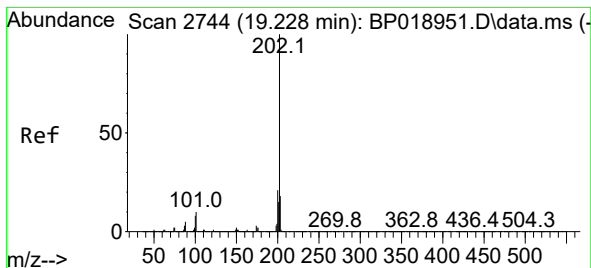
Tgt Ion:167 Resp: 1140660
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.1 25.7
 139 12.2 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 27.367 ng/ul
 RT: 18.175 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BP018955.D
 Acq: 20 Dec 2023 11:44

Tgt Ion:149 Resp: 1282664
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 3.9 5.9





#80

Fluoranthene

Concen: 21.444 ng/ul

RT: 19.228 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

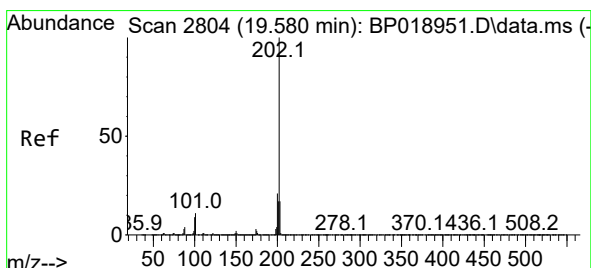
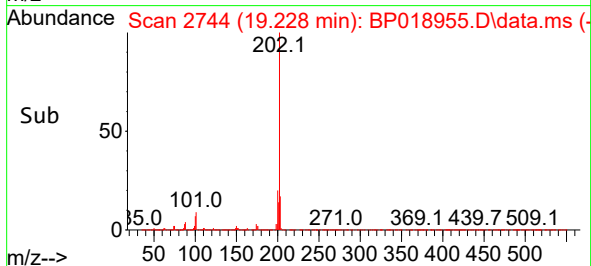
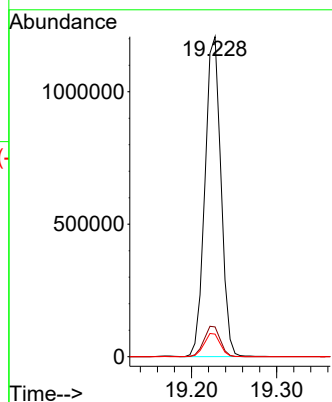
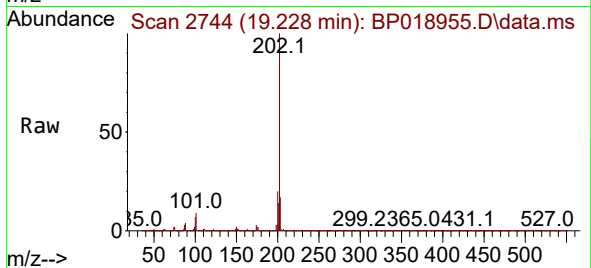
Tgt Ion:202 Resp: 1570054

Ion Ratio Lower Upper

202 100

101 9.3 9.1 13.7

100 7.1 7.1 10.7#



#82

Pyrene

Concen: 22.345 ng/ul

RT: 19.580 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

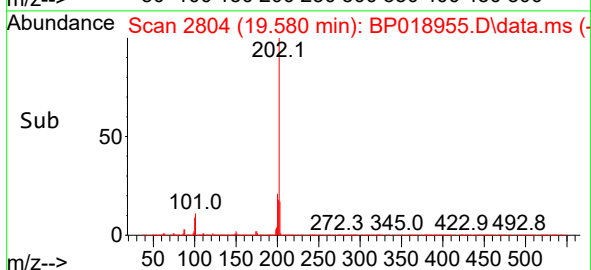
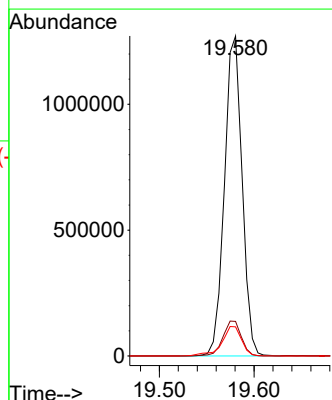
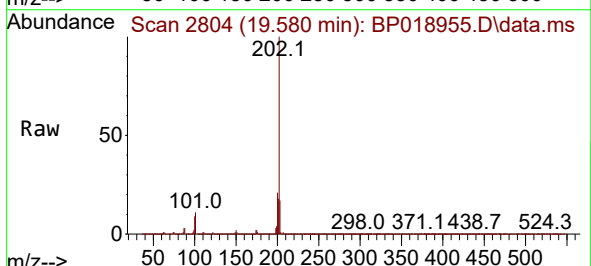
Tgt Ion:202 Resp: 1650462

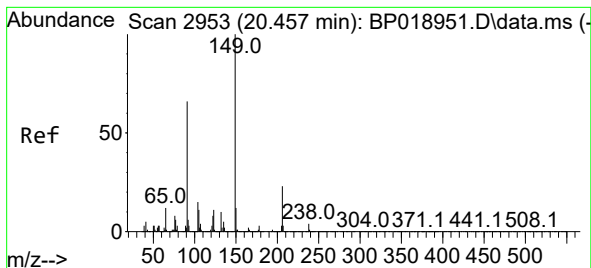
Ion Ratio Lower Upper

202 100

101 10.8 11.0 16.4#

100 9.1 9.1 13.7#





#83

Butylbenzylphthalate

Concen: 23.003 ng/ul

RT: 20.457 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

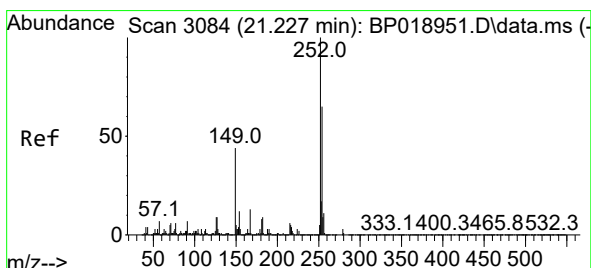
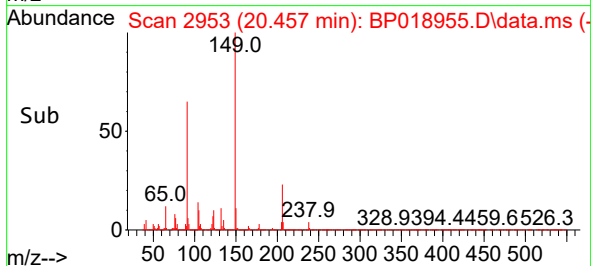
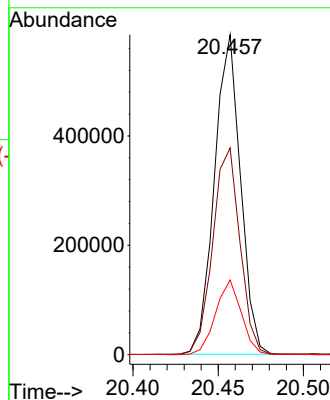
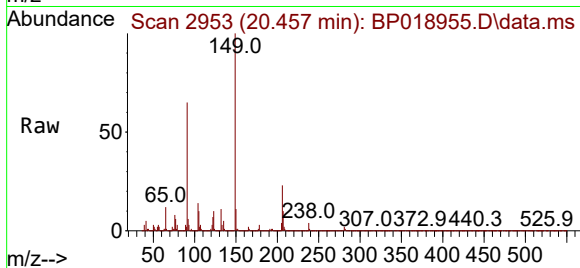
Tgt Ion:149 Resp: 622003

Ion Ratio Lower Upper

149 100

91 64.6 56.6 85.0

206 23.4 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 32.232 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

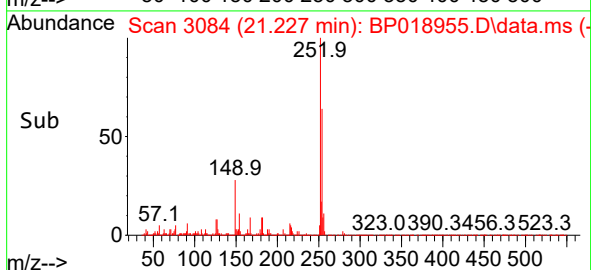
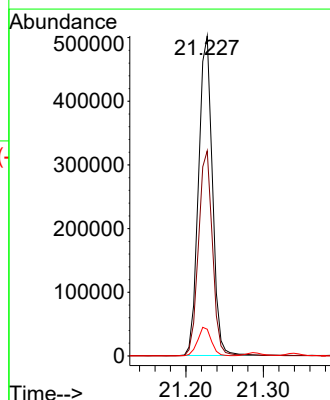
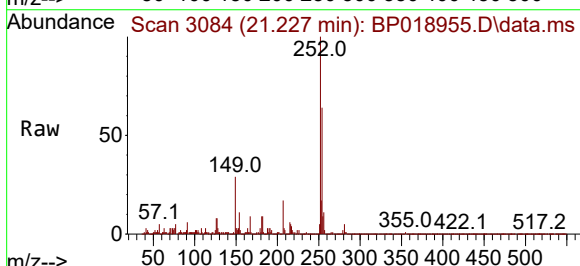
Tgt Ion:252 Resp: 623254

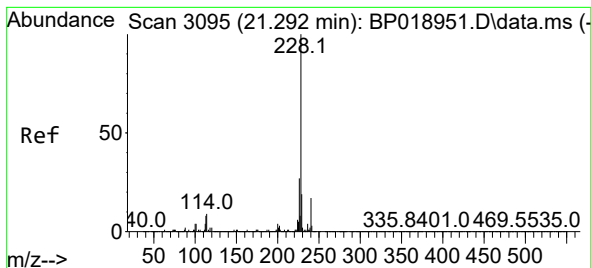
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.4

126 8.3 7.8 11.6





#85

Benzo(a)anthracene

Concen: 28.067 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.012 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

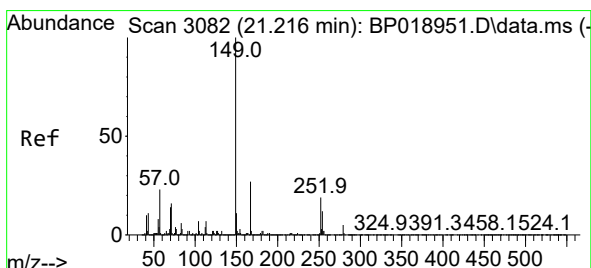
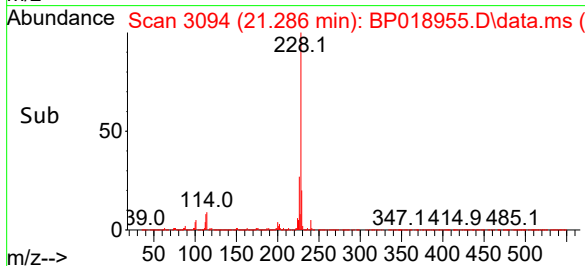
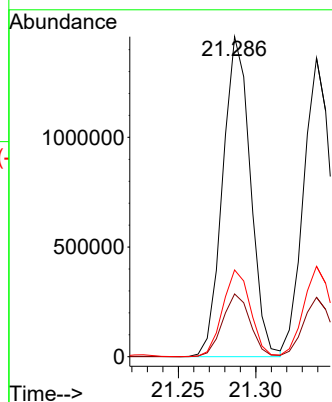
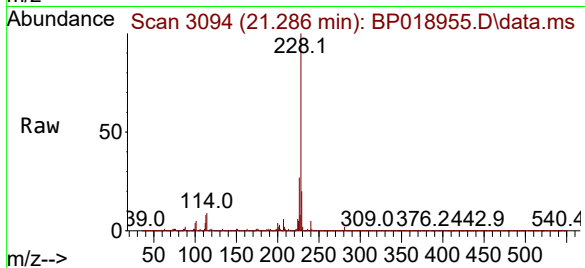
Tgt Ion:228 Resp: 1812795

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 27.1 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 24.108 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

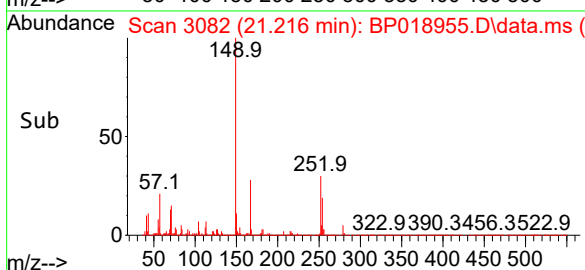
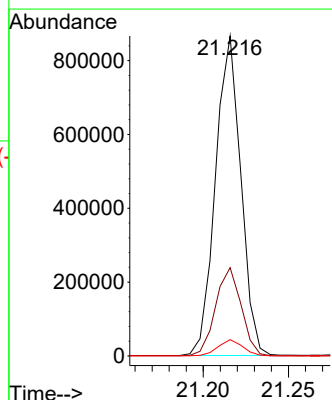
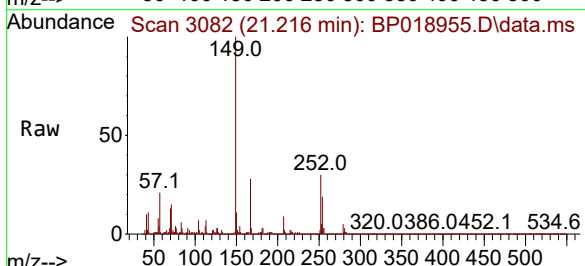
Tgt Ion:149 Resp: 895988

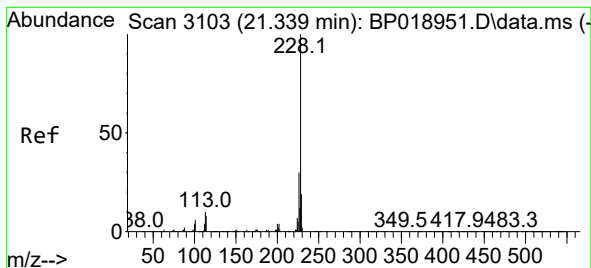
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

279 5.1 3.3 4.9#





#87

Chrysene

Concen: 28.292 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

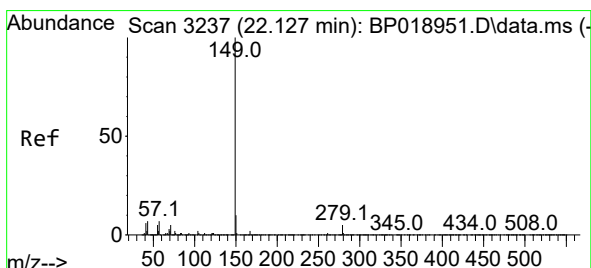
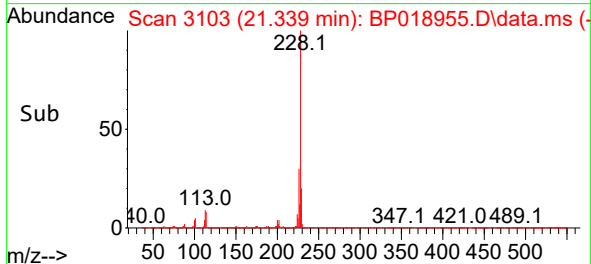
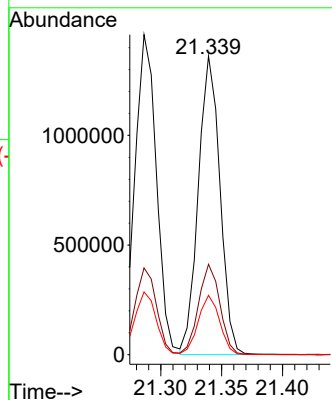
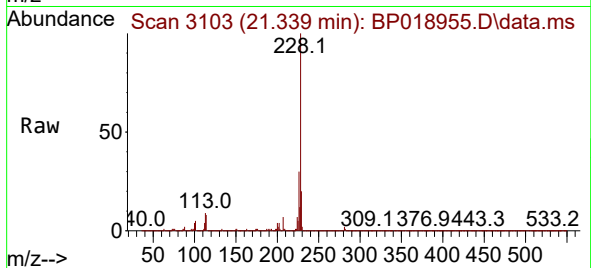
Tgt Ion:228 Resp: 1682765

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.9 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 22.547 ng/ul

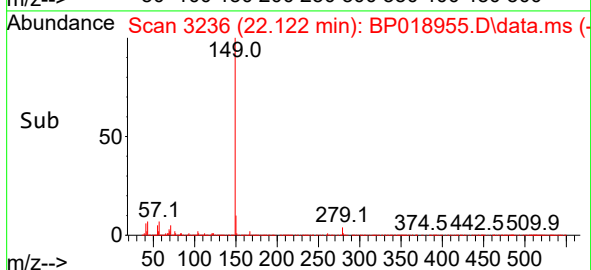
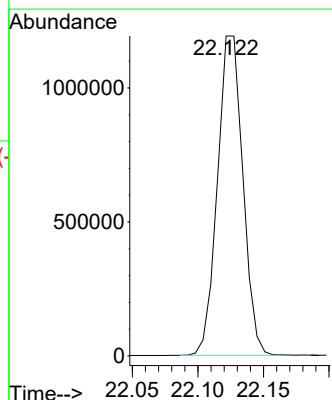
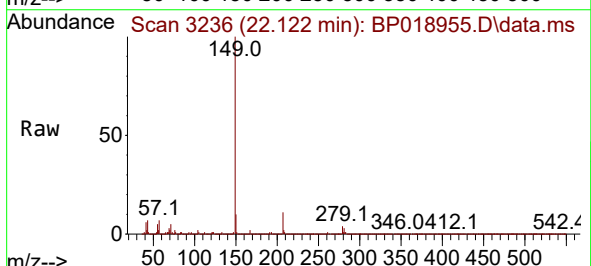
RT: 22.122 min Scan# 3236

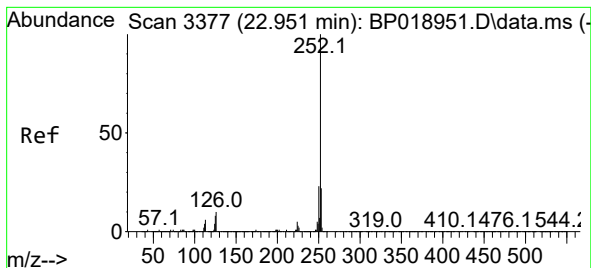
Delta R.T. -0.012 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Tgt Ion:149 Resp: 1607371





#90

Benzo(b)fluoranthene

Concen: 26.841 ng/ul

RT: 22.945 min Scan# 3377

Delta R.T. -0.012 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

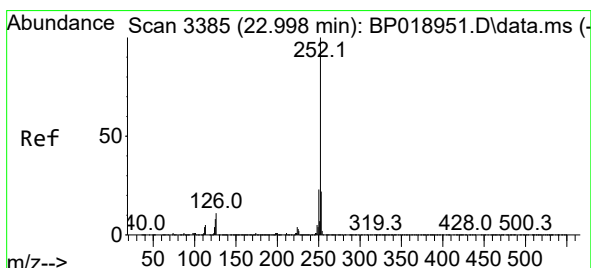
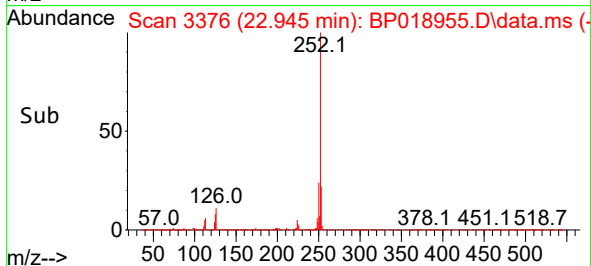
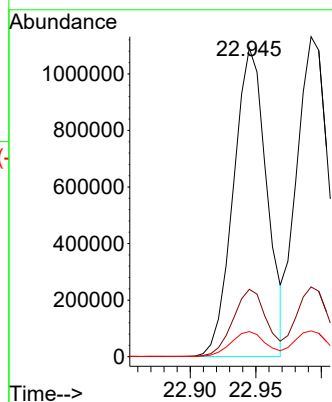
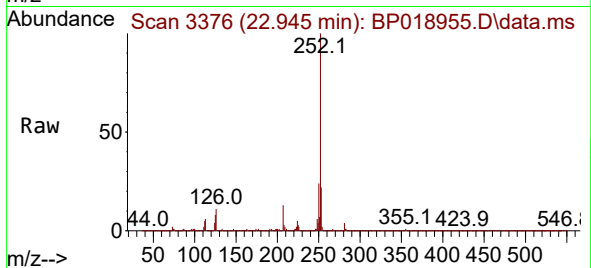
Tgt Ion:252 Resp: 1932360

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 8.2 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 27.459 ng/ul

RT: 22.992 min Scan# 3384

Delta R.T. -0.017 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

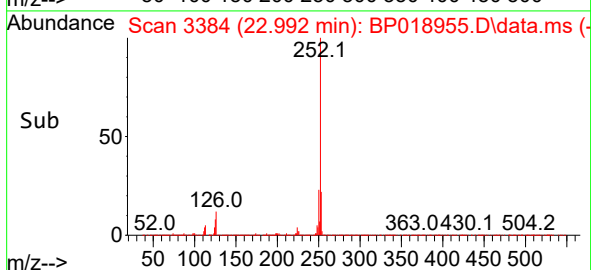
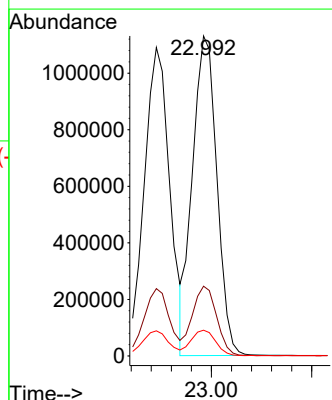
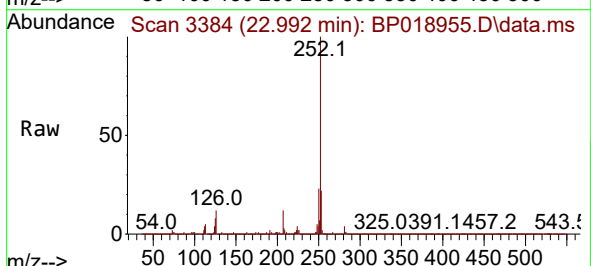
Tgt Ion:252 Resp: 1912713

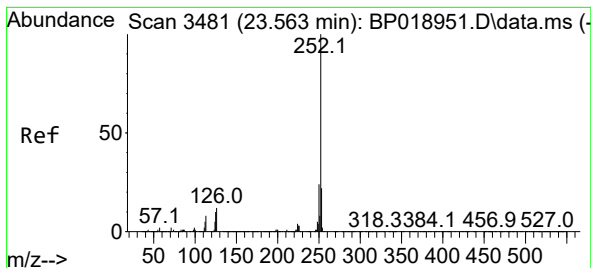
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.0 8.0 12.0





#93

Benzo(a)pyrene

Concen: 28.285 ng/ul

RT: 23.563 min Scan# 3481

Delta R.T. -0.017 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

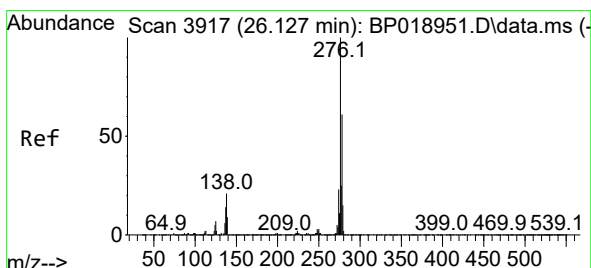
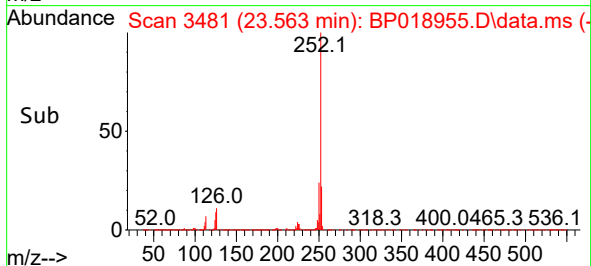
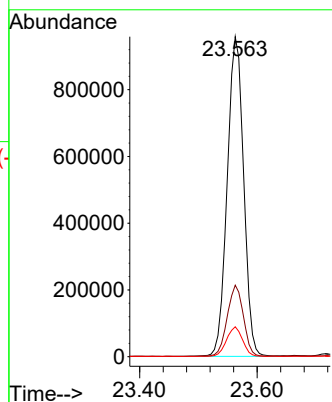
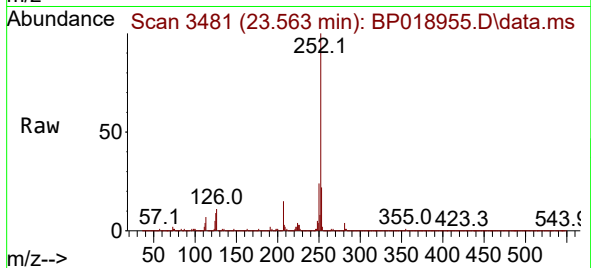
Tgt Ion:252 Resp: 1860603

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.3 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.851 ng/ul

RT: 26.127 min Scan# 3917

Delta R.T. -0.029 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

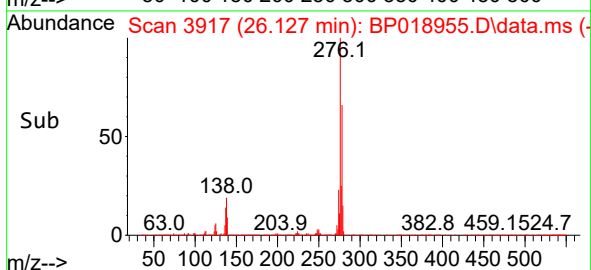
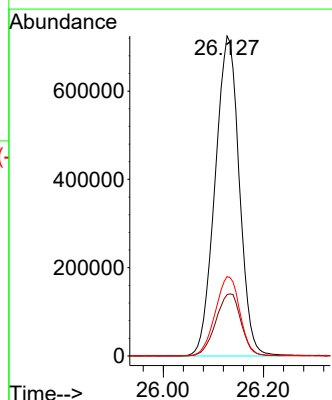
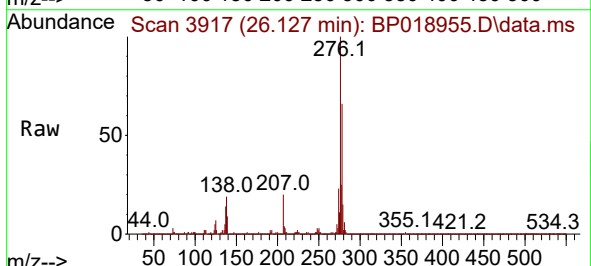
Tgt Ion:276 Resp: 2424699

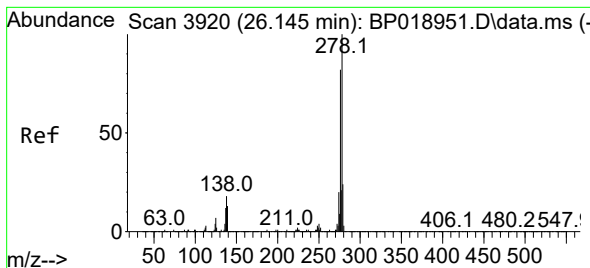
Ion Ratio Lower Upper

276 100

138 19.2 19.4 29.2#

277 24.8 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 30.741 ng/ul

RT: 26.145 min Scan# 3920

Delta R.T. -0.029 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Instrument :

BNA_P

ClientSampleId :

SLCS838

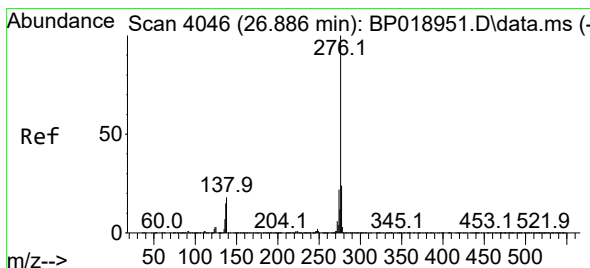
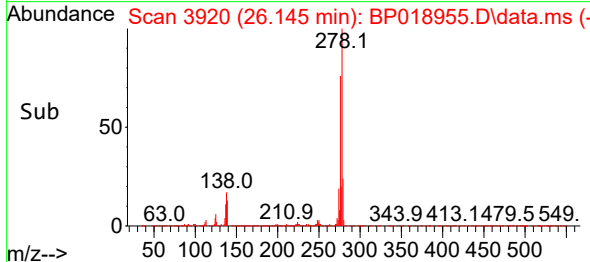
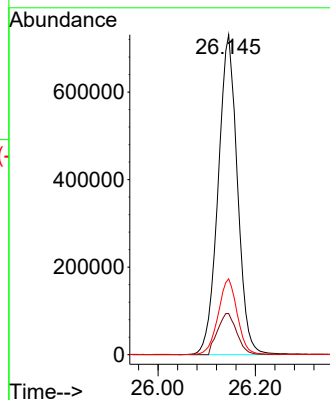
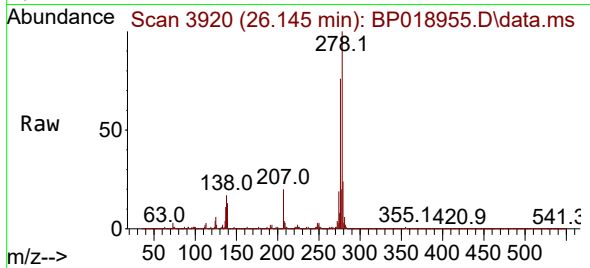
Tgt Ion:278 Resp: 2009877

Ion Ratio Lower Upper

278 100

139 12.9 13.0 19.6#

279 23.7 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 31.164 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. -0.029 min

Lab File: BP018955.D

Acq: 20 Dec 2023 11:44

Tgt Ion:276 Resp: 1971187

Ion Ratio Lower Upper

276 100

138 16.6 18.1 27.1#

277 23.8 19.4 29.0

