

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
 Data File : BP018954.D
 Acq On : 20 Dec 2023 11:10
 Operator : MA/JU
 Sample : PB157781BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS781

Quant Time: Dec 20 21:46:03 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	132981	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	501165	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	310107	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	703406	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	749628	20.000	ng/u1	-0.01
88) Perylene-d12	23.668	264	904943	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	21132	5.415	ng/uL	0.00
4) Pyridine-d5	3.669	84	281044	26.887	ng/u1	-0.01
7) Phenol-d5	7.004	99	352298	26.399	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	197364	24.953	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	277417	26.641	ng/u1	-0.01
15) 4-Methylphenol-d8	8.546	113	266945	24.717	ng/u1	-0.01
21) Nitrobenzene-d5	8.993	128	130357	29.225	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	147799	31.960	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	285496	30.191	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.769	131	348275	28.182	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	785376	28.376	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	915032	30.024	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	144795	31.871	ng/u1	-0.01
60) Fluorene-d10	15.457	176	695677	29.944	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	145243	34.437	ng/u1	-0.01
73) Anthracene-d10	17.310	188	1091934	29.528	ng/u1	0.00
81) Pyrene-d10	19.551	212	1401872	24.024	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	1624641	30.790	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	43233	10.103	ng/uL	95
5) Pyridine	3.687	79	294971	27.944	ng/u1	99
6) Benzaldehyde	6.969	77	175756	25.508	ng/u1	96
8) Phenol	7.028	94	374824	28.641	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.257	93	290856	27.061	ng/u1	99
12) 2-Chlorophenol	7.393	128	298212	28.296	ng/u1	96
13) 2-Methylphenol	8.275	108	270715	27.020	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.363	45	325733	23.885	ng/u1	98
16) Acetophenone	8.651	105	436235	27.103	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.640	70	205165	23.171	ng/u1	96
18) 4-Methylphenol	8.610	108	289052	26.420	ng/u1	97
19) Hexachloroethane	8.898	117	125669	29.086	ng/u1	89
22) Nitrobenzene	9.034	77	320051	29.511	ng/u1	98
23) Isophorone	9.557	82	592025	26.774	ng/u1	98
25) 2-Nitrophenol	9.740	139	161359	32.588	ng/u1	97
26) 2,4-Dimethylphenol	9.804	107	243863	25.182	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.045	93	367211	26.305	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	286743	31.481	ng/u1	98
30) Naphthalene	10.675	128	910977	29.964	ng/u1	100
32) 4-Chloroaniline	10.792	127	284531	24.157	ng/u1	98
33) Hexachlorobutadiene	10.951	225	216949	35.565	ng/u1	99
34) Caprolactam	11.575	113	88479	31.680	ng/u1	93
35) 4-Chloro-3-methylphenol	11.922	107	284658	27.898	ng/u1	98
36) 2-Methylnaphthalene	12.281	142	616455	28.621	ng/u1	99

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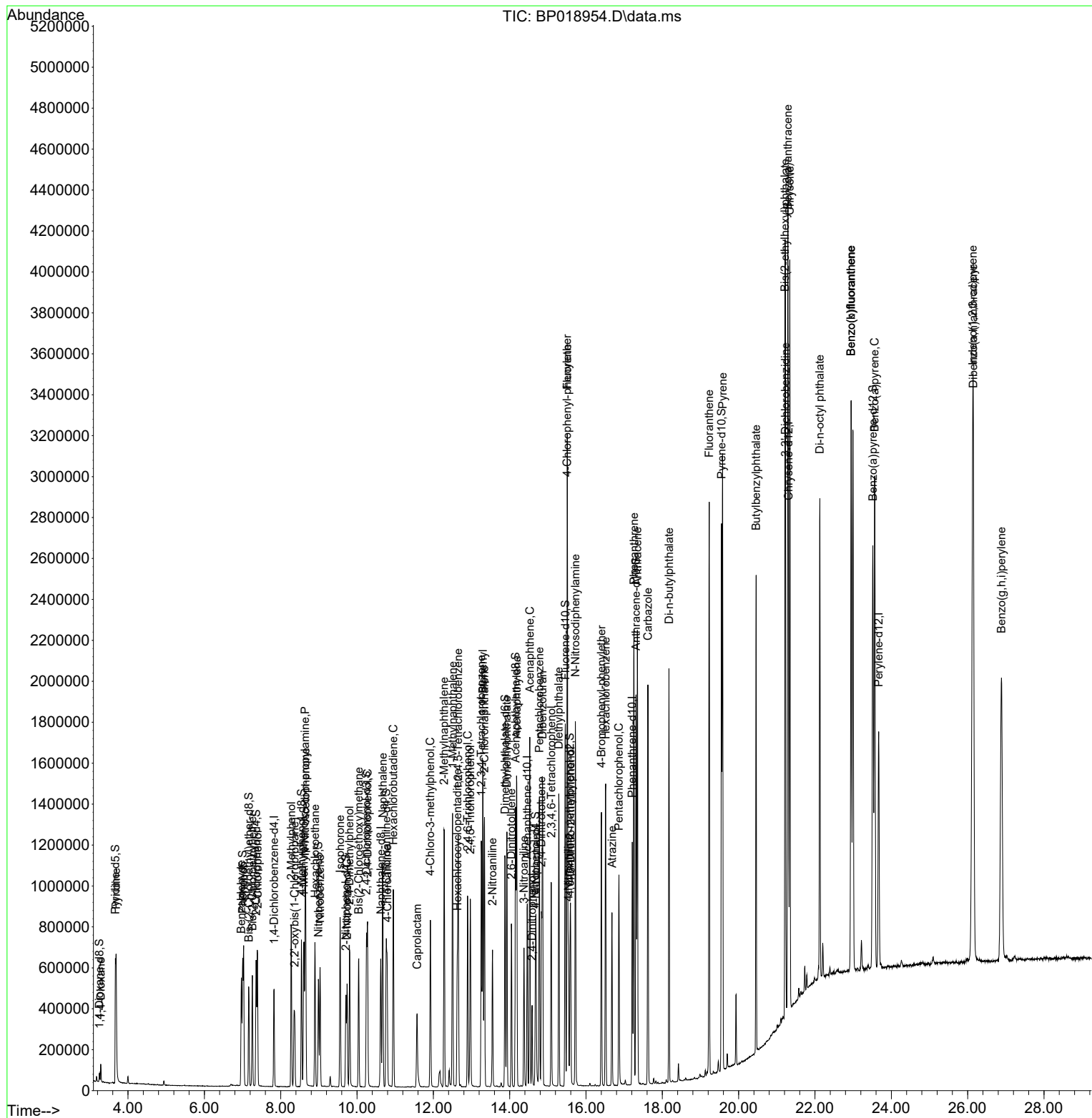
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 ClientSampleId :
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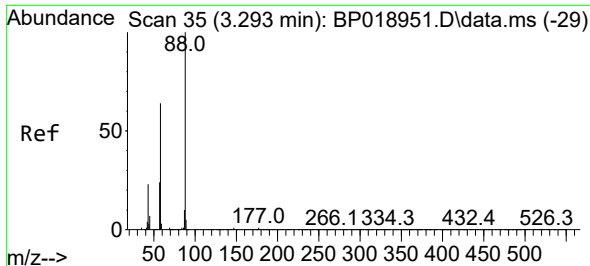
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 05:28:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	604660	27.799	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	385925	34.301	ng/ul	100
40) Hexachlorocyclopentadiene	12.628	237	163867	24.572	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.898	196	231516	31.987	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	259919	33.125	ng/ul	98
43) 1,1'-Biphenyl	13.298	154	814981	30.387	ng/ul	98
44) 2-Chloronaphthalene	13.339	162	668165	31.543	ng/ul	98
45) 2-Nitroaniline	13.551	65	173493	30.212	ng/ul	94
47) Dimethylphthalate	13.928	163	834447	30.628	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	169076	32.848	ng/ul	96
50) Acenaphthylene	14.186	152	1071590	31.273	ng/ul	99
51) 3-Nitroaniline	14.375	138	166422	32.389	ng/ul	97
52) Acenaphthene	14.528	153	700196	30.906	ng/ul	96
53) 2,4-Dinitrophenol	14.586	184	94508	34.644	ng/ul	93
55) 4-Nitrophenol	14.692	109	121253	35.326	ng/ul	92
56) Dibenzofuran	14.863	168	996023	31.632	ng/ul	99
57) 2,4-Dinitrotoluene	14.833	165	247594	34.196	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	217314	33.017	ng/ul	90
59) Diethylphthalate	15.286	149	810234	30.391	ng/ul	100
61) Fluorene	15.510	166	808924	32.466	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	432582	33.104	ng/ul	96
63) 4-Nitroaniline	15.539	138	181622	37.104	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.598	198	162451	36.026	ng/ul	91
67) N-Nitrosodiphenylamine	15.722	169	691705	29.676	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	280357	31.571	ng/ul	95
69) Hexachlorobenzene	16.516	284	333424	33.629	ng/ul	95
70) Atrazine	16.680	200	162708	23.480	ng/ul	96
71) Pentachlorophenol	16.863	266	192992	32.729	ng/ul	100
72) Phenanthrene	17.257	178	1353699	31.865	ng/ul	99
74) Anthracene	17.345	178	1338384	31.430	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	386540	31.781	ng/ul	99
76) Pentachlorobenzene	14.780	250	389812	32.628	ng/ul	99
77) Carbazole	17.622	167	1239071	36.509	ng/ul	99
78) Di-n-butylphthalate	18.174	149	1388181	30.718	ng/ul	100
80) Fluoranthene	19.227	202	1698715	24.628	ng/ul	96
82) Pyrene	19.580	202	1790320	25.729	ng/ul#	93
83) Butylbenzylphthalate	20.457	149	670321	26.314	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.227	252	651149	35.745	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1927909	31.685	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	963717	27.525	ng/ul#	99
87) Chrysene	21.339	228	1784332	31.845	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1720392	26.038	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2023288	30.324	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	2023288	31.341	ng/ul	98
93) Benzo(a)pyrene	23.562	252	1940372	31.827	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.133	276	2503810	34.373	ng/ul	95
95) Dibenzo(a,h)anthracene	26.150	278	2075945	34.259	ng/ul#	96
96) Benzo(g,h,i)perylene	26.886	276	2028392	34.602	ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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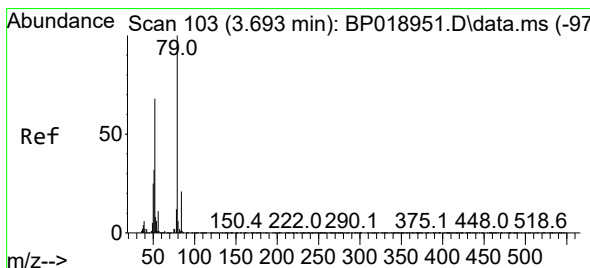
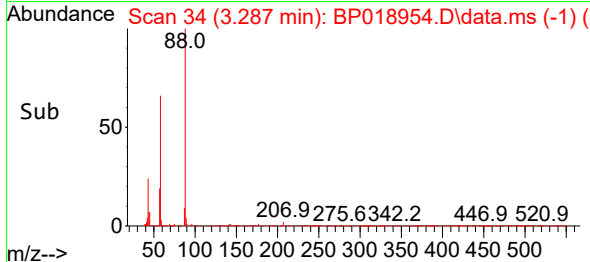
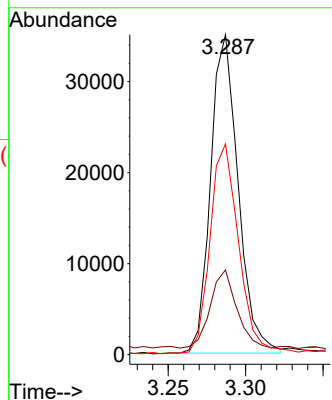
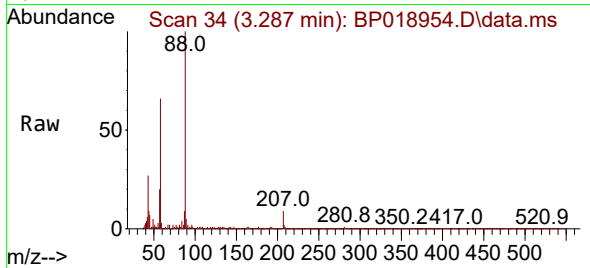




#2
1,4-Dioxane
Concen: 10.103 ng/uL
RT: 3.287 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP018954.D
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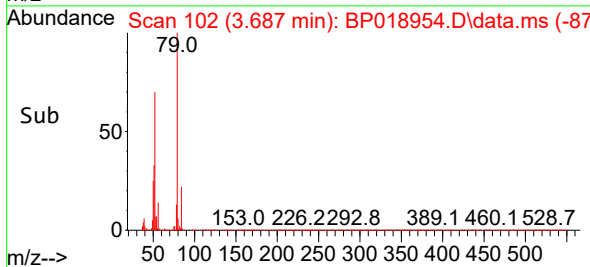
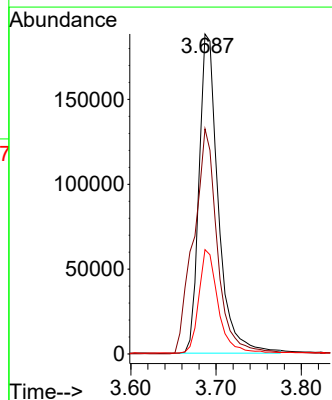
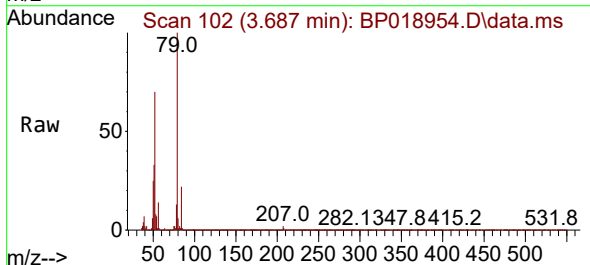
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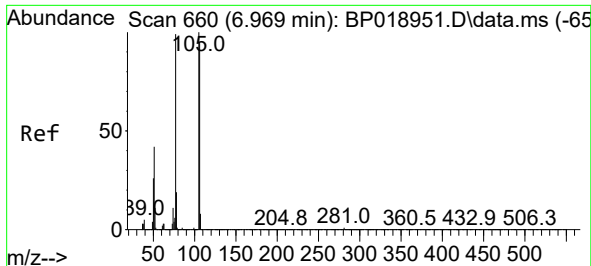
Tgt Ion: 88 Resp: 43233
Ion Ratio Lower Upper
88 100
43 26.5 21.8 32.6
58 65.9 56.5 84.7



#5
Pyridine
Concen: 27.944 ng/uL
RT: 3.687 min Scan# 102
Delta R.T. -0.012 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion: 79 Resp: 294971
Ion Ratio Lower Upper
79 100
52 70.4 57.4 86.0
51 32.6 26.2 39.4

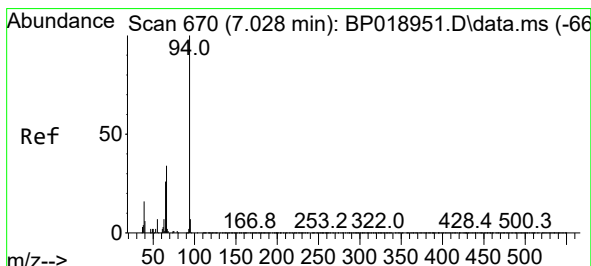
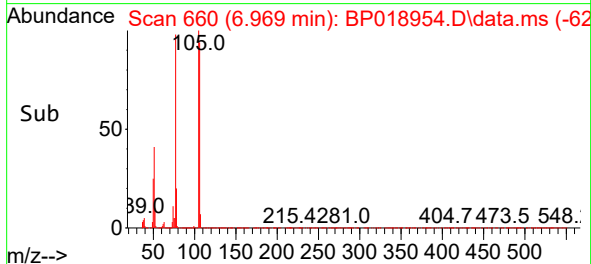
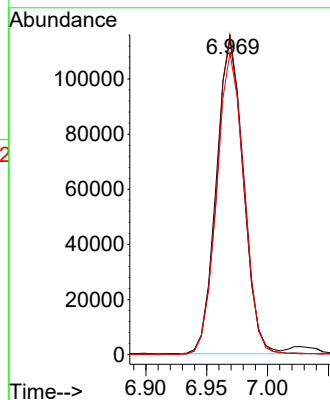
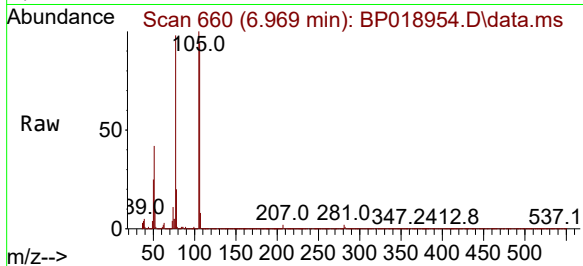




#6
Benzaldehyde
Concen: 25.508 ng/ul
RT: 6.969 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

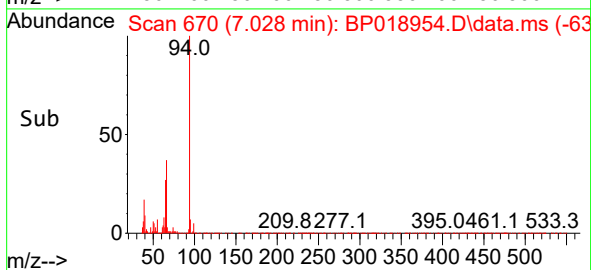
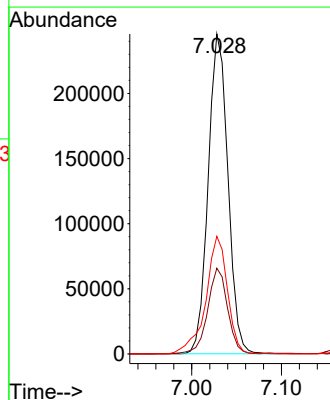
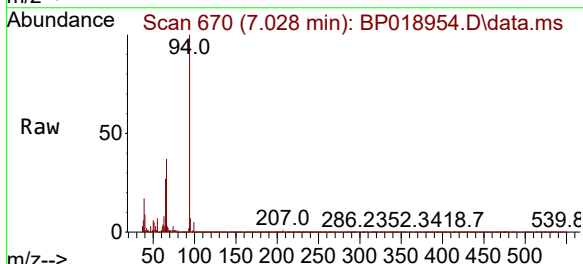
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ClientSampleId :
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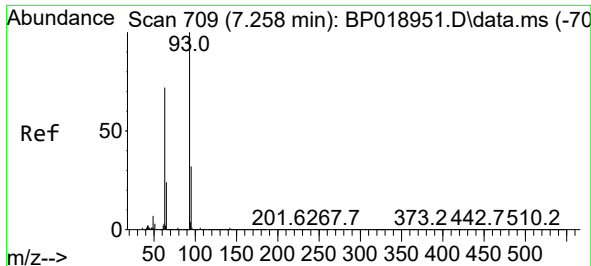
Tgt Ion: 77 Resp: 175756
Ion Ratio Lower Upper
77 100
105 101.7 77.9 116.9
106 95.9 74.6 111.8



#8
Phenol
Concen: 28.641 ng/ul
RT: 7.028 min Scan# 670
Delta R.T. -0.012 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion: 94 Resp: 374824
Ion Ratio Lower Upper
94 100
65 26.8 21.0 31.6
66 36.8 28.6 43.0

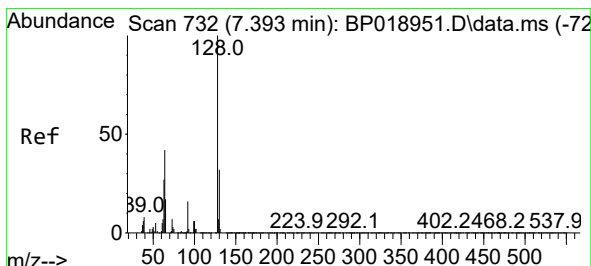
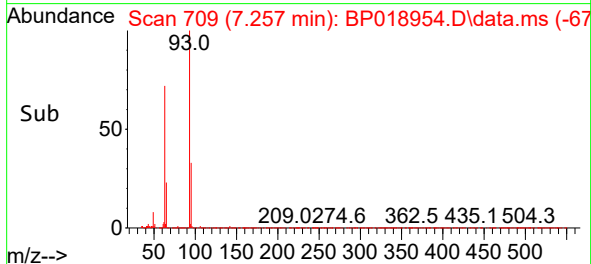
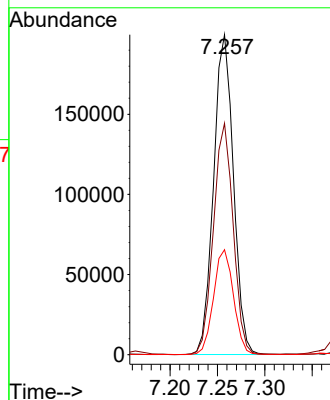
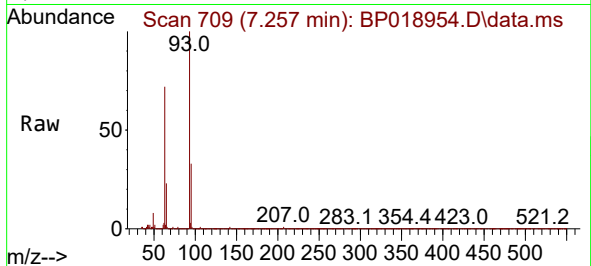




#10
 Bis(2-Chloroethyl)ether
 Concen: 27.061 ng/ul
 RT: 7.257 min Scan# 709
 Delta R.T. -0.006 min
 Lab File: BP018954.D
 Acq: 20 Dec 2023 11:10

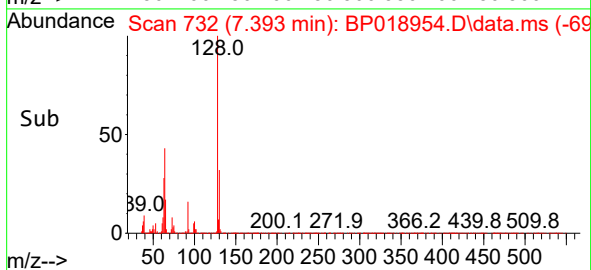
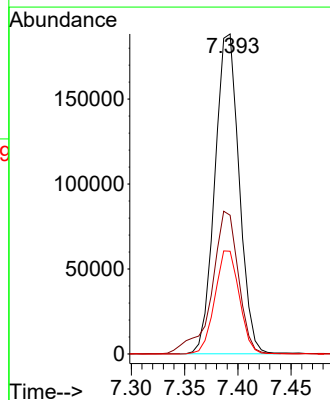
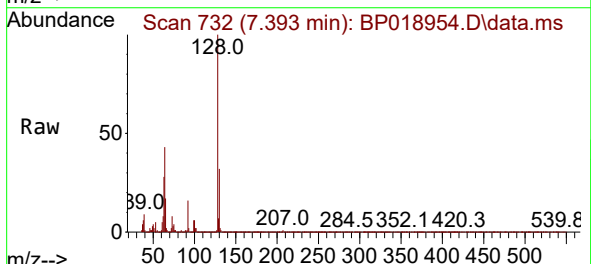
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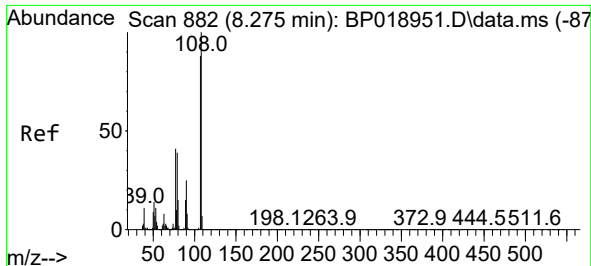
Tgt Ion: 93 Resp: 290856
 Ion Ratio Lower Upper
 93 100
 63 72.3 58.3 87.5
 95 32.8 25.9 38.9



#12
 2-Chlorophenol
 Concen: 28.296 ng/ul
 RT: 7.393 min Scan# 732
 Delta R.T. -0.006 min
 Lab File: BP018954.D
 Acq: 20 Dec 2023 11:10

Tgt Ion:128 Resp: 298212
 Ion Ratio Lower Upper
 128 100
 64 43.3 37.0 55.4
 130 32.1 26.8 40.2





#13

2-Methylphenol

Concen: 27.020 ng/ul

RT: 8.275 min Scan# 882

Delta R.T. -0.012 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Instrument :

BNA_P

ClientSampleId :

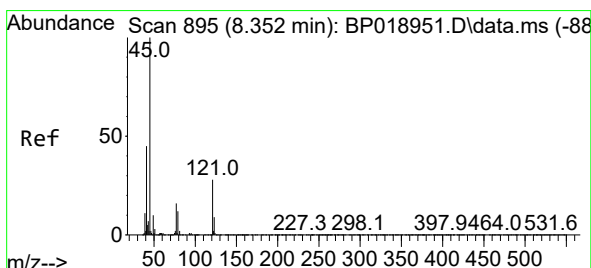
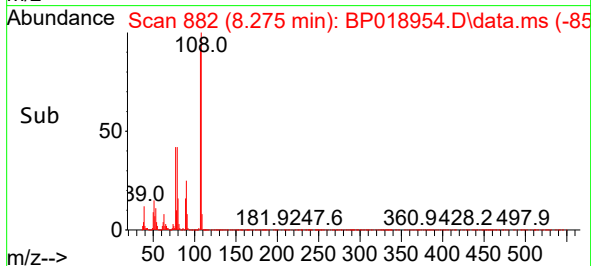
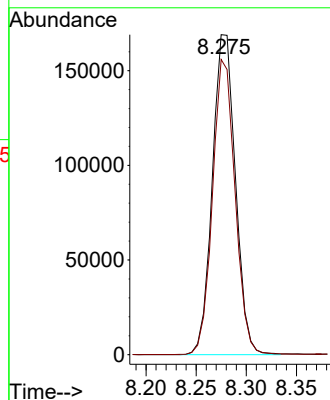
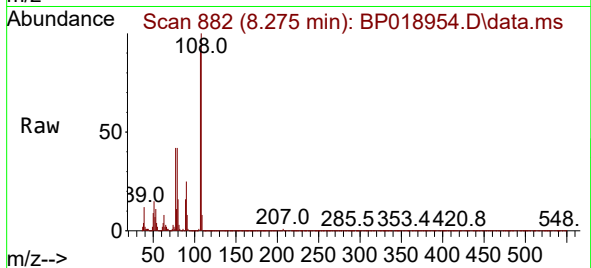
SLCS781

Tgt Ion:108 Resp: 270715

Ion Ratio Lower Upper

108 100

107 92.2 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 23.885 ng/ul

RT: 8.363 min Scan# 897

Delta R.T. 0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

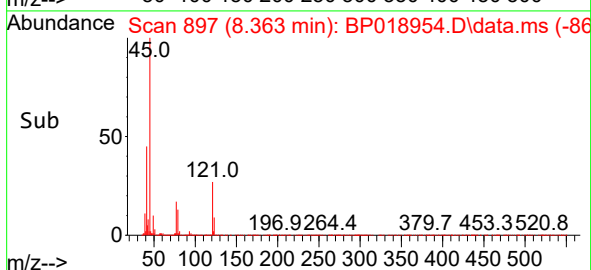
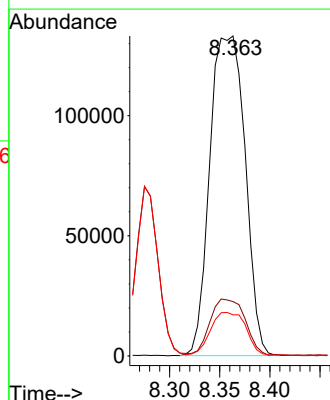
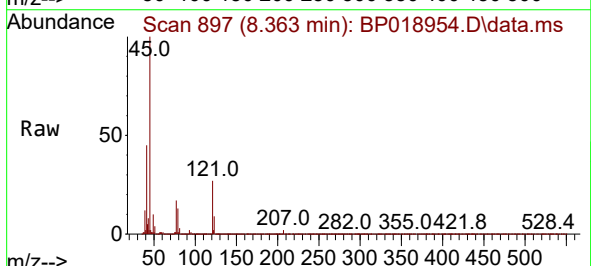
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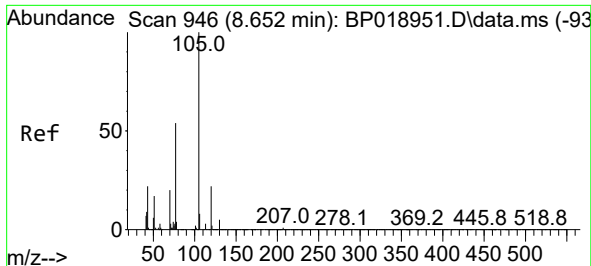
Ion Ratio Lower Upper

45 100

77 17.0 12.7 19.1

79 12.9 10.5 15.7

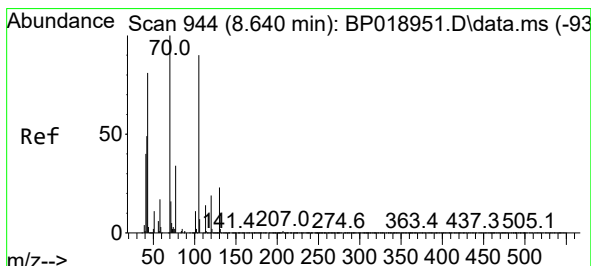
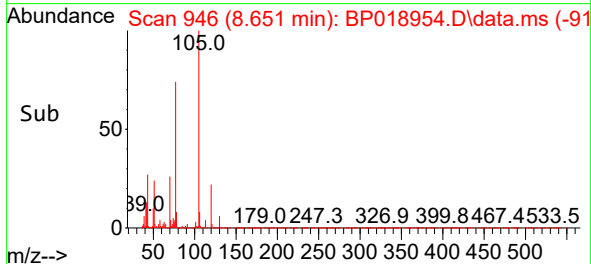
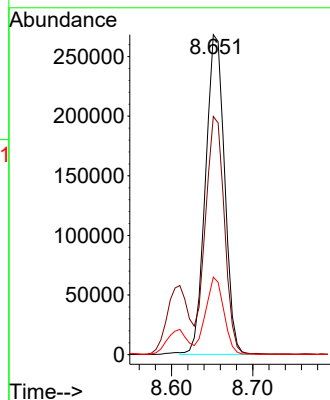
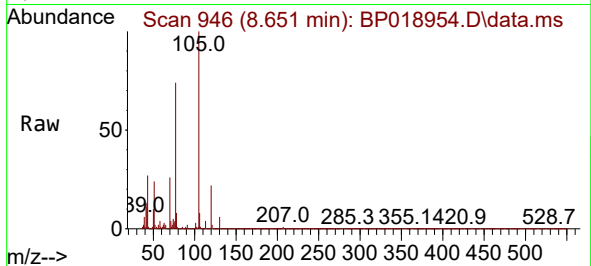




#16
Acetophenone
Concen: 27.103 ng/ul
RT: 8.651 min Scan# 946
Delta R.T. -0.012 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

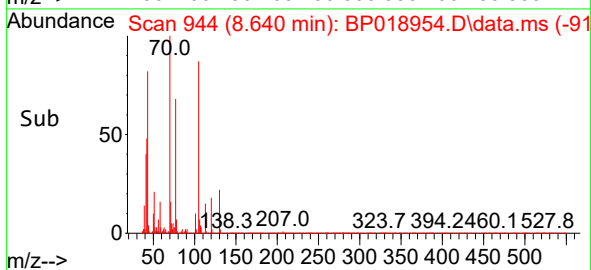
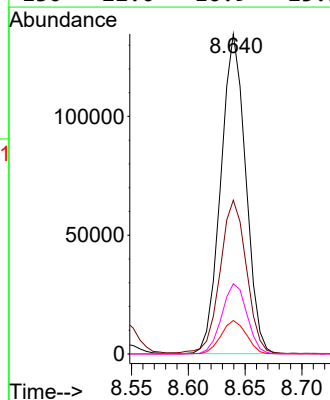
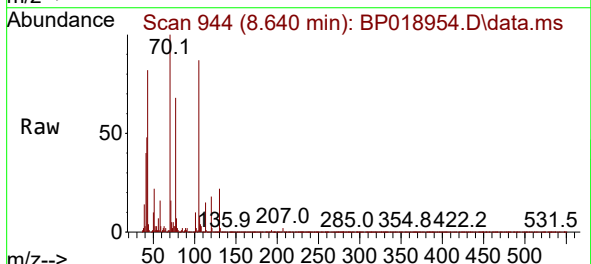
Instrument :
BNA_P
ClientSampleId :
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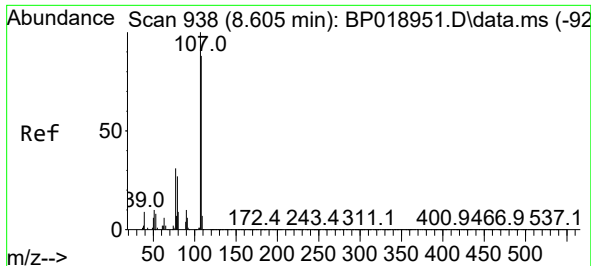
Tgt Ion:105 Resp: 436235
Ion Ratio Lower Upper
105 100
77 74.5 59.4 89.0
51 24.2 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 23.171 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion: 70 Resp: 205165
Ion Ratio Lower Upper
70 100
42 48.1 41.0 61.4
101 10.5 7.8 11.8
130 22.0 16.9 25.3

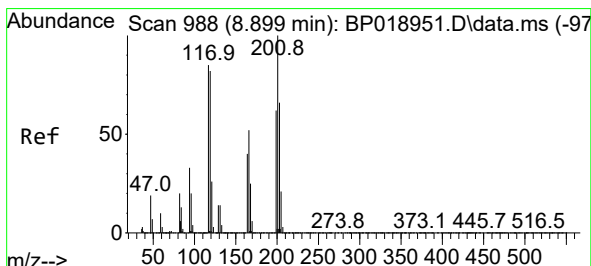
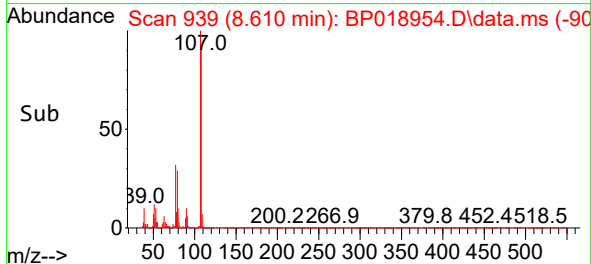
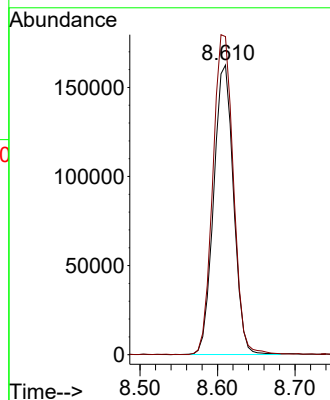
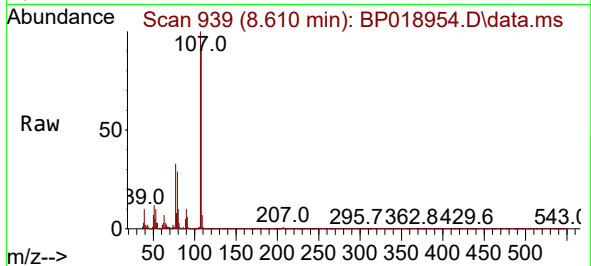




#18
4-Methylphenol
Concen: 26.420 ng/ul
RT: 8.610 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

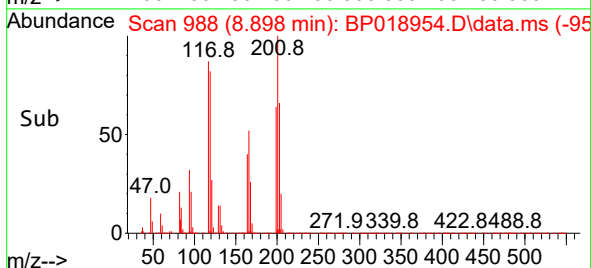
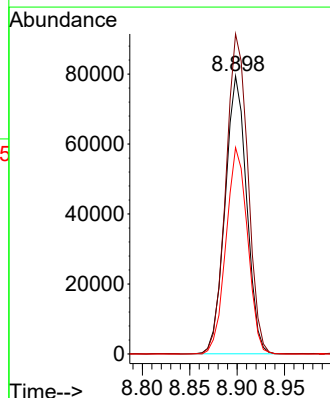
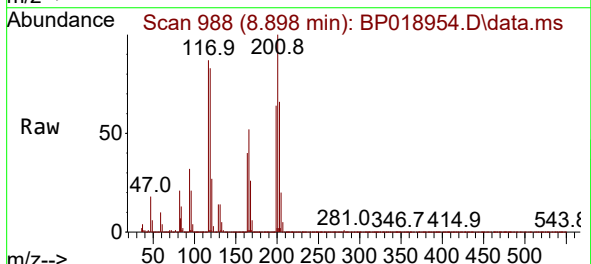
Instrument :
BNA_P
ClientSampleId :
SLCS781

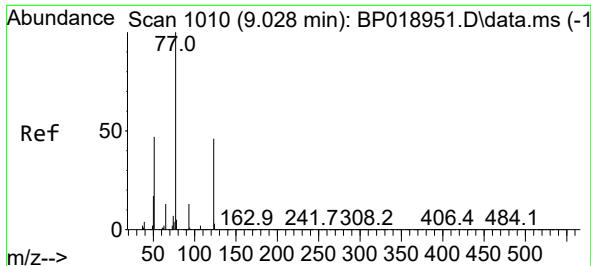
Tgt Ion:108 Resp: 289052
Ion Ratio Lower Upper
108 100
107 109.8 90.6 136.0



#19
Hexachloroethane
Concen: 29.086 ng/ul
RT: 8.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:117 Resp: 125669
Ion Ratio Lower Upper
117 100
201 115.1 83.7 125.5
199 74.3 52.3 78.5

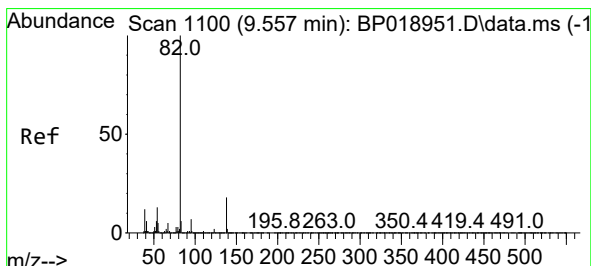
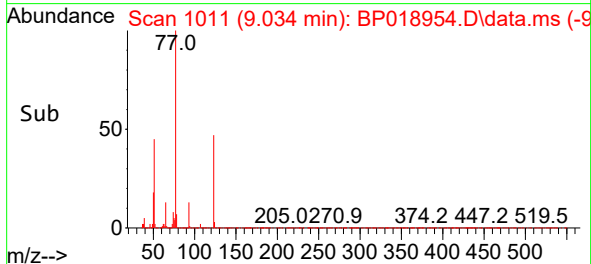
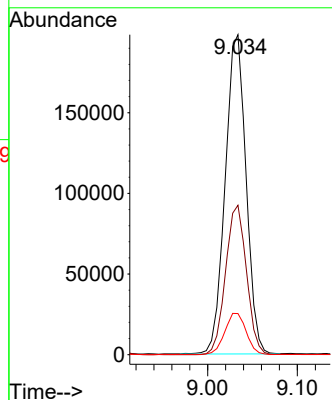
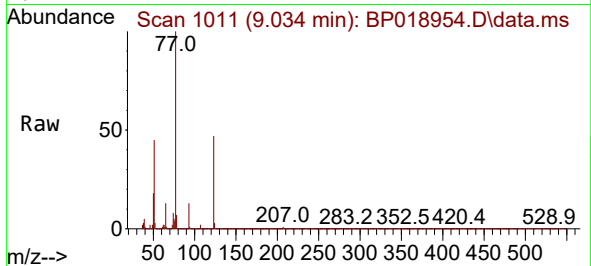




#22
Nitrobenzene
Concen: 29.511 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

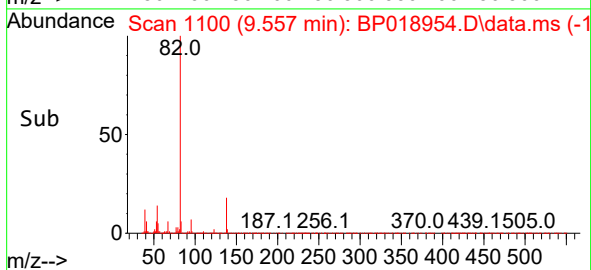
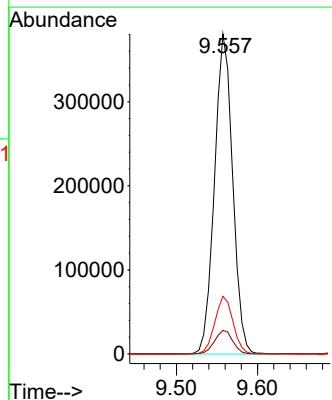
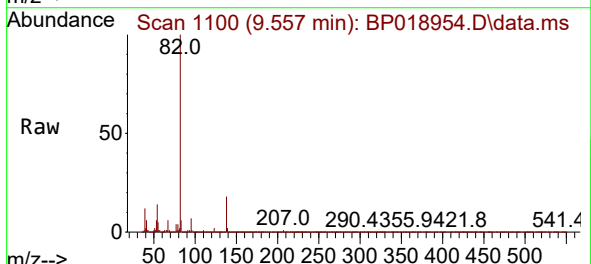
Instrument :
BNA_P
ClientSampleId :
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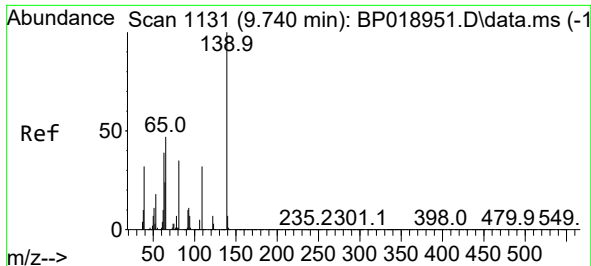
Tgt Ion: 77 Resp: 320051
Ion Ratio Lower Upper
77 100
123 46.7 35.8 53.8
65 12.9 10.5 15.7



#23
Isophorone
Concen: 26.774 ng/ul
RT: 9.557 min Scan# 1100
Delta R.T. -0.012 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion: 82 Resp: 592025
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 18.0 13.5 20.3

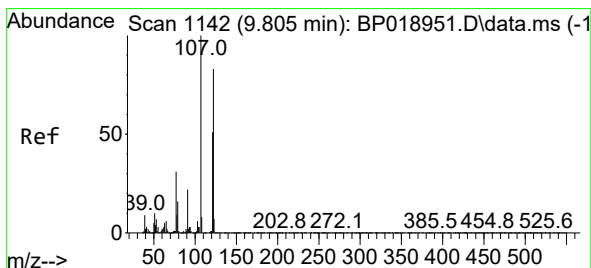
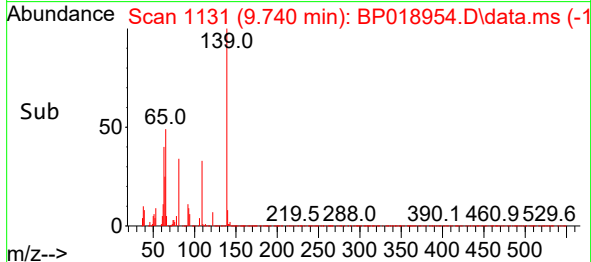
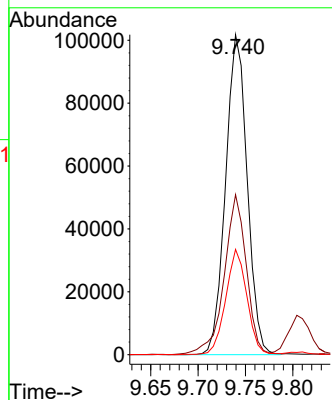
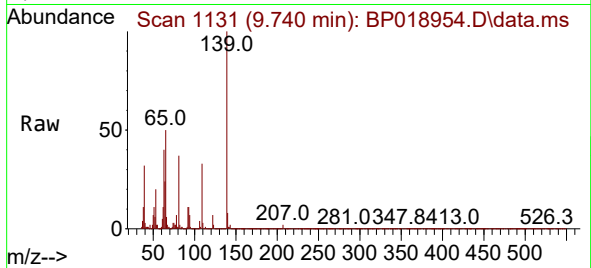




#25
2-Nitrophenol
Concen: 32.588 ng/ul
RT: 9.740 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

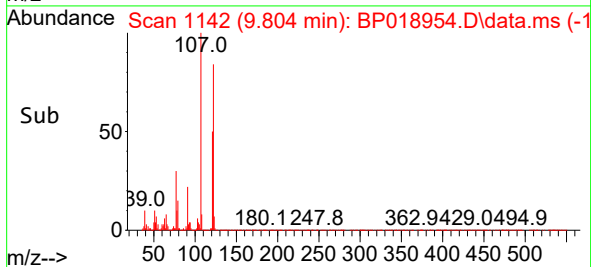
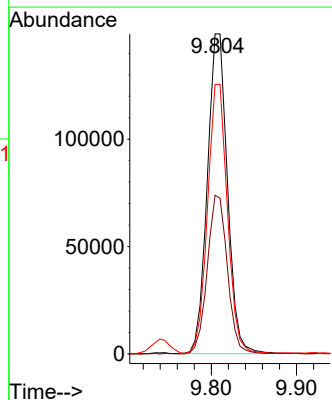
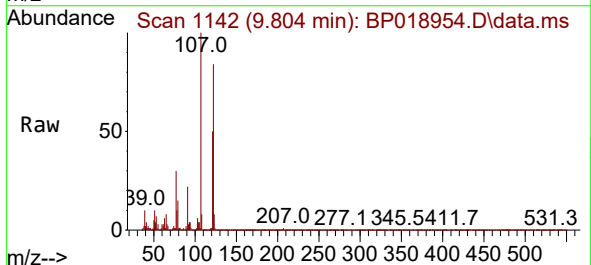
Instrument :
BNA_P
ClientSampleId :
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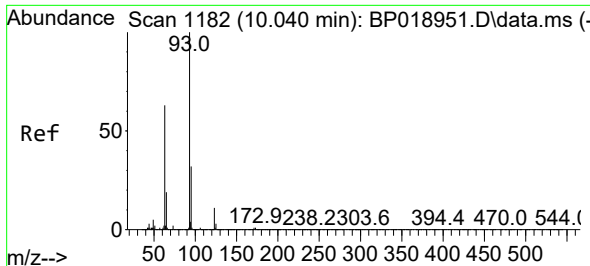
Tgt Ion:139 Resp: 161359
Ion Ratio Lower Upper
139 100
65 50.0 39.1 58.7
109 32.9 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 25.182 ng/ul
RT: 9.804 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:107 Resp: 243863
Ion Ratio Lower Upper
107 100
121 49.6 40.0 60.0
122 84.2 69.1 103.7

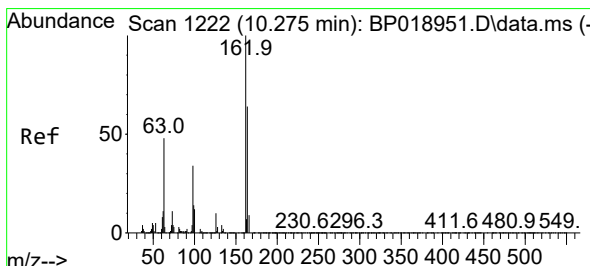
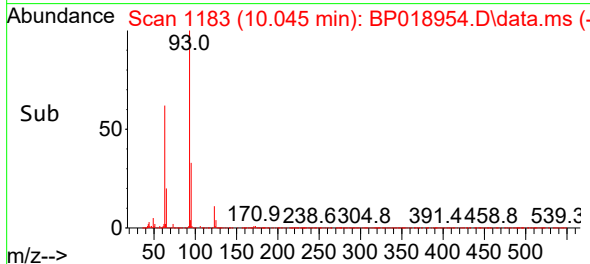
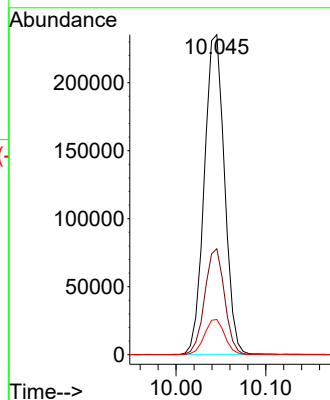
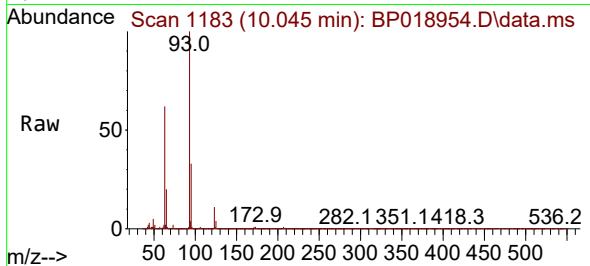




#27
 Bis(2-Chloroethoxy)methane
 Concen: 26.305 ng/ul
 RT: 10.045 min Scan# 1182
 Delta R.T. -0.006 min
 Lab File: BP018954.D
 Acq: 20 Dec 2023 11:10

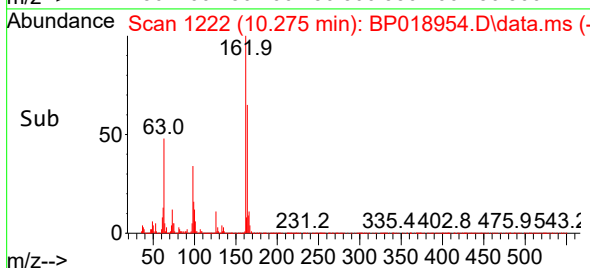
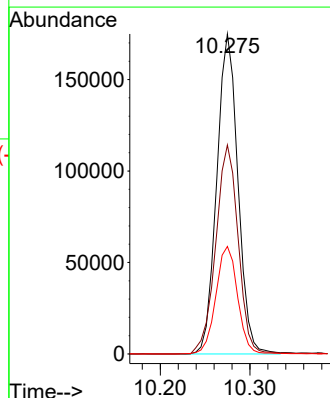
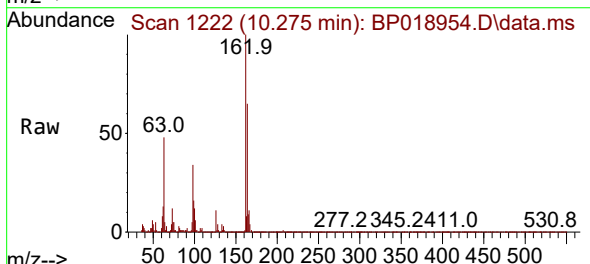
Instrument :
 BNA_P
 ClientSampleId :
 SLCS781

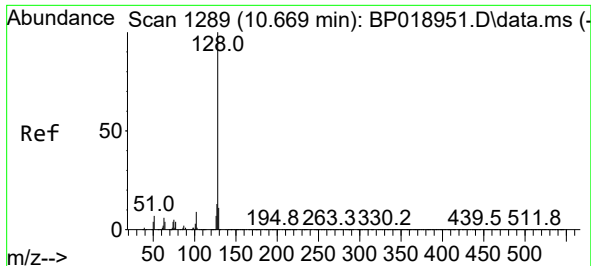
Tgt Ion: 93 Resp: 367211
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.1 39.1
 123 11.0 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 31.481 ng/ul
 RT: 10.275 min Scan# 1222
 Delta R.T. -0.012 min
 Lab File: BP018954.D
 Acq: 20 Dec 2023 11:10

Tgt Ion: 162 Resp: 286743
 Ion Ratio Lower Upper
 162 100
 164 65.3 51.7 77.5
 98 33.6 29.2 43.8

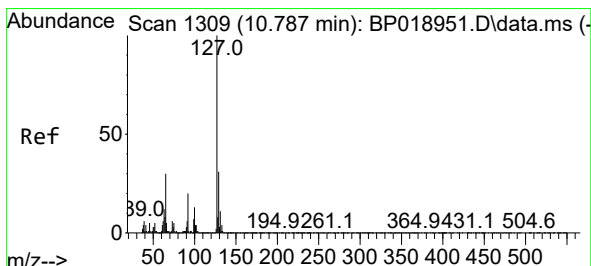
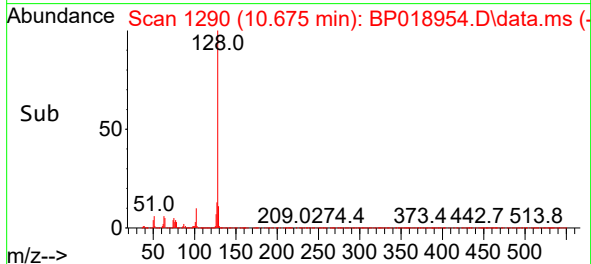
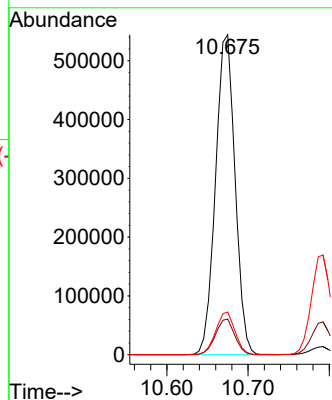
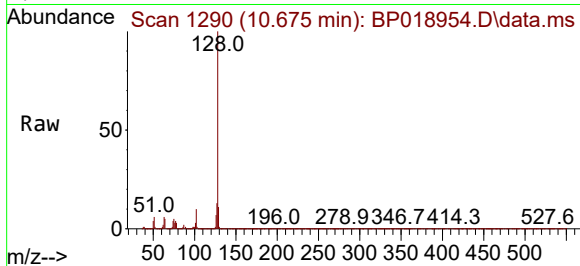




#30
Naphthalene
Concen: 29.964 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

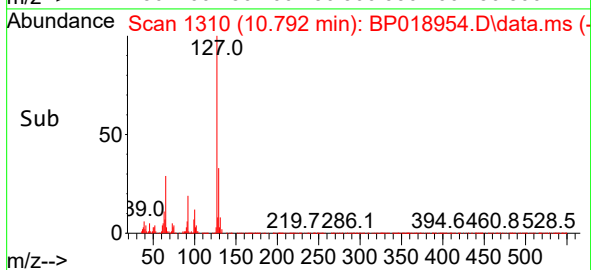
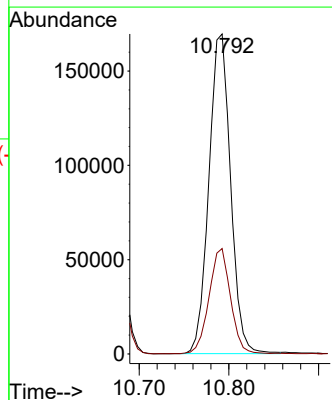
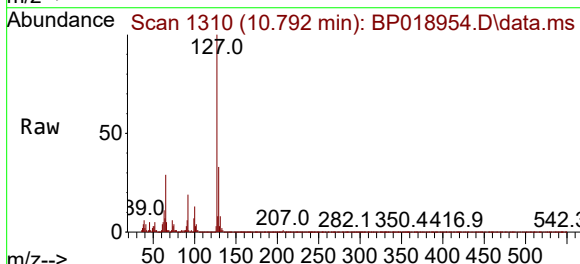
Instrument :
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ClientSampleId :
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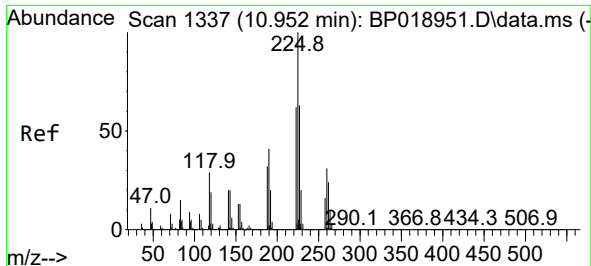
Tgt Ion:128 Resp: 910977
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.5 15.7



#32
4-Chloroaniline
Concen: 24.157 ng/ul
RT: 10.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:127 Resp: 284531
Ion Ratio Lower Upper
127 100
129 33.0 25.6 38.4

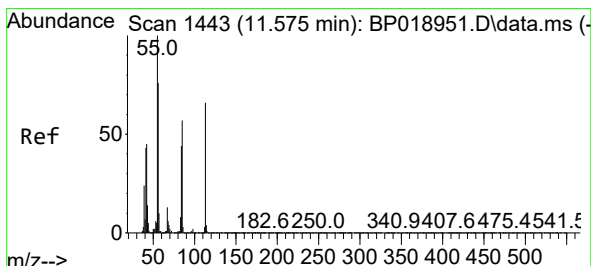
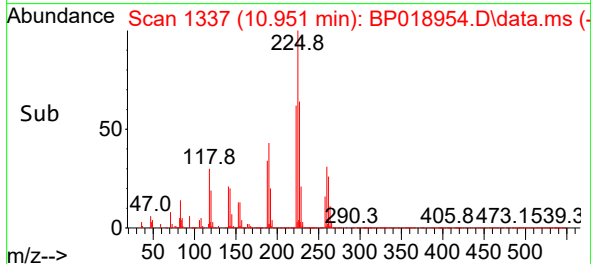
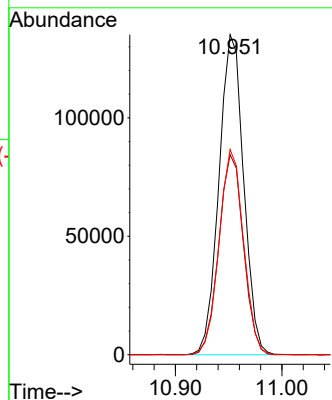
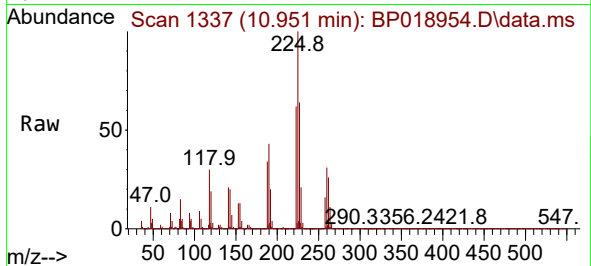




#33
Hexachlorobutadiene
Concen: 35.565 ng/ul
RT: 10.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

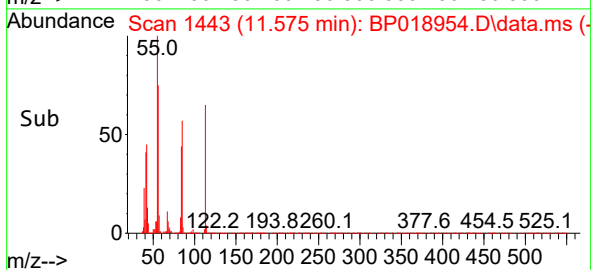
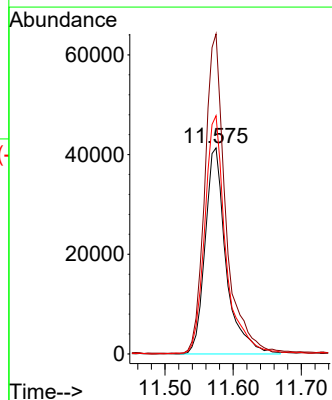
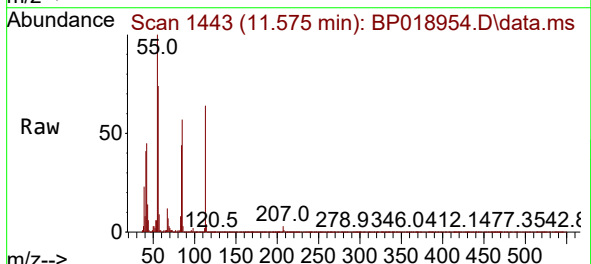
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ClientSampleId :
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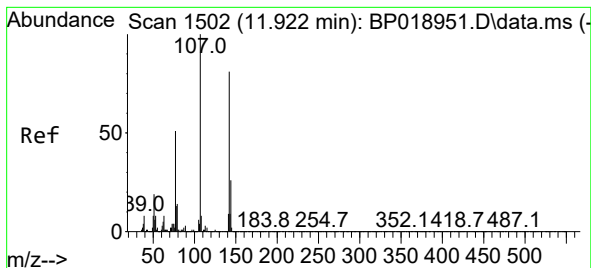
Tgt Ion:225 Resp: 216949
Ion Ratio Lower Upper
225 100
223 62.5 49.5 74.3
227 64.1 50.9 76.3



#34
Caprolactam
Concen: 31.680 ng/ul
RT: 11.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:113 Resp: 88479
Ion Ratio Lower Upper
113 100
55 155.2 133.7 200.5
56 115.6 97.4 146.2

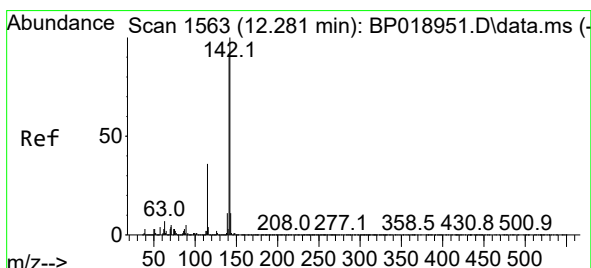
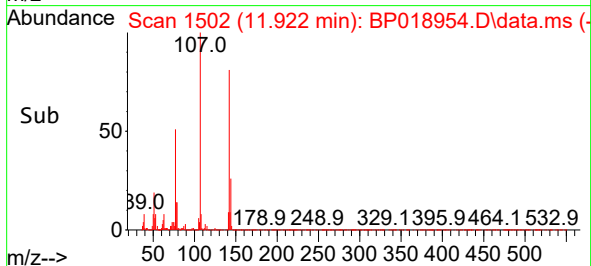
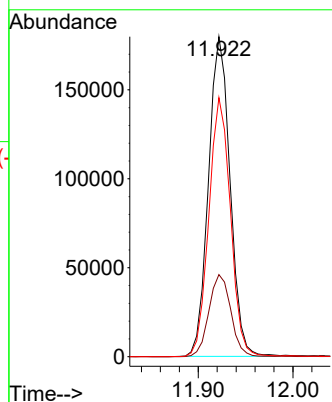
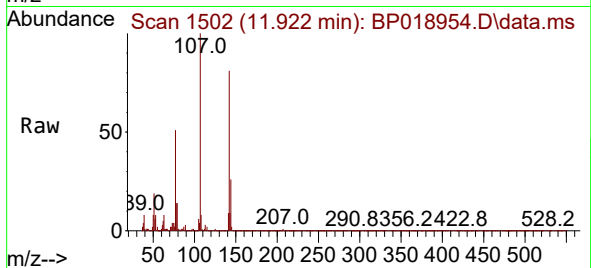




#35
4-Chloro-3-methylphenol
Concen: 27.898 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

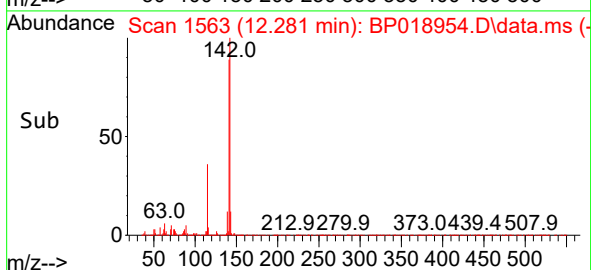
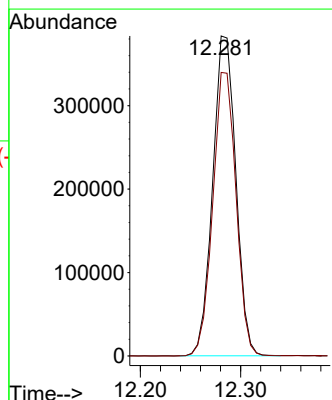
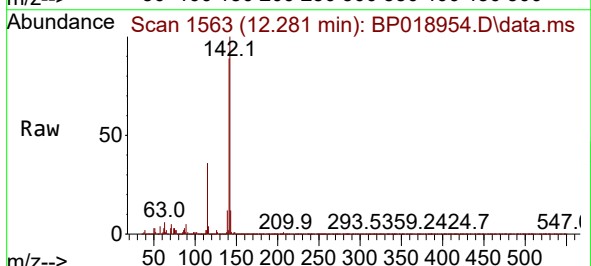
Instrument :
BNA_P
ClientSampleId :
SLCS781

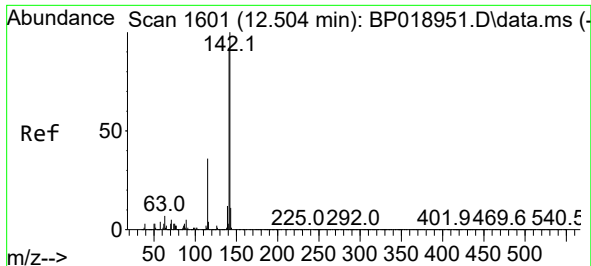
Tgt Ion:107 Resp: 284658
Ion Ratio Lower Upper
107 100
144 25.6 21.0 31.6
142 80.9 63.6 95.4



#36
2-Methylnaphthalene
Concen: 28.621 ng/ul
RT: 12.281 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:142 Resp: 616455
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0

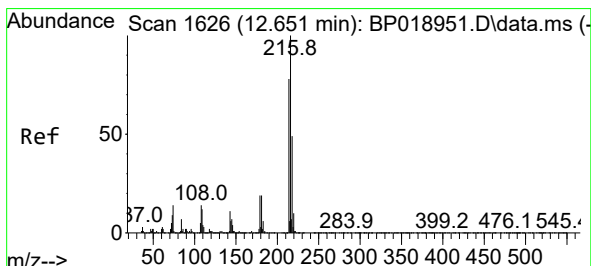
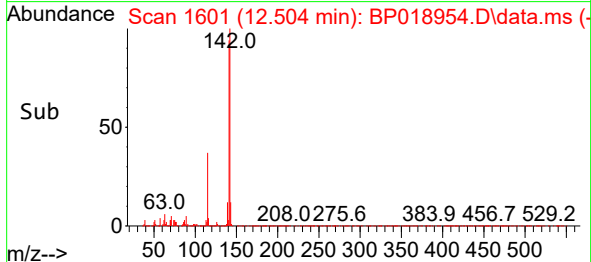
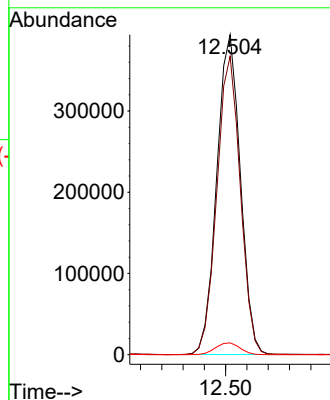
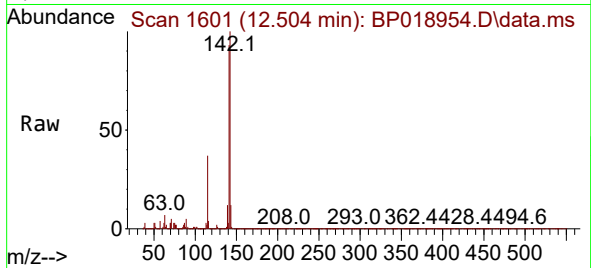




#37
1-Methylnaphthalene
Concen: 27.799 ng/ul
RT: 12.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

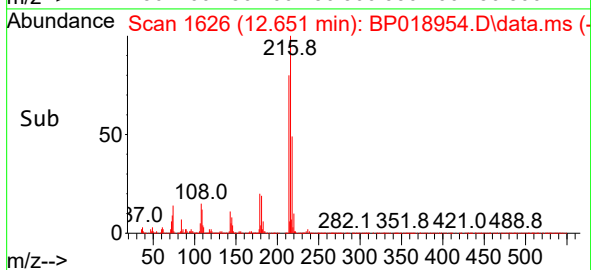
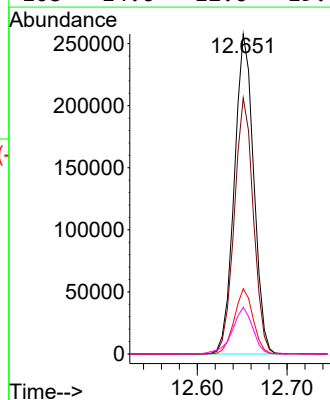
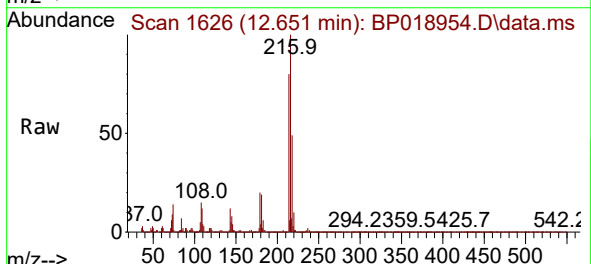
Instrument :
BNA_P
ClientSampleId :
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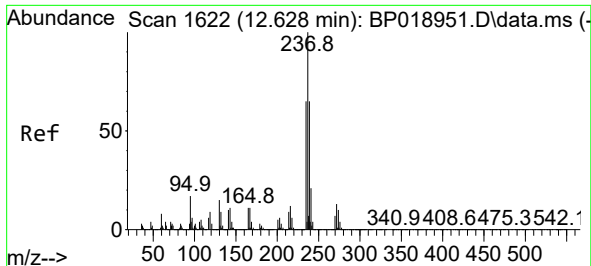
Tgt Ion:142 Resp: 604660
Ion Ratio Lower Upper
142 100
141 93.3 73.5 110.3
116 3.7 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.301 ng/ul
RT: 12.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:216 Resp: 385925
Ion Ratio Lower Upper
216 100
214 80.0 63.9 95.9
179 20.4 16.3 24.5
108 14.6 12.6 19.0

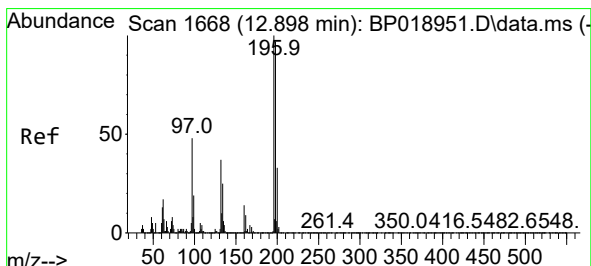
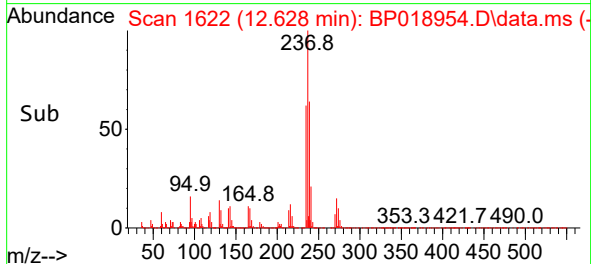
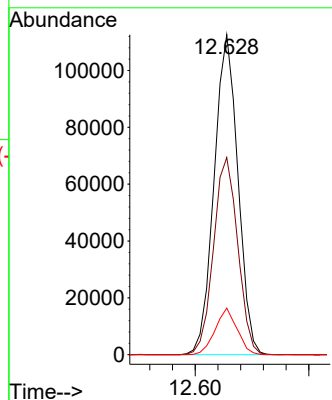
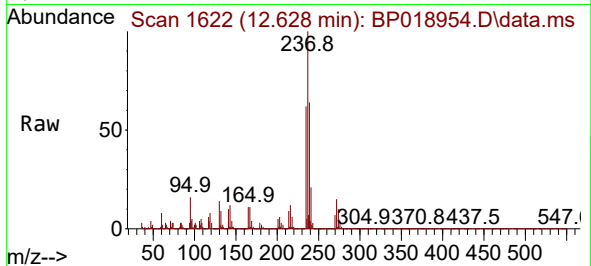




#40
Hexachlorocyclopentadiene
Concen: 24.572 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

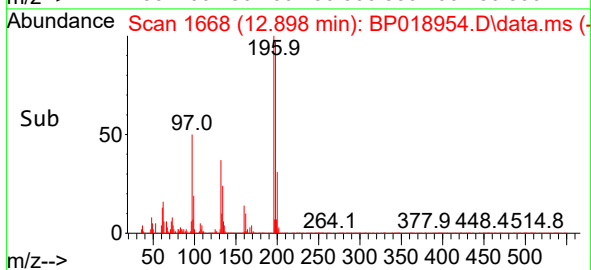
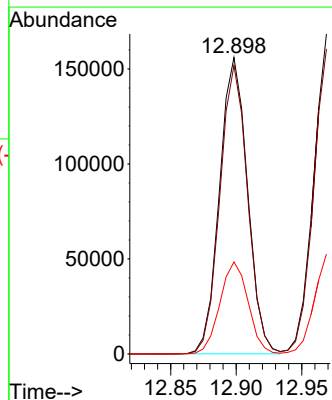
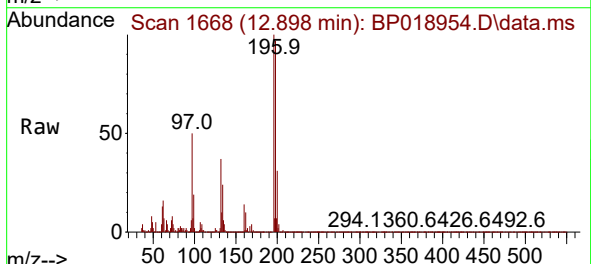
Instrument :
BNA_P
ClientSampleId :
SLCS781

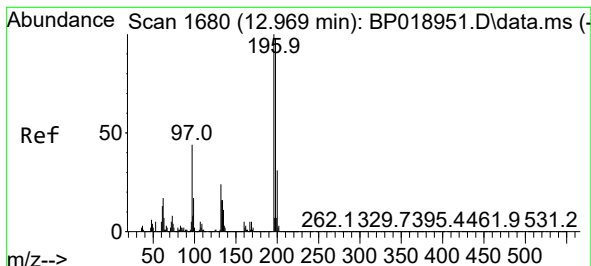
Tgt Ion:237 Resp: 163867
Ion Ratio Lower Upper
237 100
235 61.6 49.4 74.0
272 15.4 9.8 14.8#



#41
2,4,6-Trichlorophenol
Concen: 31.987 ng/ul
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:196 Resp: 231516
Ion Ratio Lower Upper
196 100
198 97.3 76.9 115.3
200 31.0 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 33.125 ng/ul

RT: 12.969 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Instrument :

BNA_P

ClientSampleId :

SLCS781

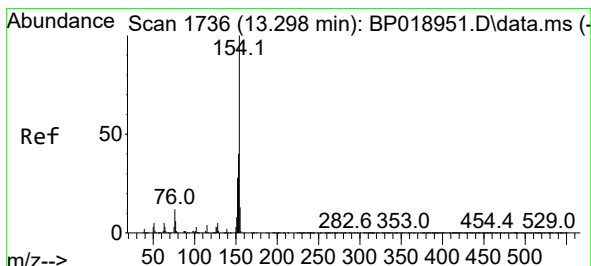
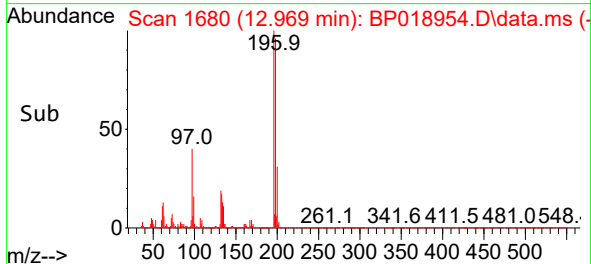
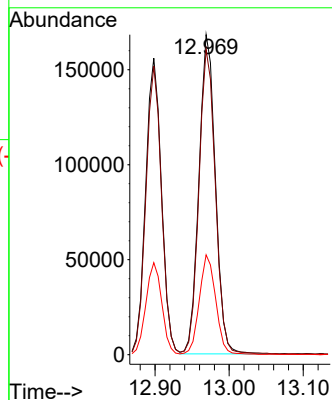
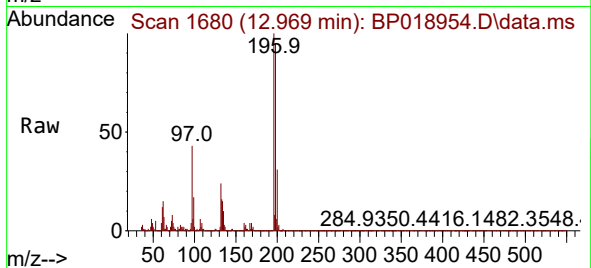
Tgt Ion:196 Resp: 259919

Ion Ratio Lower Upper

196 100

198 95.3 77.9 116.9

200 31.2 25.2 37.8



#43

1,1'-Biphenyl

Concen: 30.387 ng/ul

RT: 13.298 min Scan# 1736

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

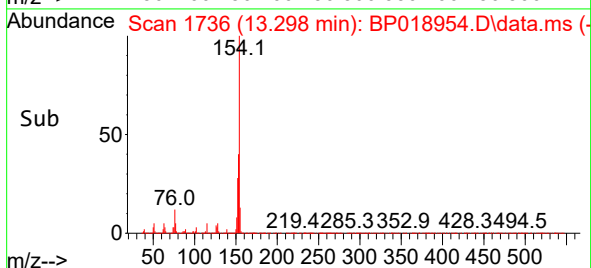
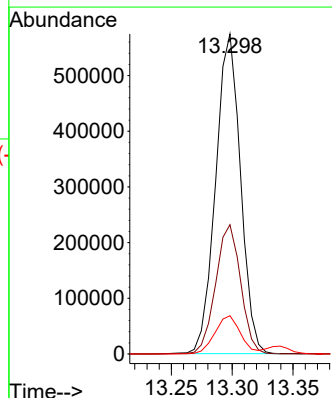
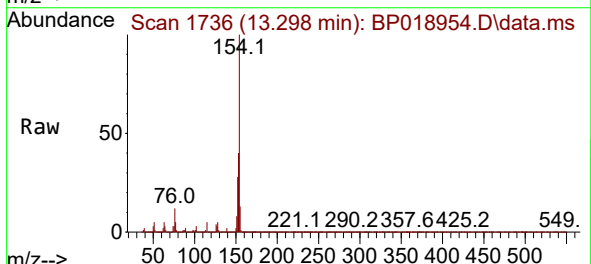
Tgt Ion:154 Resp: 814981

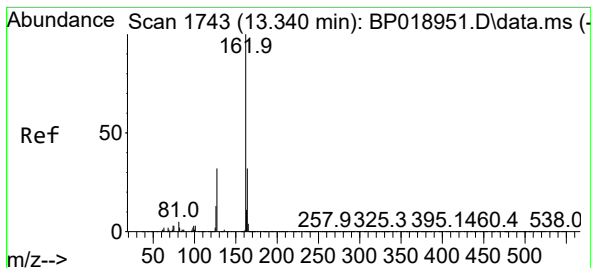
Ion Ratio Lower Upper

154 100

153 40.4 32.8 49.2

76 11.9 10.7 16.1





#44

2-Chloronaphthalene

Concen: 31.543 ng/ul

RT: 13.339 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Instrument :

BNA_P

ClientSampleId :

SLCS781

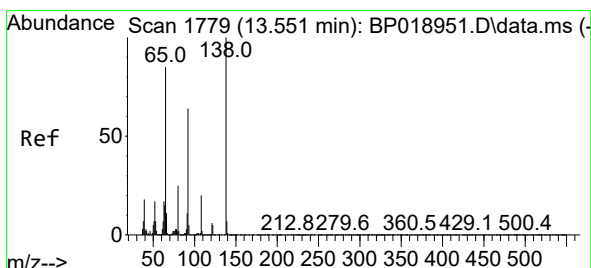
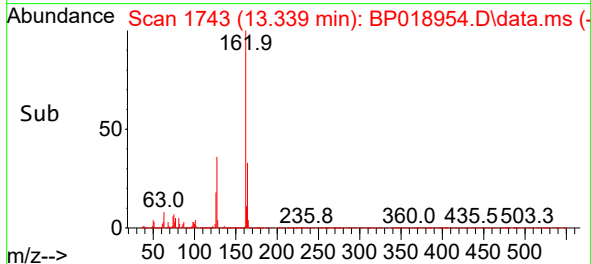
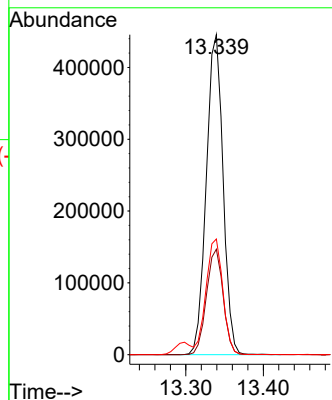
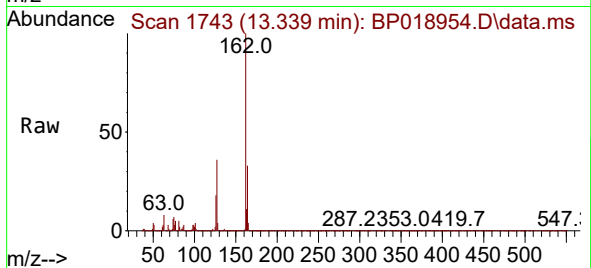
Tgt Ion:162 Resp: 668165

Ion Ratio Lower Upper

162 100

164 33.0 25.7 38.5

127 36.1 30.3 45.5



#45

2-Nitroaniline

Concen: 30.212 ng/ul

RT: 13.551 min Scan# 1779

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

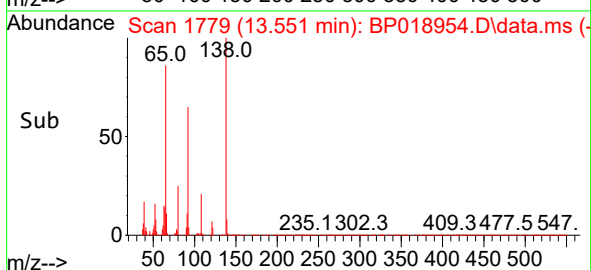
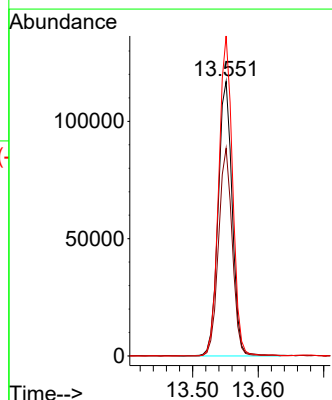
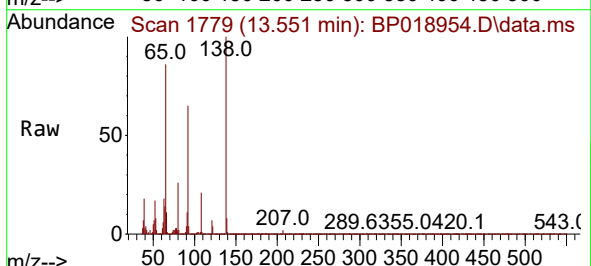
Tgt Ion: 65 Resp: 173493

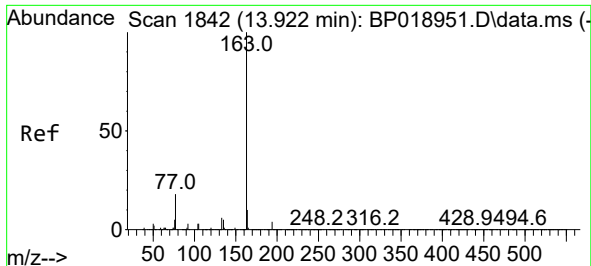
Ion Ratio Lower Upper

65 100

92 75.6 56.9 85.3

138 116.5 88.2 132.2

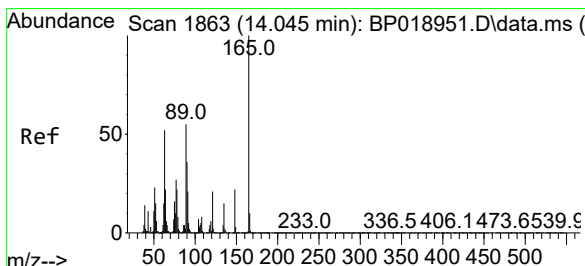
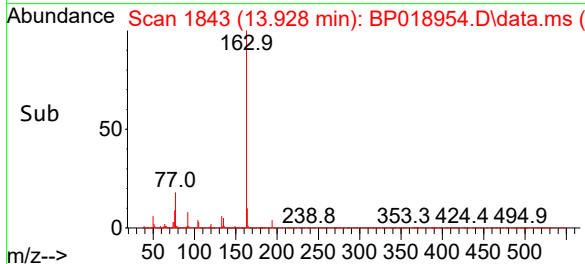
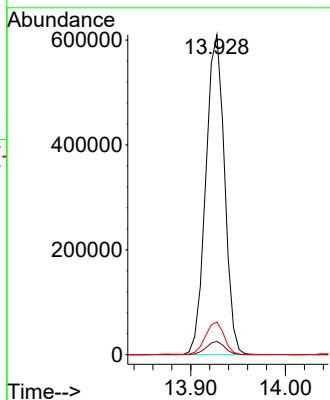
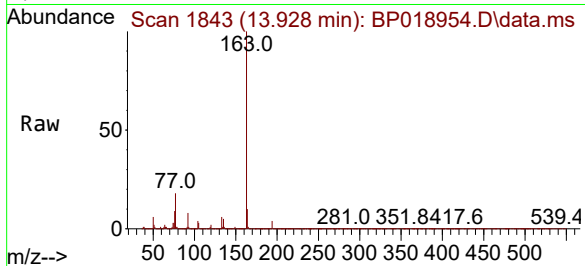




#47
Dimethylphthalate
Concen: 30.628 ng/ul
RT: 13.928 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

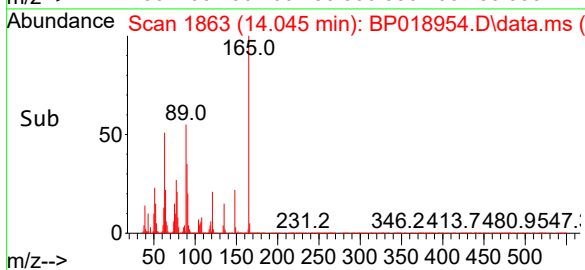
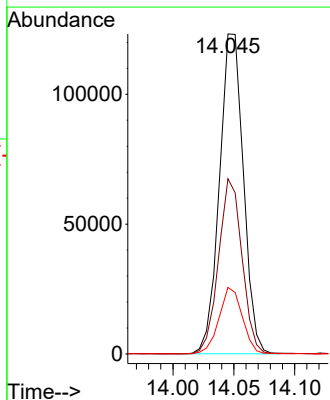
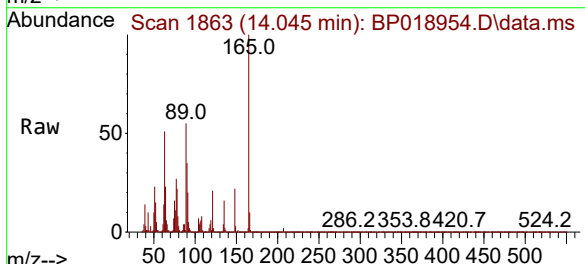
Instrument :
BNA_P
ClientSampleId :
SLCS781

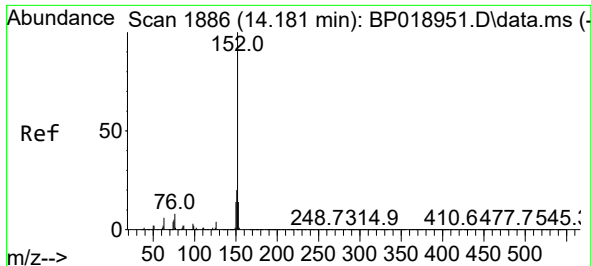
Tgt Ion:163 Resp: 834447
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 32.848 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:165 Resp: 169076
Ion Ratio Lower Upper
165 100
89 54.7 46.6 70.0
121 20.8 17.3 25.9

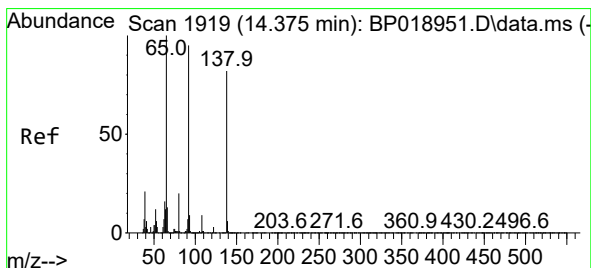
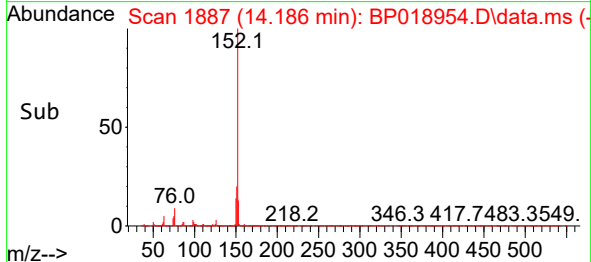
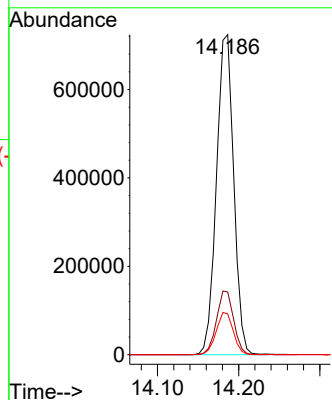
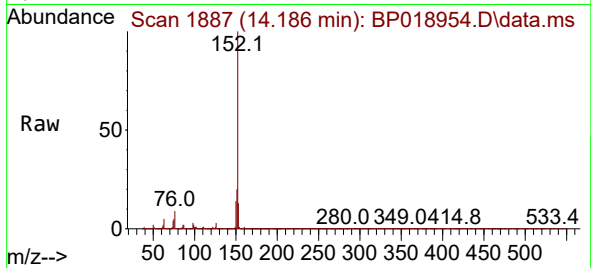




#50
Acenaphthylene
Concen: 31.273 ng/ul
RT: 14.186 min Scan# 1886
Delta R.T. -0.000 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

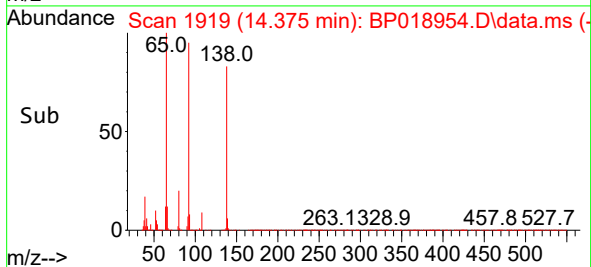
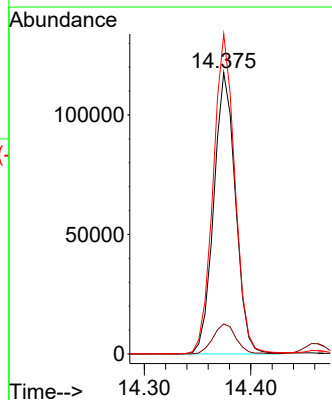
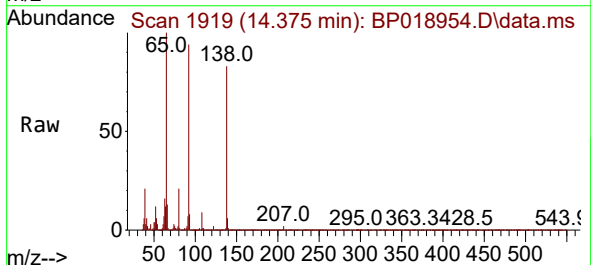
Instrument :
BNA_P
ClientSampleId :
SLCS781

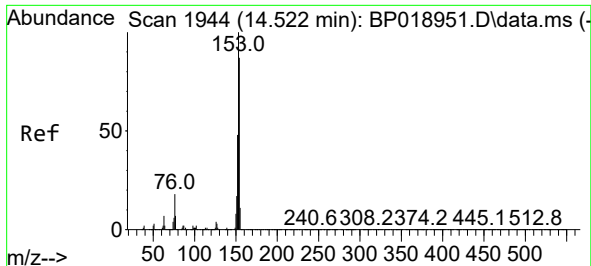
Tgt Ion:152 Resp: 1071590
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.8 10.6 16.0



#51
3-Nitroaniline
Concen: 32.389 ng/ul
RT: 14.375 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:138 Resp: 166422
Ion Ratio Lower Upper
138 100
108 10.7 9.5 14.3
92 113.7 93.1 139.7

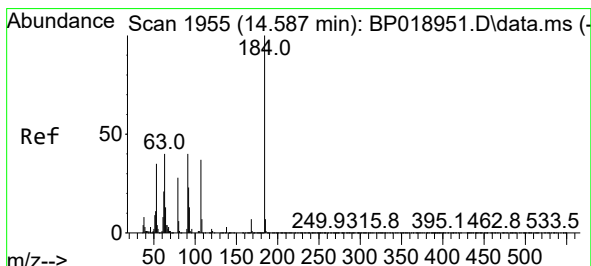
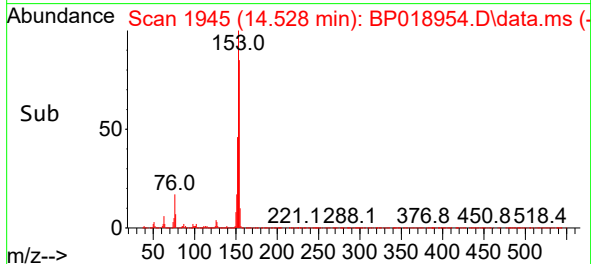
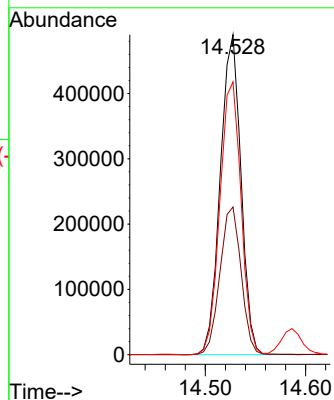
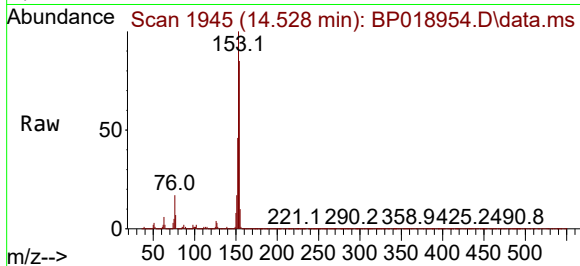




#52
Acenaphthene
Concen: 30.906 ng/ul
RT: 14.528 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

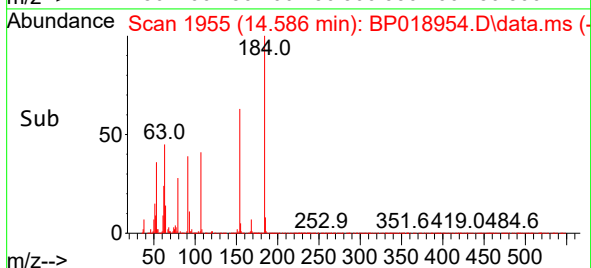
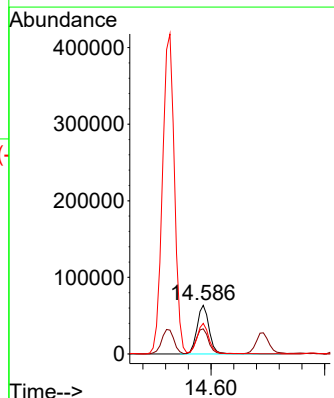
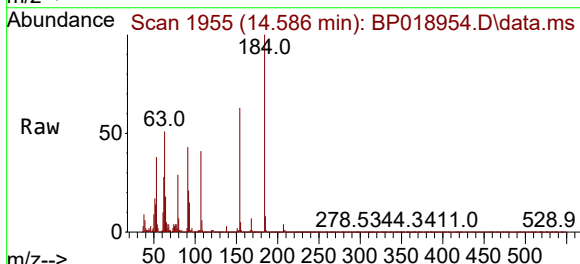
Instrument :
BNA_P
ClientSampleId :
SLCS781

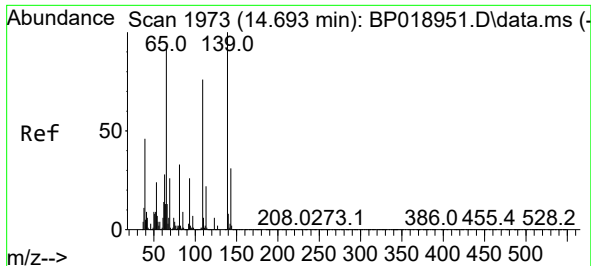
Tgt Ion:153 Resp: 700196
Ion Ratio Lower Upper
153 100
152 46.1 38.1 57.1
154 85.2 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 34.644 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:184 Resp: 94508
Ion Ratio Lower Upper
184 100
63 51.5 48.2 72.4
154 62.9 49.1 73.7

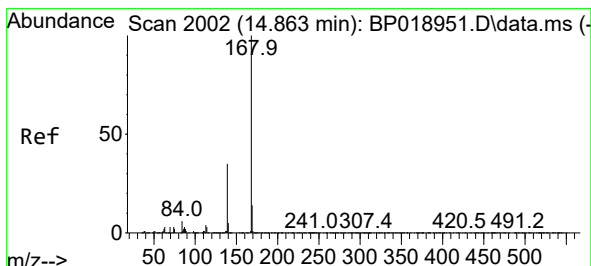
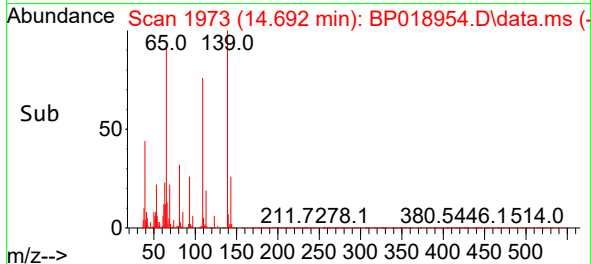
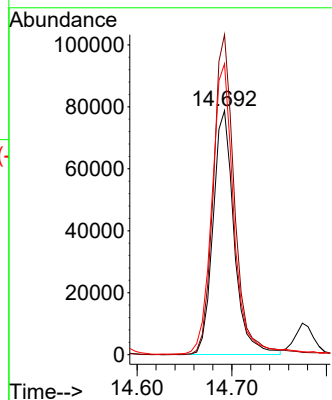
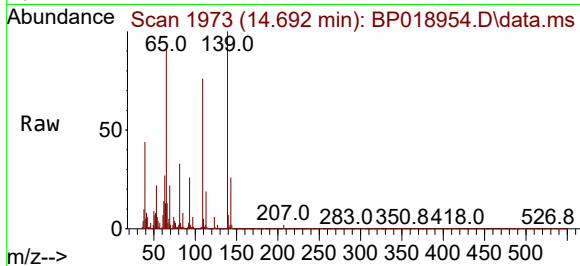




#55
4-Nitrophenol
Concen: 35.326 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. -0.012 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

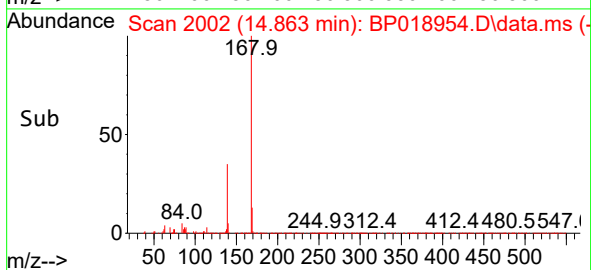
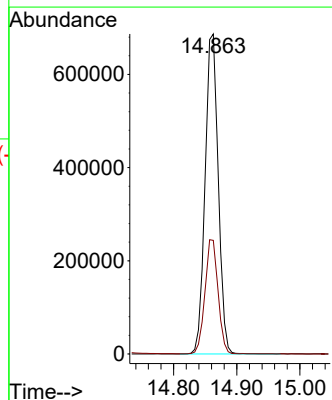
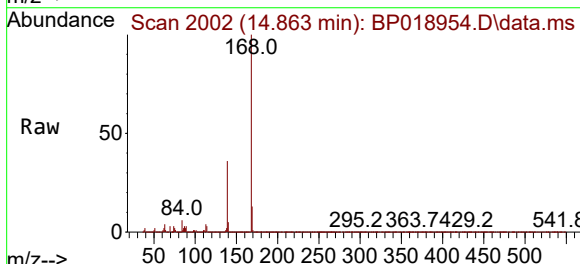
Instrument :
BNA_P
ClientSampleId :
SLCS781

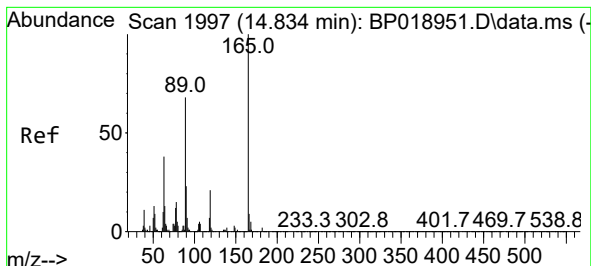
Tgt Ion:109 Resp: 121253
Ion Ratio Lower Upper
109 100
139 131.1 109.0 163.4
65 119.2 106.2 159.4



#56
Dibenzofuran
Concen: 31.632 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:168 Resp: 996023
Ion Ratio Lower Upper
168 100
139 35.5 29.1 43.7

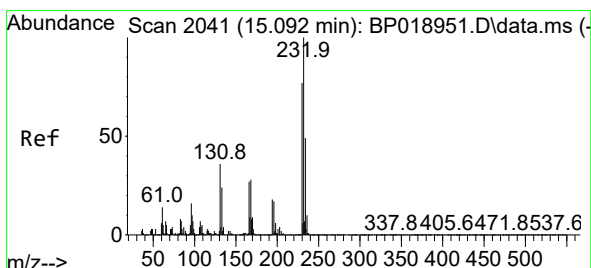
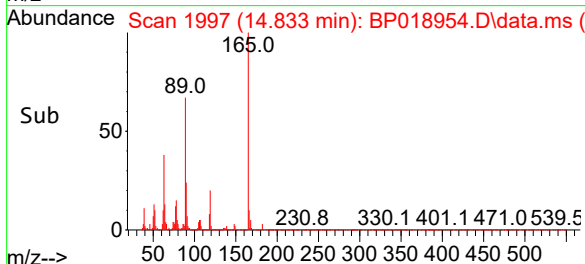
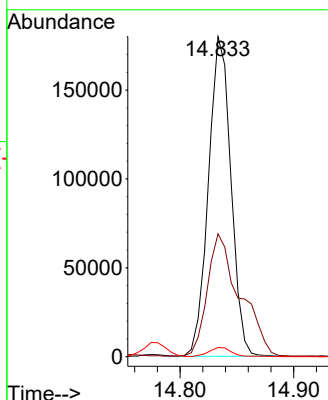
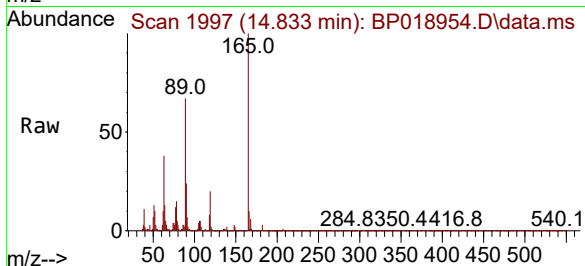




#57
2,4-Dinitrotoluene
Concen: 34.196 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

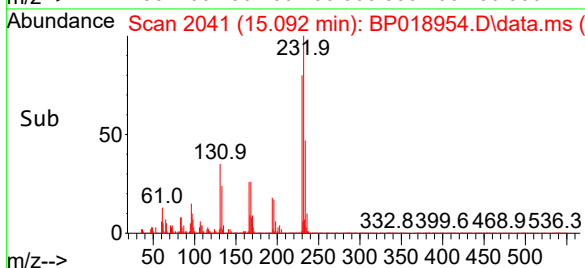
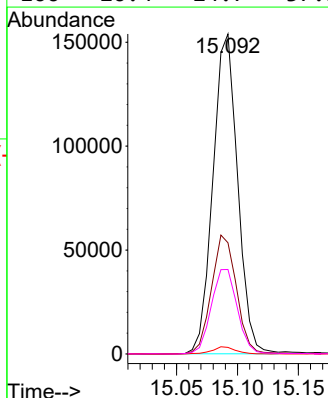
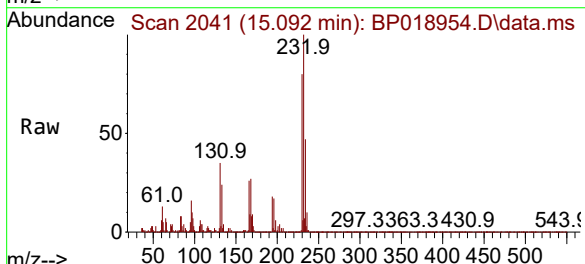
Instrument :
BNA_P
ClientSampleId :
SLCS781

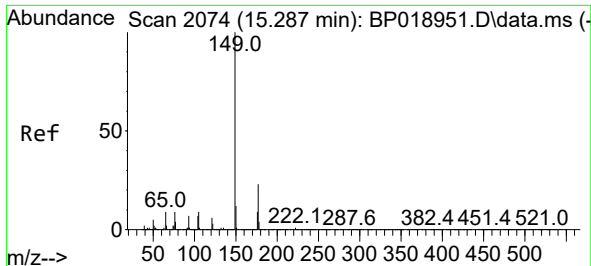
Tgt Ion:165 Resp: 247594
Ion Ratio Lower Upper
165 100
63 38.4 32.7 49.1
182 2.9 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.017 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:232 Resp: 217314
Ion Ratio Lower Upper
232 100
131 34.8 33.8 50.8
130 2.1 1.8 2.8
166 26.4 24.7 37.1

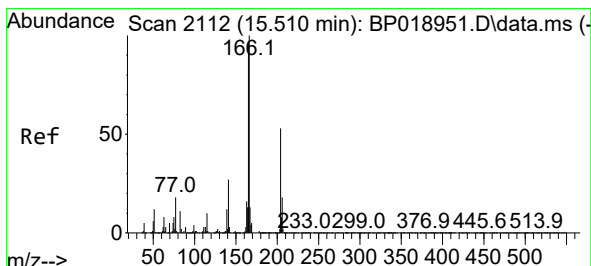
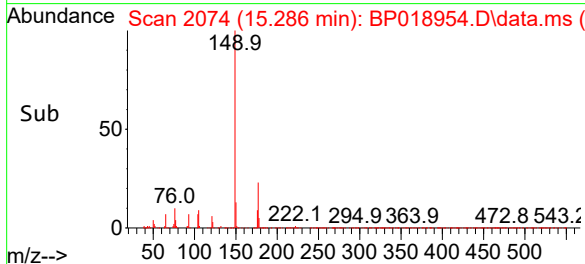
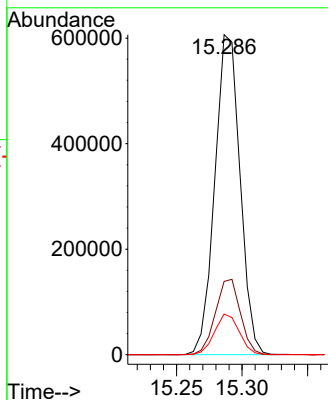
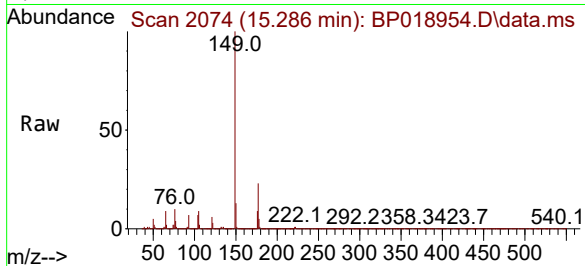




#59
Diethylphthalate
Concen: 30.391 ng/ul
RT: 15.286 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

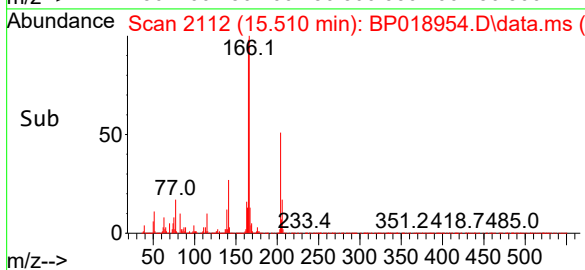
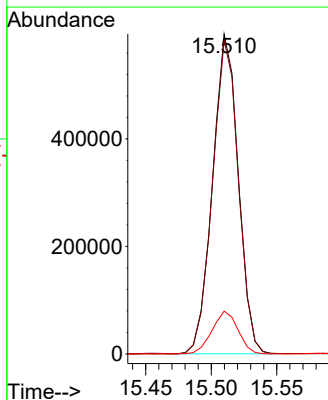
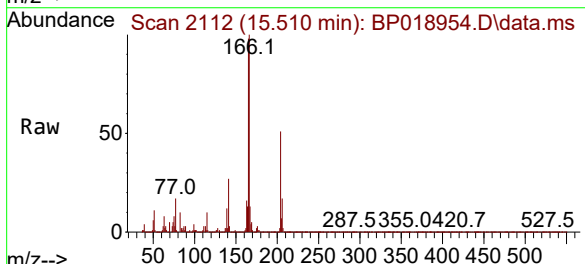
Instrument :
BNA_P
ClientSampleId :
SLCS781

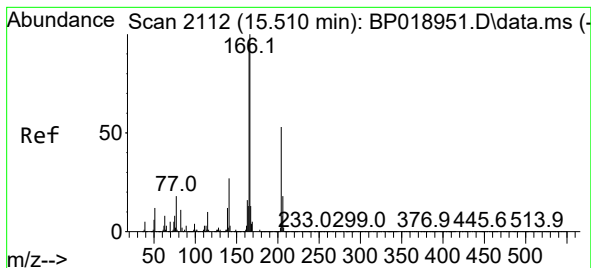
Tgt Ion:149 Resp: 810234
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.7 9.9 14.9



#61
Fluorene
Concen: 32.466 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:166 Resp: 808924
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.4 10.8 16.2

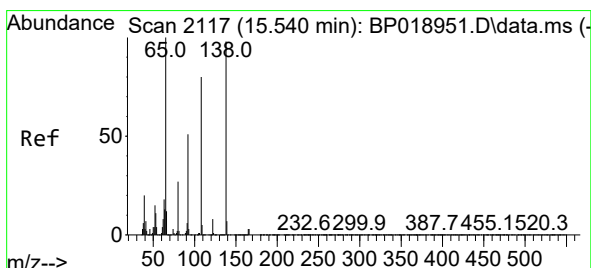
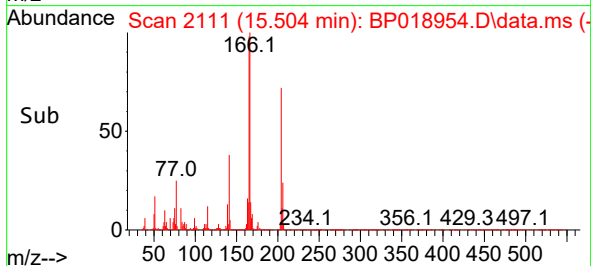
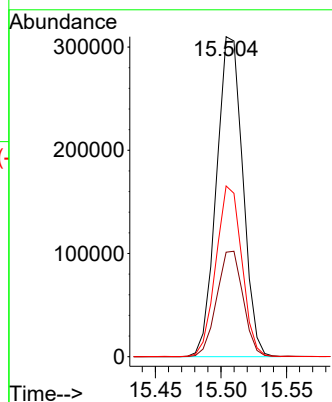
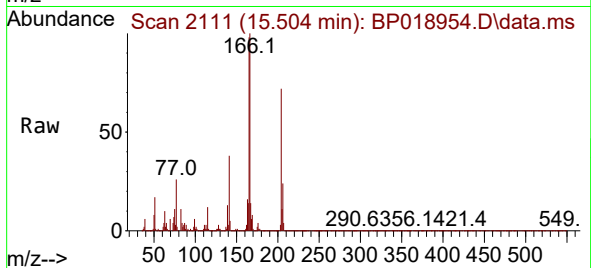




#62
4-Chlorophenyl-phenylether
Concen: 33.104 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

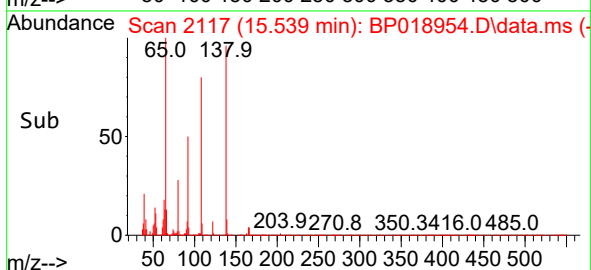
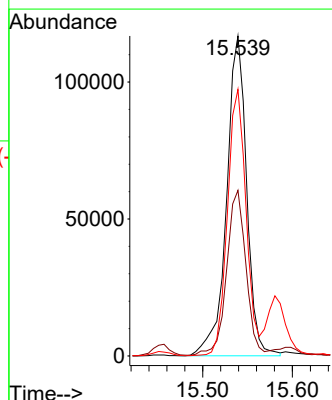
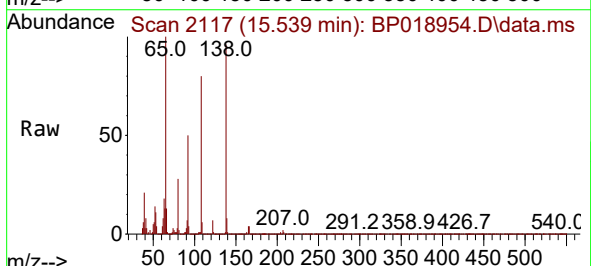
Instrument :
BNA_P
ClientSampleId :
SLCS781

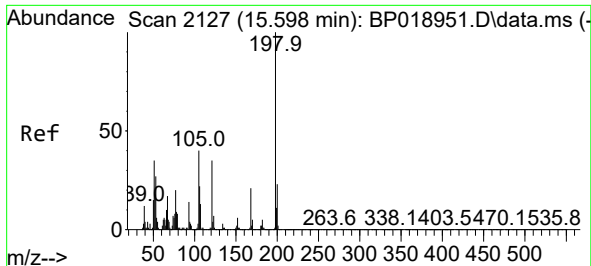
Tgt Ion:204 Resp: 432582
Ion Ratio Lower Upper
204 100
206 32.7 27.1 40.7
141 53.3 45.8 68.8



#63
4-Nitroaniline
Concen: 37.104 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:138 Resp: 181622
Ion Ratio Lower Upper
138 100
92 51.7 42.3 63.5
108 83.3 62.0 93.0

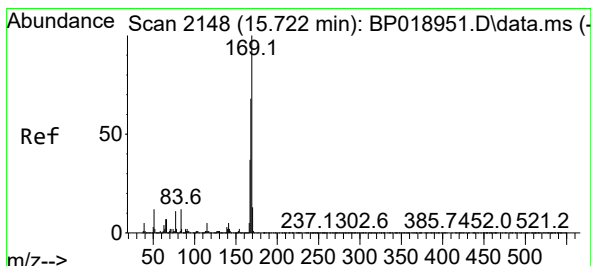
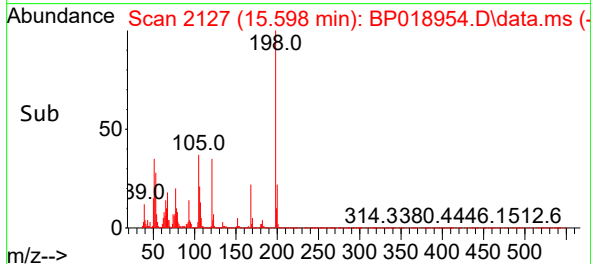
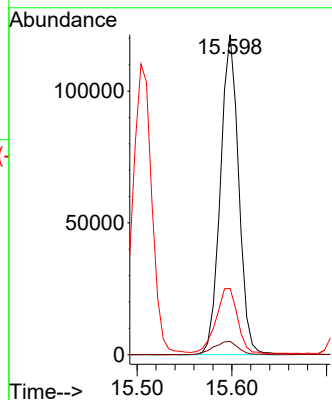
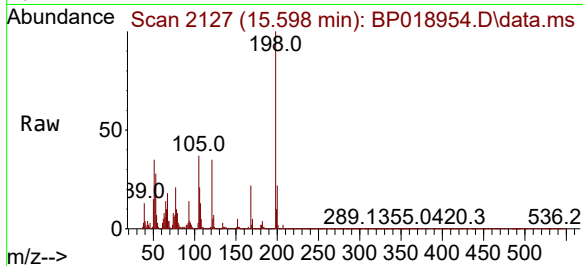




#66
4,6-Dinitro-2-methylphenol
Concen: 36.026 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

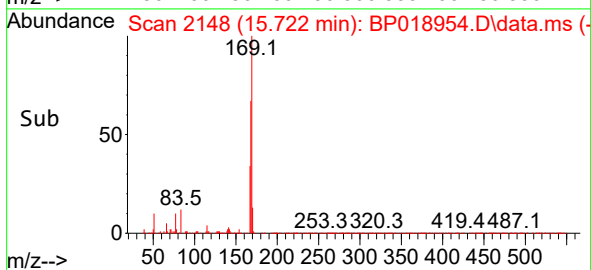
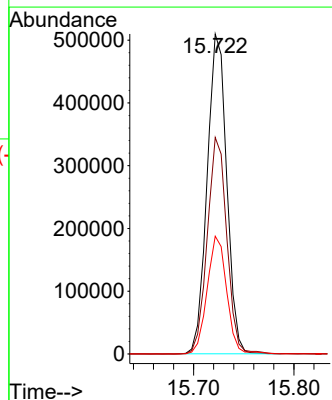
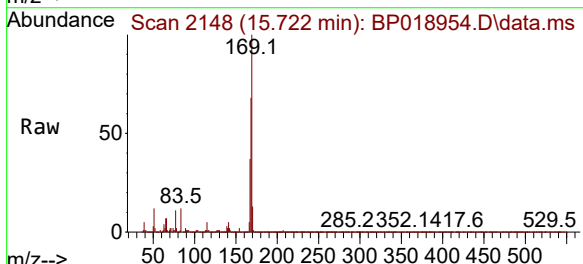
Instrument :
BNA_P
ClientSampleId :
SLCS781

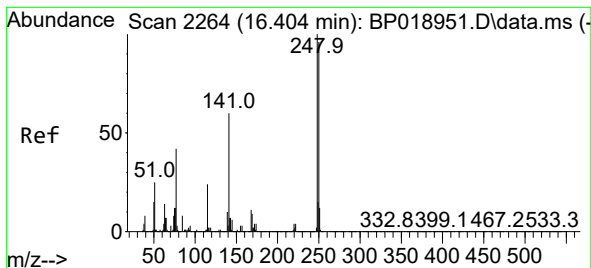
Tgt Ion:198 Resp: 162451
Ion Ratio Lower Upper
198 100
182 4.1 3.4 5.2
77 20.7 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 29.676 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:169 Resp: 691705
Ion Ratio Lower Upper
169 100
168 67.6 53.1 79.7
167 36.8 29.1 43.7

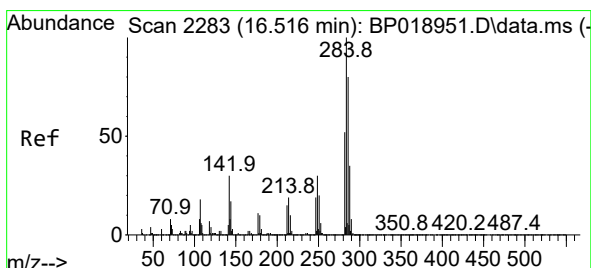
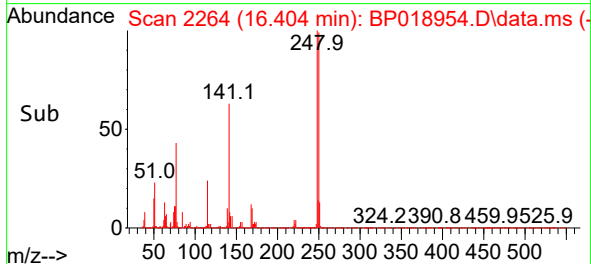
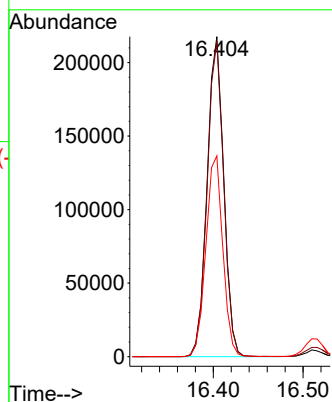
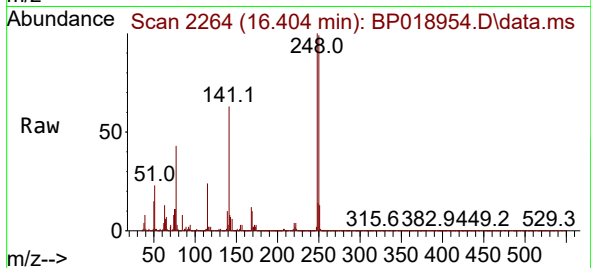




#68
4-Bromophenyl-phenylether
Concen: 31.571 ng/ul
RT: 16.404 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

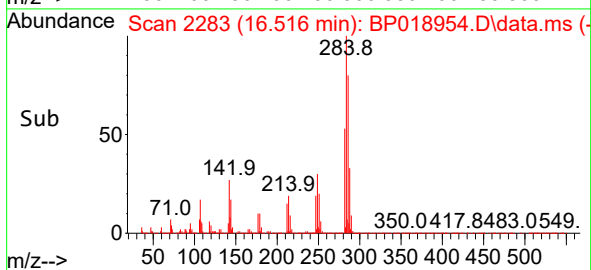
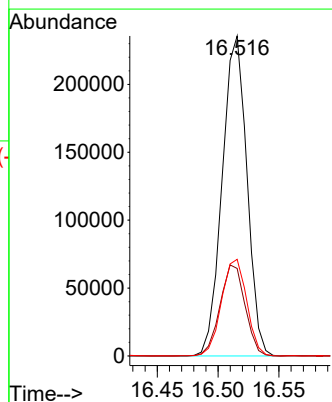
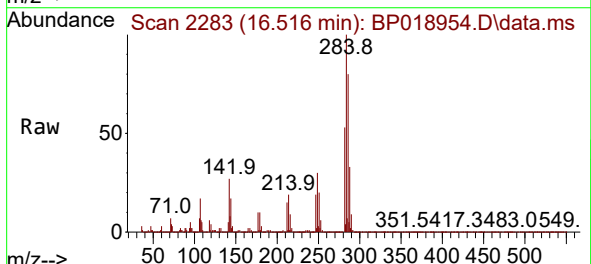
Instrument :
BNA_P
ClientSampleId :
SLCS781

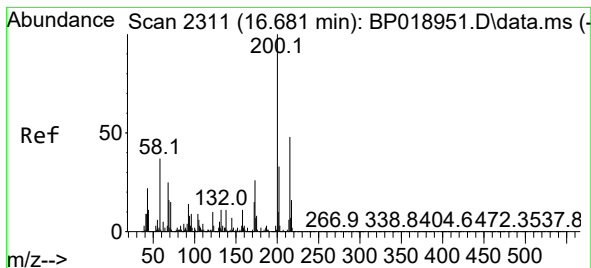
Tgt Ion:248 Resp: 280357
Ion Ratio Lower Upper
248 100
250 98.5 79.3 118.9
141 62.8 57.2 85.8



#69
Hexachlorobenzene
Concen: 33.629 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:284 Resp: 333424
Ion Ratio Lower Upper
284 100
142 27.4 25.8 38.6
249 30.2 24.9 37.3





#70

Atrazine

Concen: 23.480 ng/ul

RT: 16.680 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Instrument :

BNA_P

ClientSampleId :

SLCS781

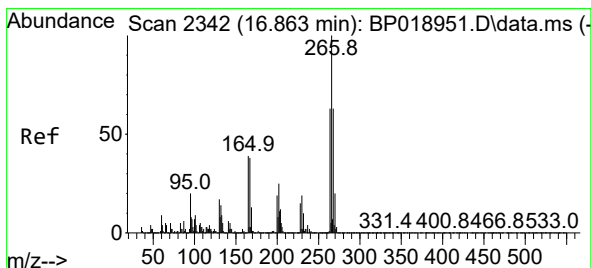
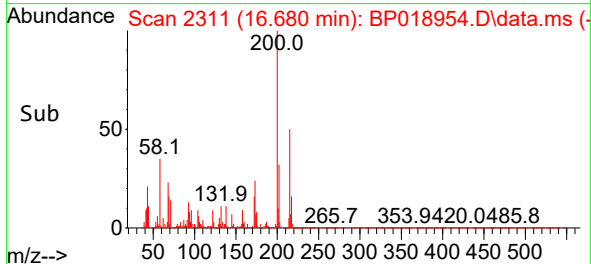
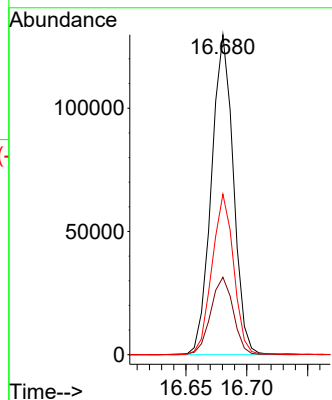
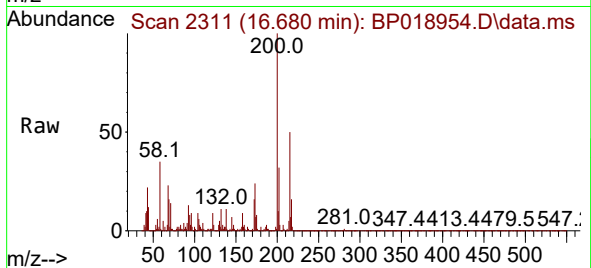
Tgt Ion:200 Resp: 162708

Ion Ratio Lower Upper

200 100

173 24.2 21.0 31.4

215 50.2 38.2 57.2



#71

Pentachlorophenol

Concen: 32.729 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

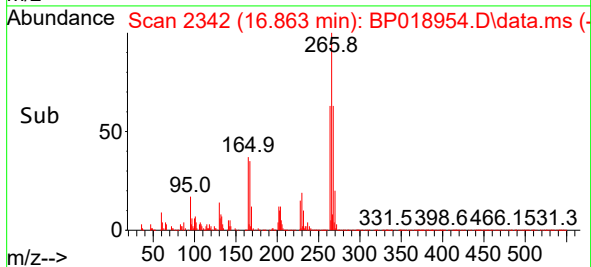
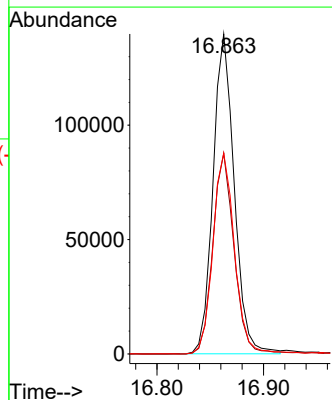
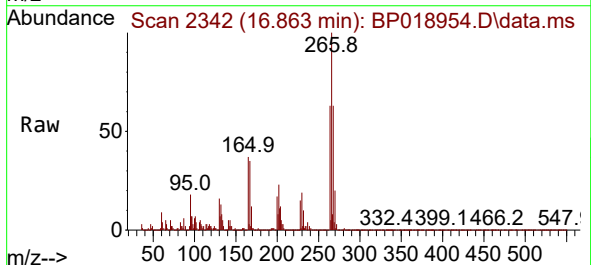
Tgt Ion:266 Resp: 192992

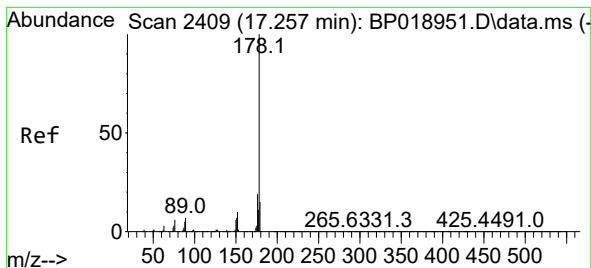
Ion Ratio Lower Upper

266 100

264 62.7 50.2 75.2

268 62.8 50.5 75.7





#72

Phenanthrene

Concen: 31.865 ng/ul

RT: 17.257 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Instrument :

BNA_P

ClientSampleId :

SLCS781

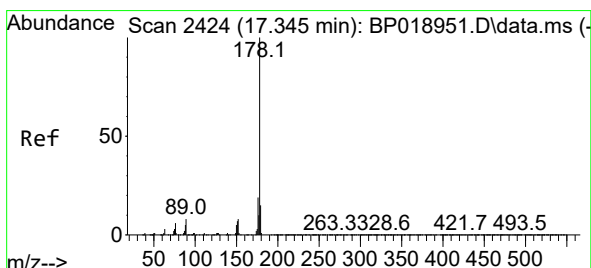
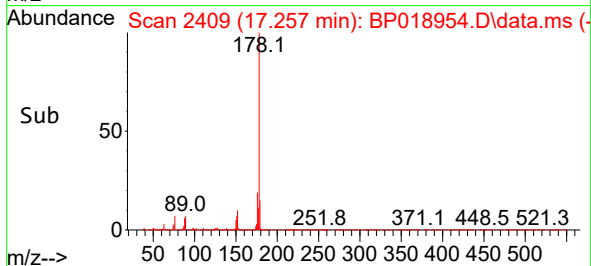
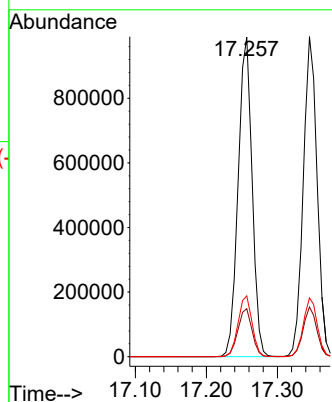
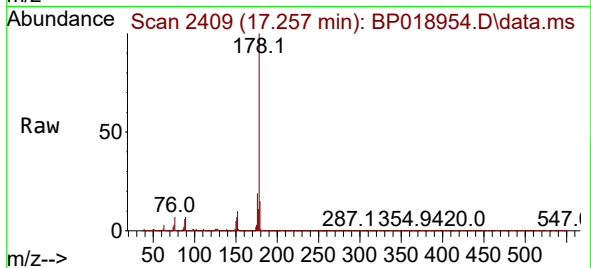
Tgt Ion:178 Resp: 1353699

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

176 19.0 15.4 23.2



#74

Anthracene

Concen: 31.430 ng/ul

RT: 17.345 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

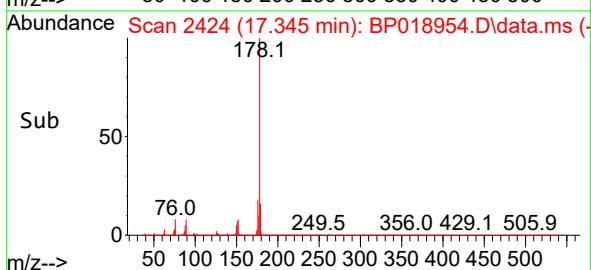
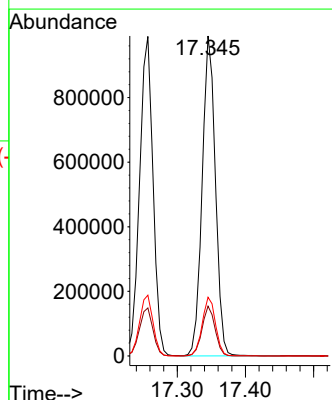
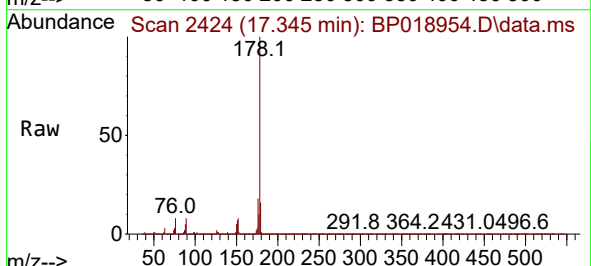
Tgt Ion:178 Resp: 1338384

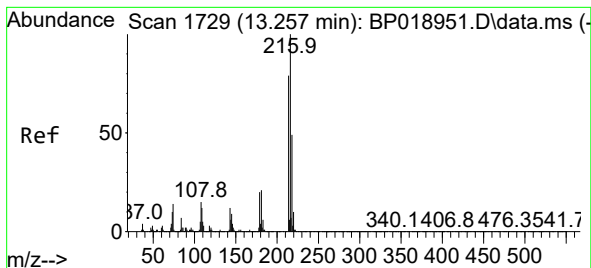
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.4 15.0 22.6

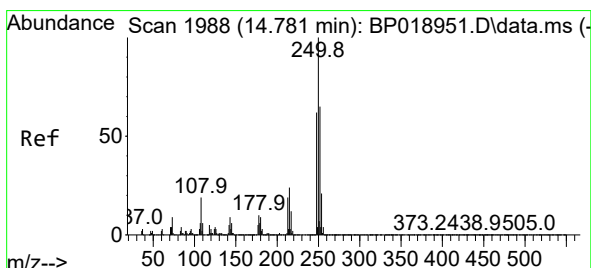
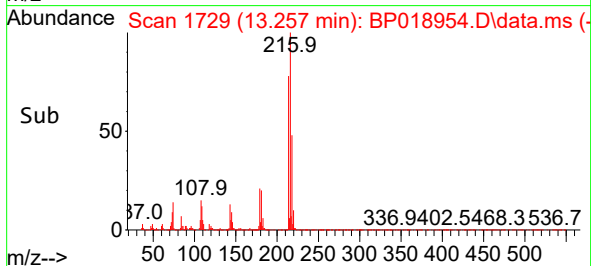
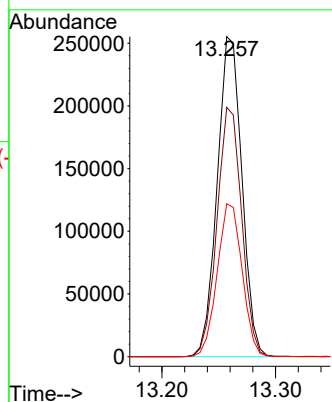
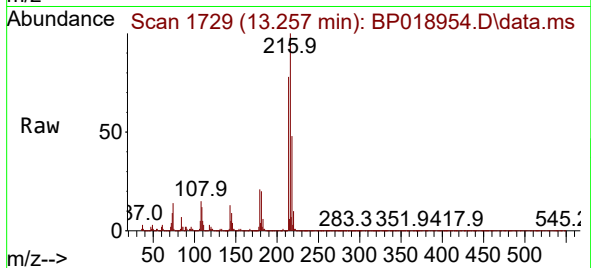




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.781 ng/uL
RT: 13.257 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

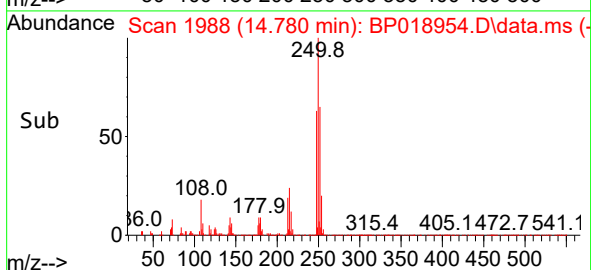
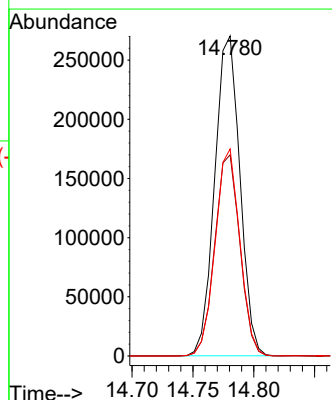
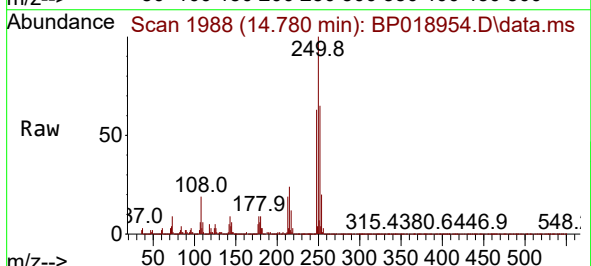
Instrument :
BNA_P
ClientSampleId :
SLCS781

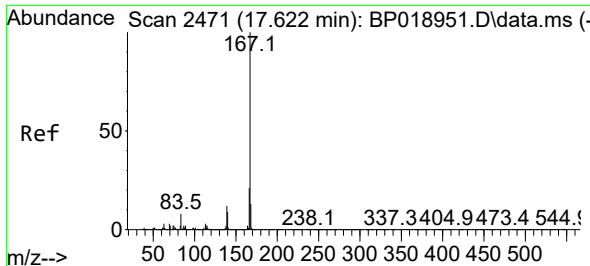
Tgt Ion:216 Resp: 386540
Ion Ratio Lower Upper
216 100
214 77.9 61.4 92.2
218 47.8 39.2 58.8



#76
Pentachlorobenzene
Concen: 32.628 ng/uL
RT: 14.780 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:250 Resp: 389812
Ion Ratio Lower Upper
250 100
248 62.8 50.6 75.8
252 64.7 51.3 76.9

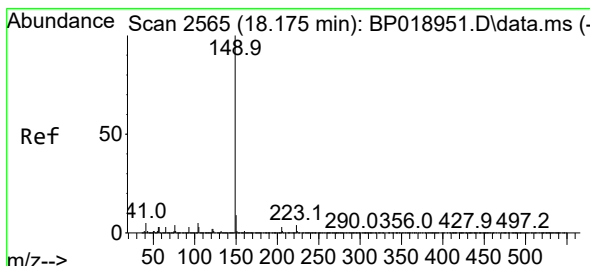
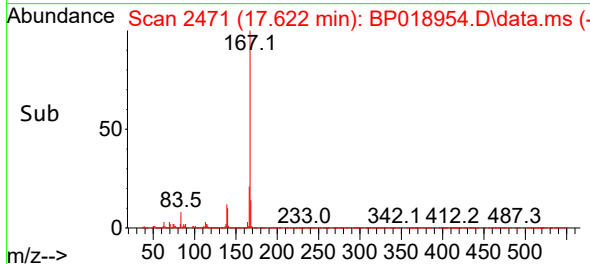
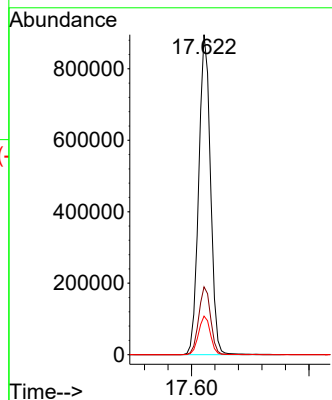
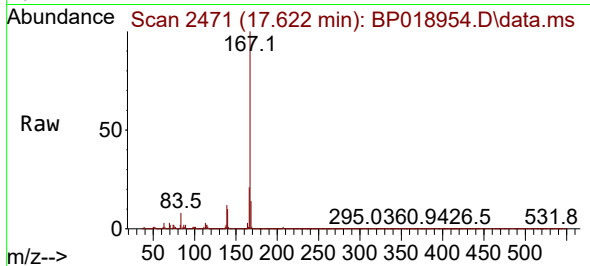




#77
 Carbazole
 Concen: 36.509 ng/ul
 RT: 17.622 min Scan# 2471
 Delta R.T. -0.006 min
 Lab File: BP018954.D
 Acq: 20 Dec 2023 11:10

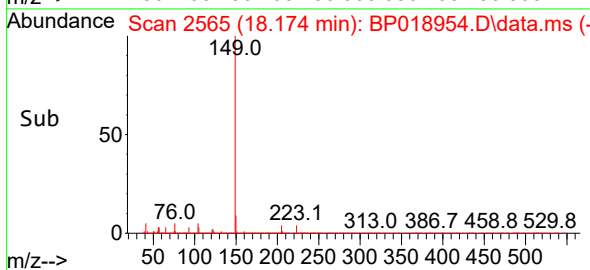
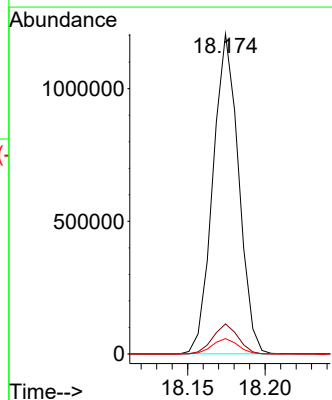
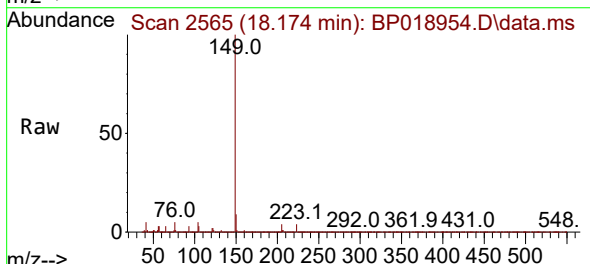
Instrument :
 BNA_P
 ClientSampleId :
 SLCS781

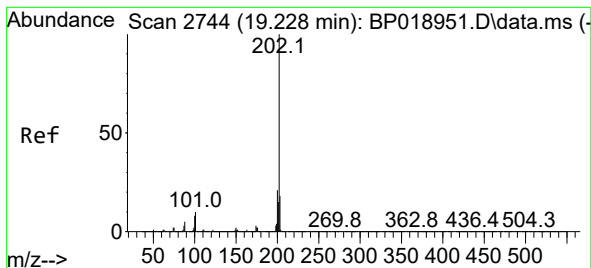
Tgt Ion:167 Resp: 1239071
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 12.1 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 30.718 ng/ul
 RT: 18.174 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BP018954.D
 Acq: 20 Dec 2023 11:10

Tgt Ion:149 Resp: 1388181
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.8 3.9 5.9





#80

Fluoranthene

Concen: 24.628 ng/ul

RT: 19.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Instrument :

BNA_P

ClientSampleId :

SLCS781

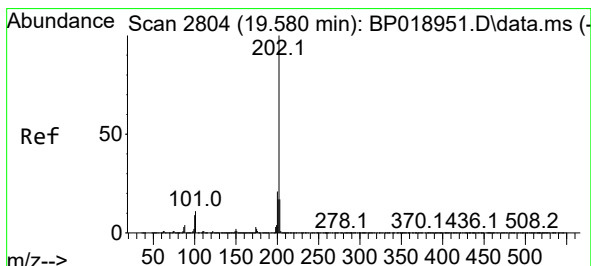
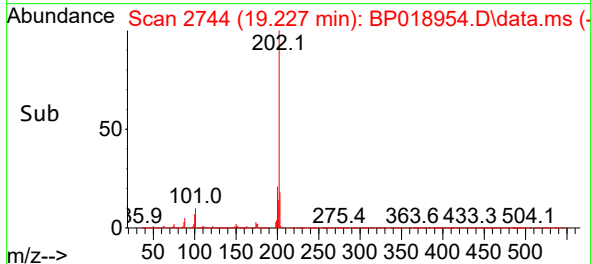
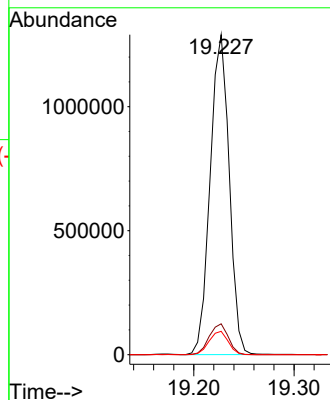
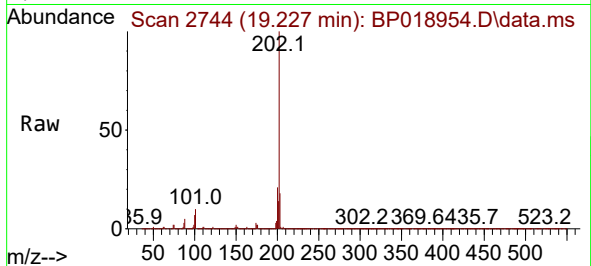
Tgt Ion:202 Resp: 1698715

Ion Ratio Lower Upper

202 100

101 9.7 9.1 13.7

100 7.3 7.1 10.7



#82

Pyrene

Concen: 25.729 ng/ul

RT: 19.580 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

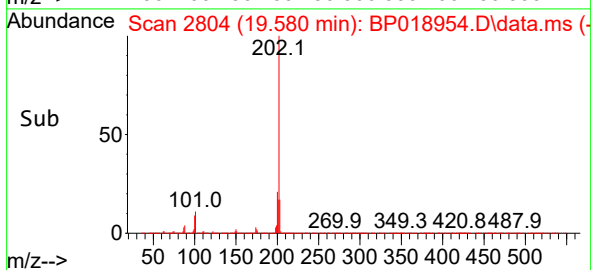
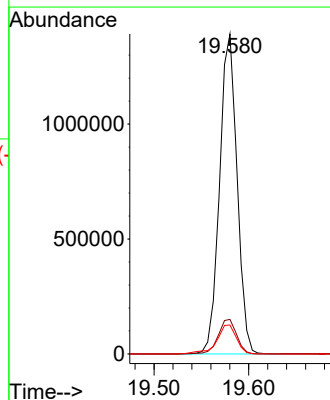
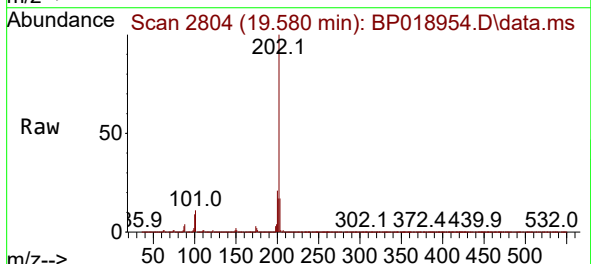
Tgt Ion:202 Resp: 1790320

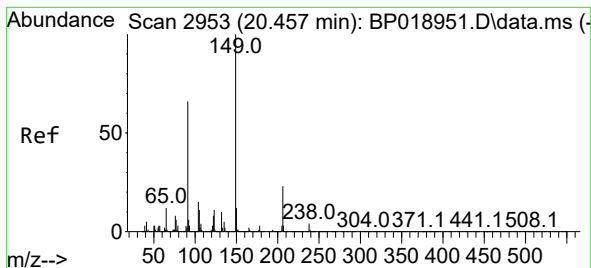
Ion Ratio Lower Upper

202 100

101 10.8 11.0 16.4#

100 9.0 9.1 13.7#





#83

Butylbenzylphthalate

Concen: 26.314 ng/ul

RT: 20.457 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Instrument :

BNA_P

ClientSampleId :

SLCS781

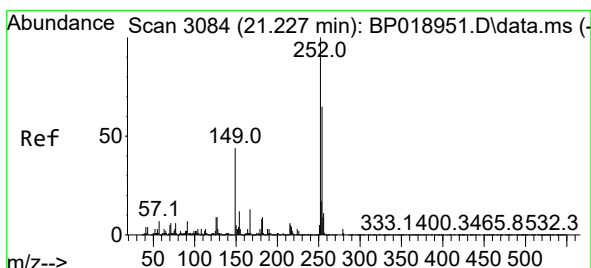
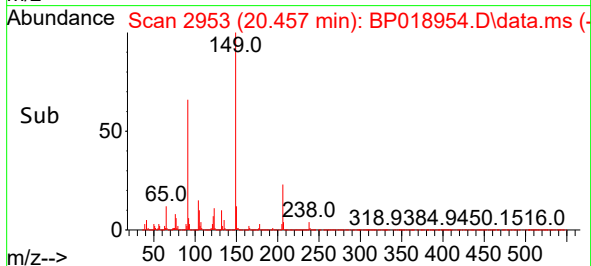
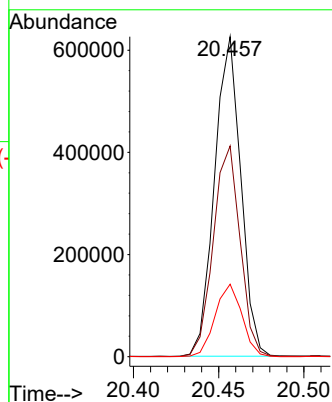
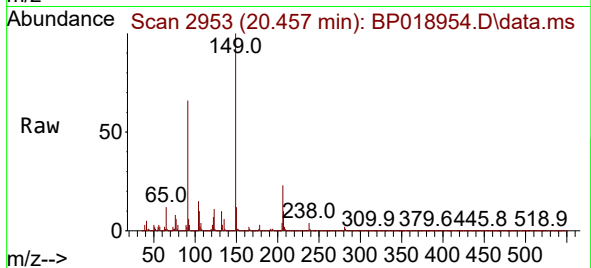
Tgt Ion:149 Resp: 670321

Ion Ratio Lower Upper

149 100

91 65.9 56.6 85.0

206 22.7 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 35.745 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

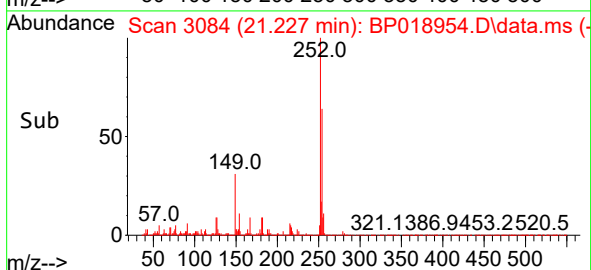
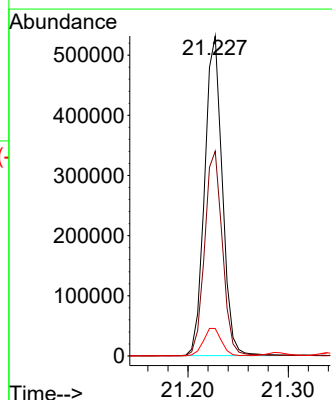
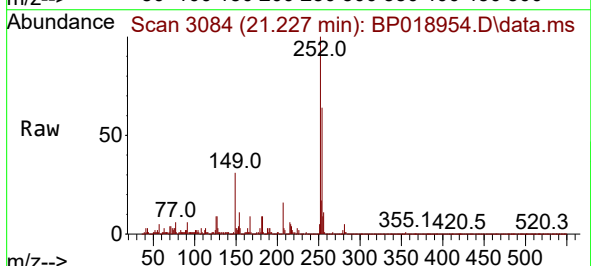
Tgt Ion:252 Resp: 651149

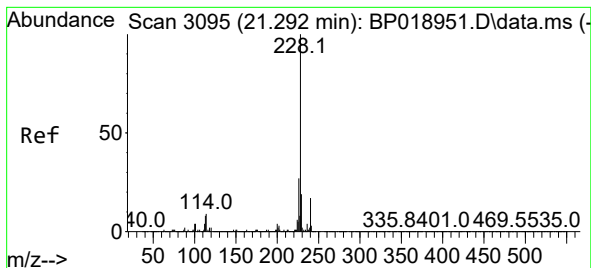
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.4

126 8.6 7.8 11.6





#85

Benzo(a)anthracene

Concen: 31.685 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.012 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Instrument :

BNA_P

ClientSampleId :

SLCS781

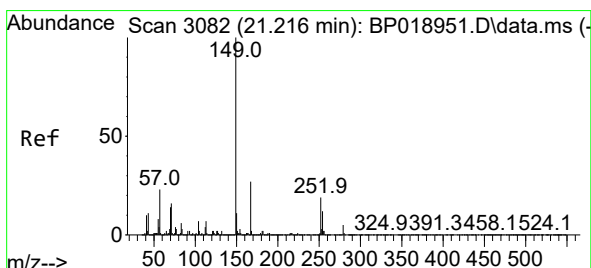
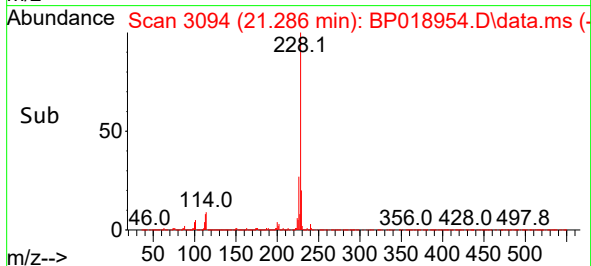
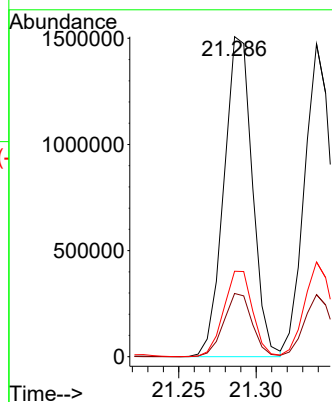
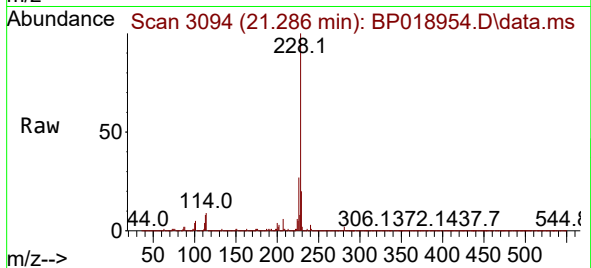
Tgt Ion:228 Resp: 1927909

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 26.7 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.525 ng/ul

RT: 21.215 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

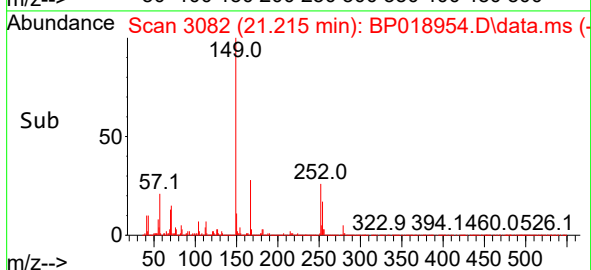
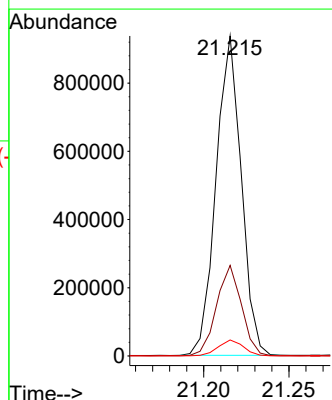
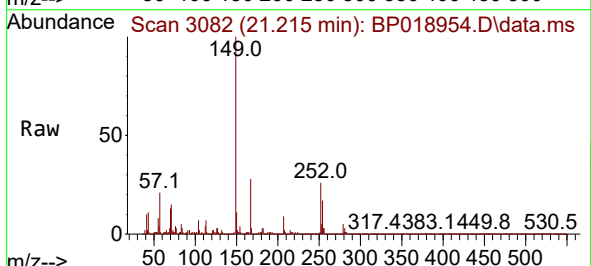
Tgt Ion:149 Resp: 963717

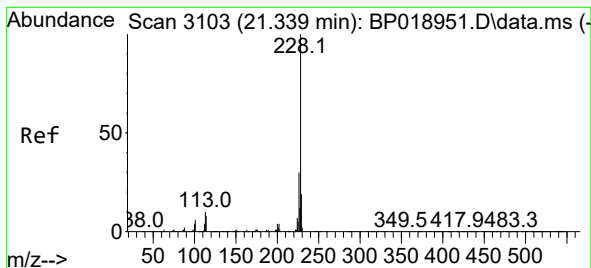
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.2

279 5.0 3.3 4.9#





#87

Chrysene

Concen: 31.845 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Instrument :

BNA_P

ClientSampleId :

SLCS781

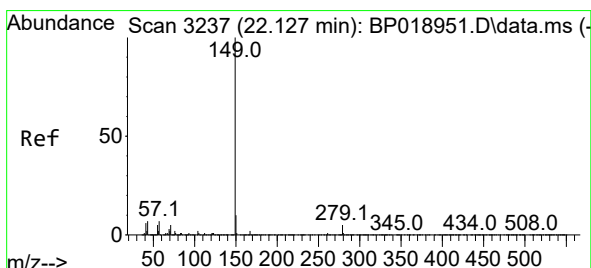
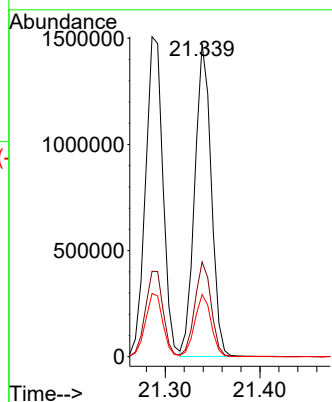
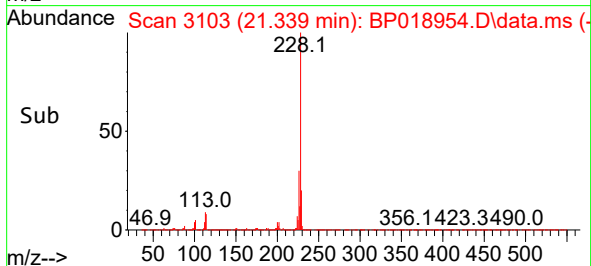
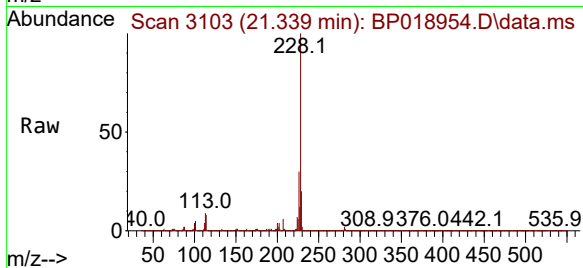
Tgt Ion:228 Resp: 1784332

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 19.9 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 26.038 ng/ul

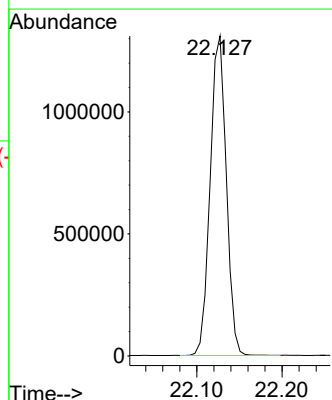
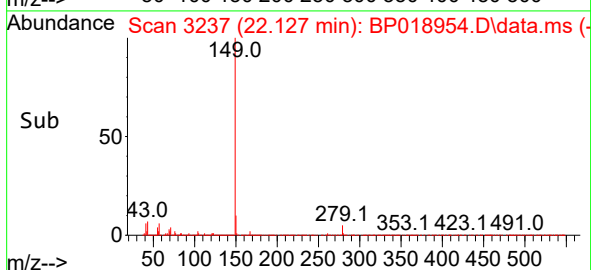
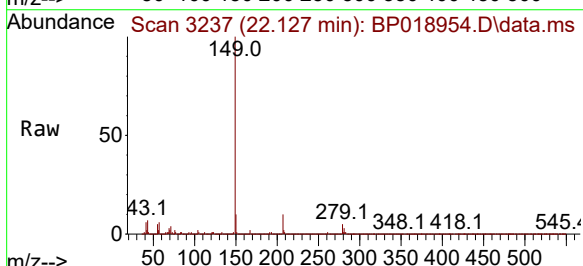
RT: 22.127 min Scan# 3237

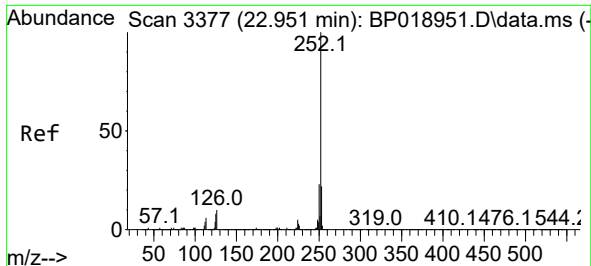
Delta R.T. -0.006 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Tgt Ion:149 Resp: 1720392

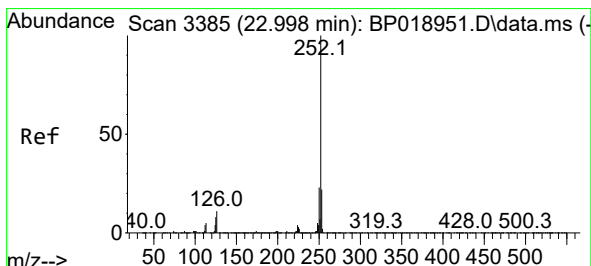
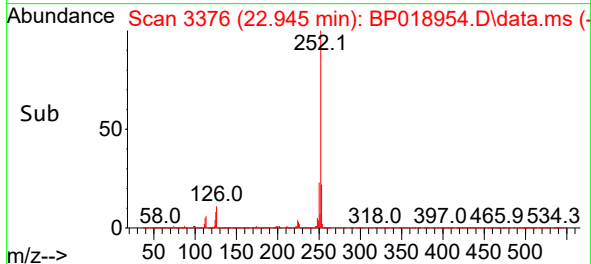
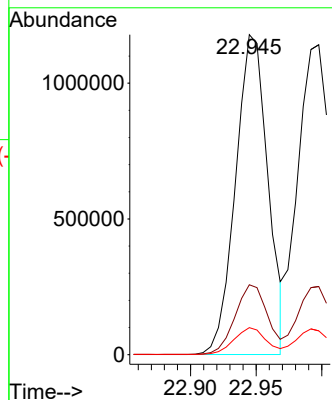
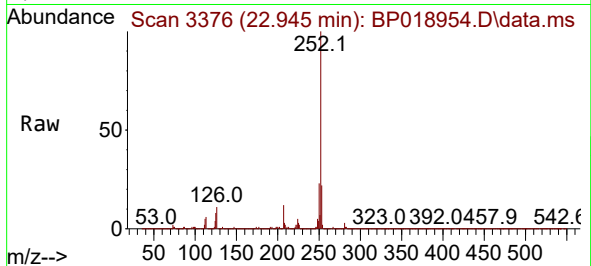




#90
Benzo(b)fluoranthene
Concen: 30.324 ng/ul
RT: 22.945 min Scan# 3376
Delta R.T. -0.012 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

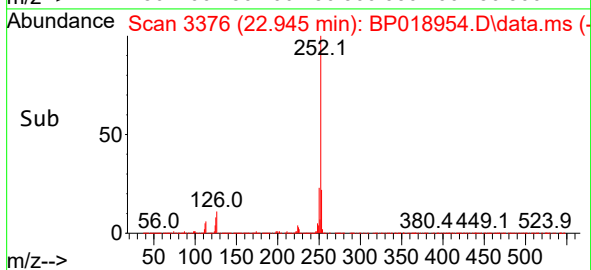
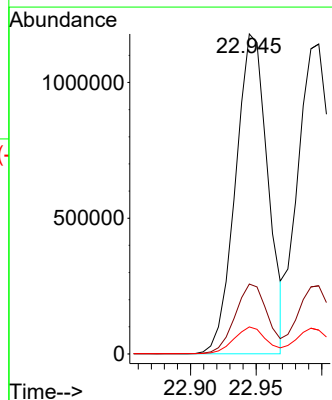
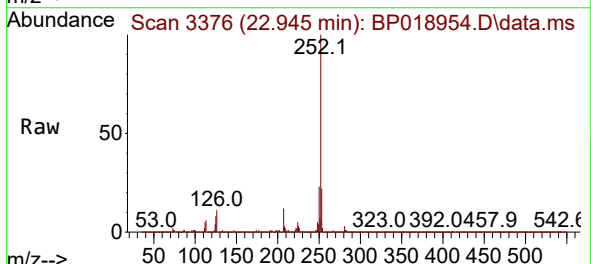
Instrument :
BNA_P
ClientSampleId :
SLCS781

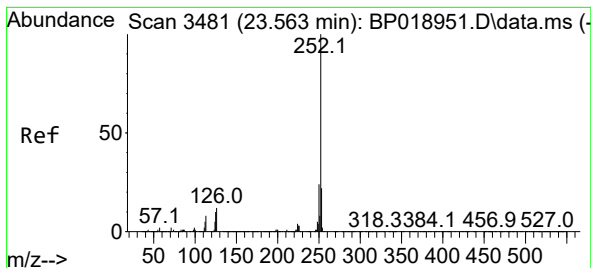
Tgt Ion:252 Resp: 2023288
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 8.5 7.8 11.6



#91
Benzo(k)fluoranthene
Concen: 31.341 ng/ul
RT: 22.945 min Scan# 3376
Delta R.T. -0.065 min
Lab File: BP018954.D
Acq: 20 Dec 2023 11:10

Tgt Ion:252 Resp: 2023288
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.5 8.0 12.0





#93

Benzo(a)pyrene

Concen: 31.827 ng/ul

RT: 23.562 min Scan# 3481

Delta R.T. -0.018 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Instrument :

BNA_P

ClientSampleId :

SLCS781

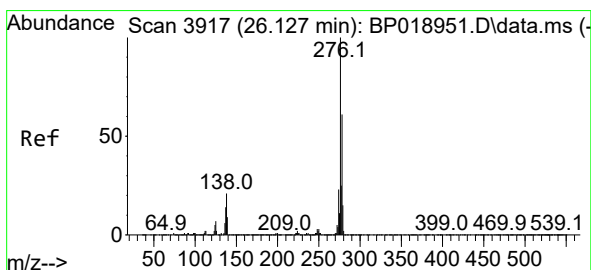
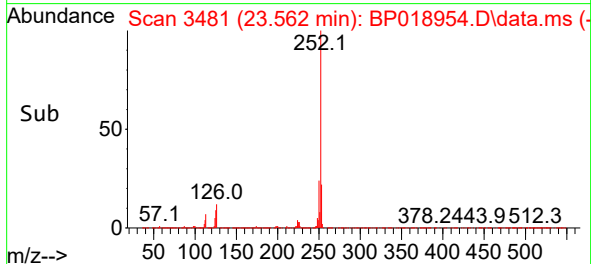
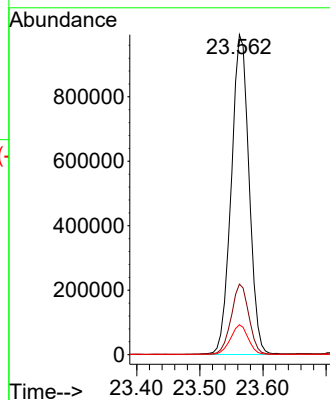
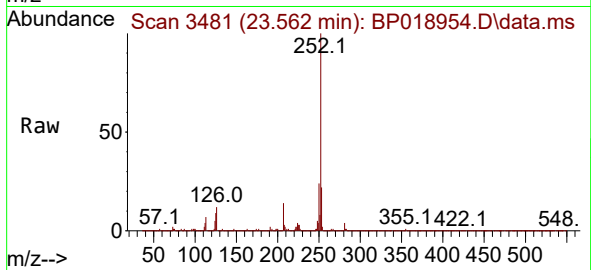
Tgt Ion:252 Resp: 1940372

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.3 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.373 ng/ul

RT: 26.133 min Scan# 3918

Delta R.T. -0.024 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

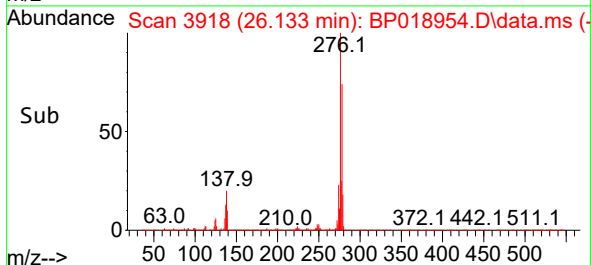
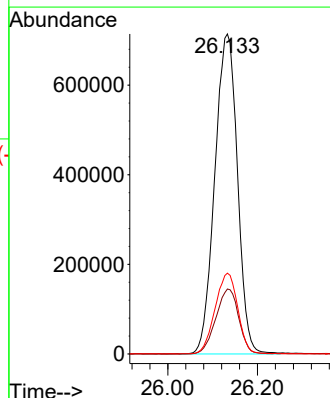
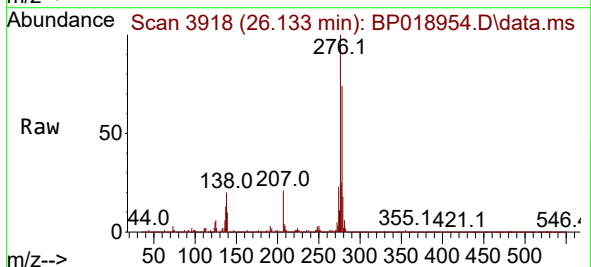
Tgt Ion:276 Resp: 2503810

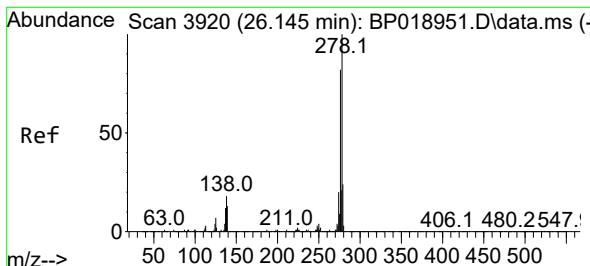
Ion Ratio Lower Upper

276 100

138 20.3 19.4 29.2

277 25.2 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 34.259 ng/ul

RT: 26.150 min Scan# 3920

Delta R.T. -0.024 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Instrument :

BNA_P

ClientSampleId :

SLCS781

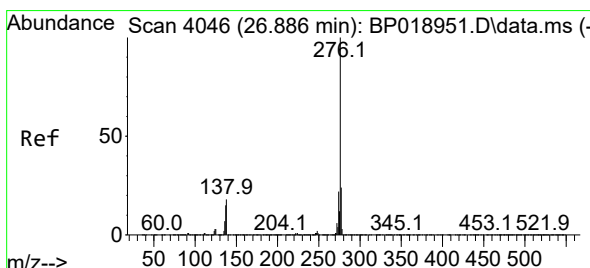
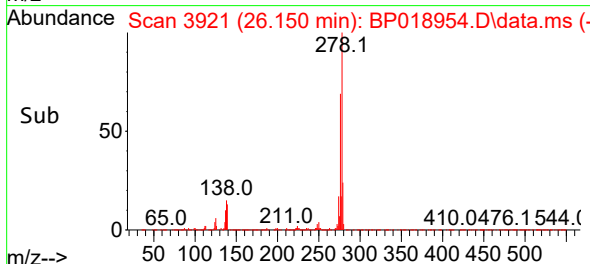
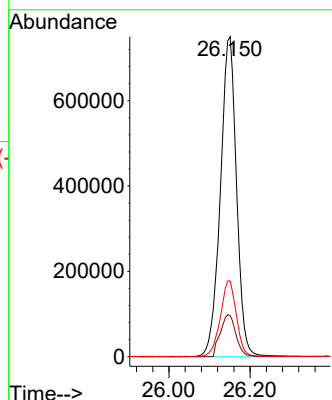
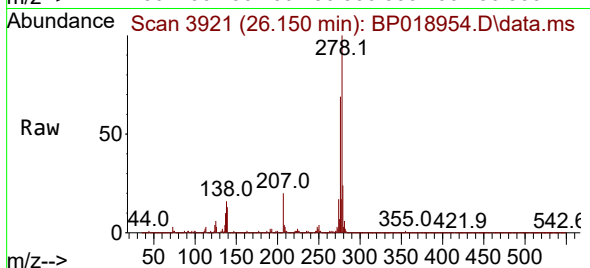
Tgt Ion:278 Resp: 2075945

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: 34.602 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. -0.030 min

Lab File: BP018954.D

Acq: 20 Dec 2023 11:10

Tgt Ion:276 Resp: 2028392

Ion Ratio Lower Upper

276 100

138 17.6 18.1 27.1#

277 23.8 19.4 29.0

