

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018768.D
 Acq On : 12 Dec 2023 15:11
 Operator : MA/JU
 Sample : PB157623BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 21:37:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	179920	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	668936	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	431679	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1035918	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	1154274	20.000	ng/ul	# 0.00
88) Perylene-d12	23.669	264	1325944	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	24700	4.678	ng/uL	0.00
4) Pyridine-d5	3.681	84	327873	23.184	ng/ul	0.00
7) Phenol-d5	7.011	99	396998	21.988	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	232981	21.771	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	315506	22.394	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	309539	21.184	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	149132	25.048	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	162100	26.261	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	332861	26.372	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	388918	23.578	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	978468	25.396	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1066366	25.136	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	175994	27.829	ng/ul	0.00
60) Fluorene-d10	15.463	176	838906	25.940	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	165732	26.682	ng/ul	0.00
73) Anthracene-d10	17.316	188	1328832	24.400	ng/ul	0.00
81) Pyrene-d10	19.551	212	1778217	19.791	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	2026535	26.212	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	51169	8.838	ng/uL	98
5) Pyridine	3.699	79	333140	23.327	ng/ul	96
6) Benzaldehyde	6.981	77	204975	21.988	ng/ul	100
8) Phenol	7.040	94	400135	22.598	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.269	93	323795	22.267	ng/ul	98
12) 2-Chlorophenol	7.405	128	328883	23.065	ng/ul	97
13) 2-Methylphenol	8.287	108	294762	21.744	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	390317	21.154	ng/ul	99
16) Acetophenone	8.663	105	485228	22.282	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.658	70	232765	19.430	ng/ul	99
18) 4-Methylphenol	8.616	108	320967	21.684	ng/ul	99
19) Hexachloroethane	8.916	117	142735	24.418	ng/ul	85
22) Nitrobenzene	9.046	77	375986	25.974	ng/ul	99
23) Isophorone	9.569	82	680672	23.063	ng/ul	99
25) 2-Nitrophenol	9.752	139	177584	26.870	ng/ul#	94
26) 2,4-Dimethylphenol	9.816	107	265610	20.549	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.057	93	420821	22.585	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	325020	26.734	ng/ul	98
30) Naphthalene	10.687	128	989661	24.388	ng/ul	99
32) 4-Chloroaniline	10.799	127	324321	20.629	ng/ul	100
33) Hexachlorobutadiene	10.969	225	257793	31.662	ng/ul	99
34) Caprolactam	11.581	113	98780	26.498	ng/ul	95
35) 4-Chloro-3-methylphenol	11.928	107	338479	24.853	ng/ul	98
36) 2-Methylnaphthalene	12.293	142	696619	24.231	ng/ul	99

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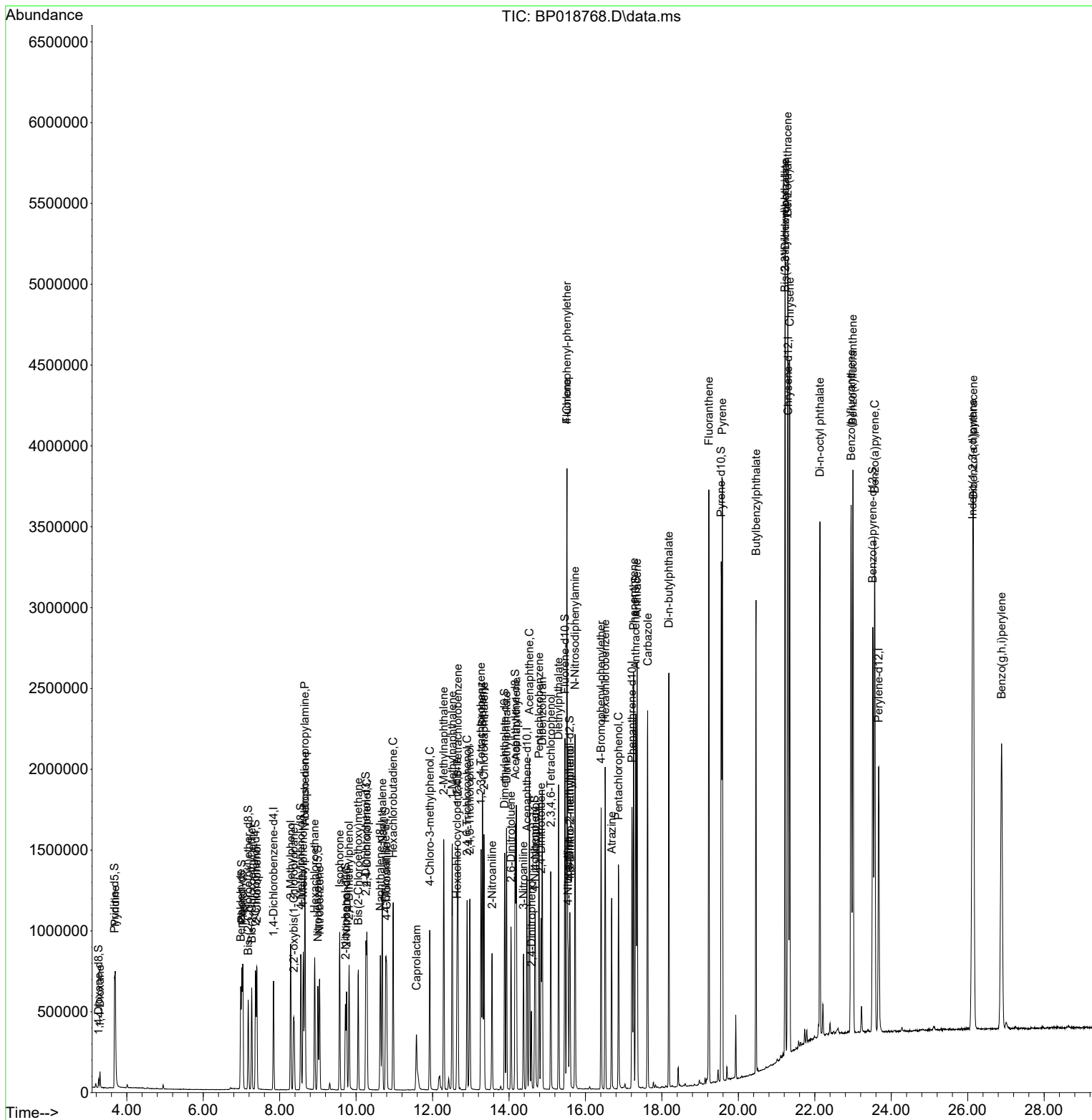
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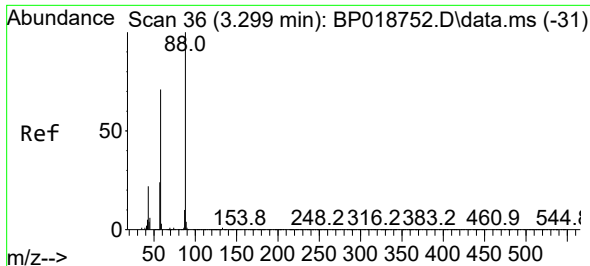
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	685876	23.624	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	455883	29.108	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	215113	23.172	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	277116	27.505	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	305531	27.972	ng/ul	97
43) 1,1'-Biphenyl	13.304	154	939073	25.153	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	759960	25.773	ng/ul	99
45) 2-Nitroaniline	13.557	65	212827	26.624	ng/ul	98
47) Dimethylphthalate	13.934	163	997127	26.292	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	202006	28.193	ng/ul	99
50) Acenaphthylene	14.193	152	1199648	25.151	ng/ul	99
51) 3-Nitroaniline	14.381	138	193887	27.107	ng/ul	100
52) Acenaphthene	14.534	153	803325	25.472	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	107542	28.319	ng/ul	90
55) 4-Nitrophenol	14.687	109	167658	35.090	ng/ul	81
56) Dibenzofuran	14.869	168	1154421	26.337	ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	299819	29.747	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.093	232	271190	29.599	ng/ul	96
59) Diethylphthalate	15.298	149	993993	26.784	ng/ul	100
61) Fluorene	15.516	166	932046	26.873	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	517534	28.451	ng/ul	95
63) 4-Nitroaniline	15.545	138	208902	30.658	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.598	198	183909	27.694	ng/ul	95
67) N-Nitrosodiphenylamine	15.728	169	813160	23.689	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	352873	26.982	ng/ul	97
69) Hexachlorobenzene	16.516	284	430659	29.494	ng/ul	97
70) Atrazine	16.687	200	222156	21.768	ng/ul	99
71) Pentachlorophenol	16.863	266	250895	28.891	ng/ul	100
72) Phenanthrene	17.263	178	1599348	25.563	ng/ul	100
74) Anthracene	17.351	178	1562376	24.913	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	462359	25.813	ng/uL	98
76) Pentachlorobenzene	14.787	250	478237	27.181	ng/uL	99
77) Carbazole	17.628	167	1469524	29.401	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1751489	26.317	ng/ul	100
80) Fluoranthene	19.228	202	2097630	19.750	ng/ul#	93
82) Pyrene	19.581	202	2158462	20.145	ng/ul#	91
83) Butylbenzylphthalate	20.463	149	842744	21.485	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.227	252	758512	27.041	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2399321	25.609	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	1252943	23.240	ng/ul#	99
87) Chrysene	21.345	228	2203652	25.541	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2203726	22.763	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2566397	26.251	ng/ul#	97
91) Benzo(k)fluoranthene	22.998	252	2466523	26.075	ng/ul#	97
93) Benzo(a)pyrene	23.569	252	2368667	26.516	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	3015576	28.254	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.151	278	2508059	28.249	ng/ul#	96
96) Benzo(g,h,i)perylene	26.886	276	2428145	28.269	ng/ul#	93

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

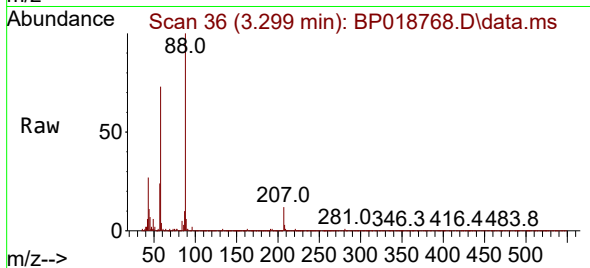
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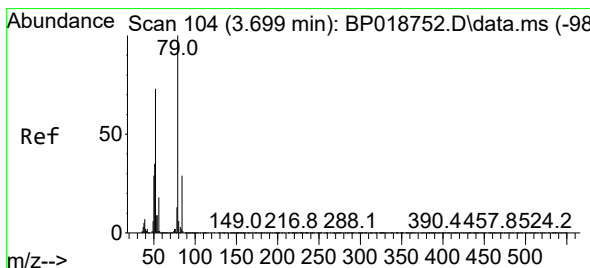
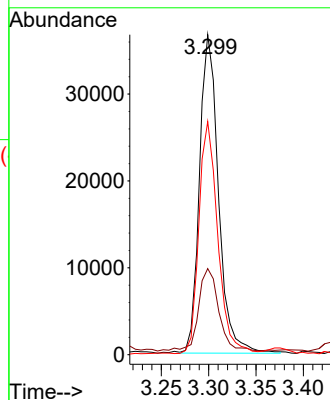
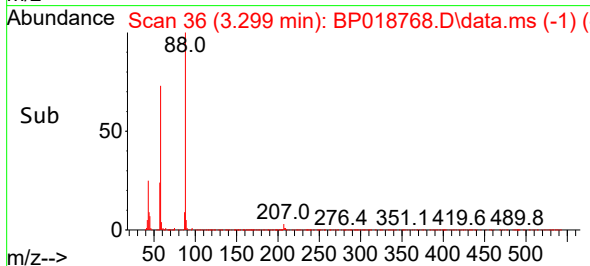


#2
1,4-Dioxane
Concen: 8.838 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Instrument :
BNA_P
ClientSampleId :

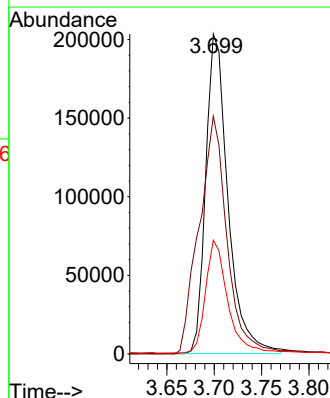
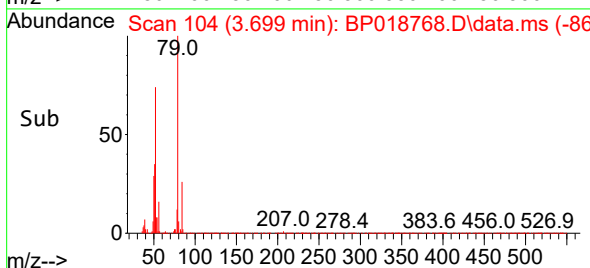
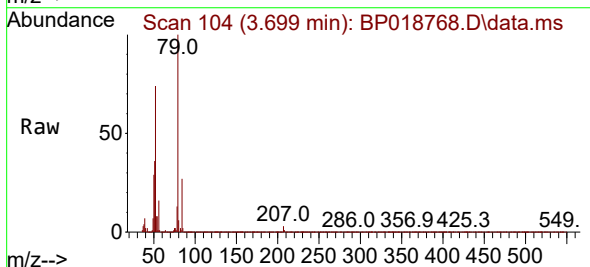


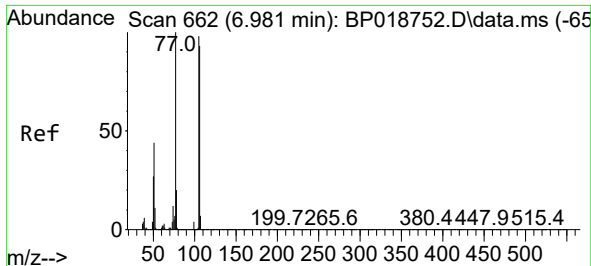
Tgt Ion:	88	Resp:	51169
Ion	Ratio	Lower	Upper
88	100		
43	26.9	21.8	32.6
58	72.9	56.5	84.7



#5
Pyridine
Concen: 23.327 ng/uL
RT: 3.699 min Scan# 104
Delta R.T. 0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:	79	Resp:	333140
Ion	Ratio	Lower	Upper
79	100		
52	74.3	57.4	86.0
51	35.5	26.2	39.4

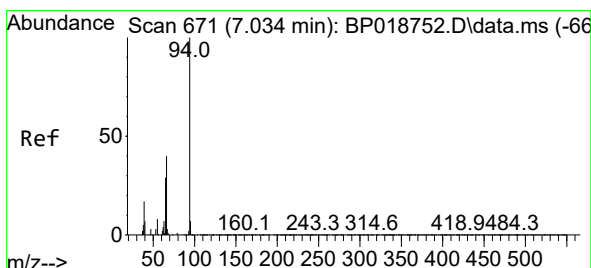
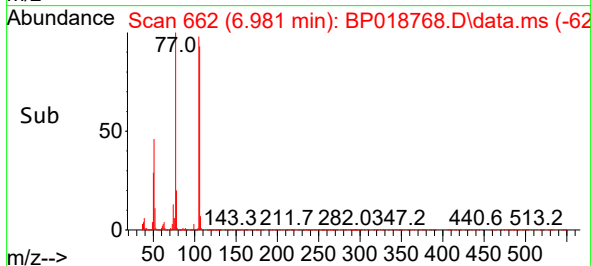
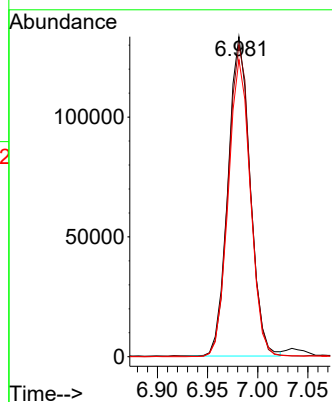
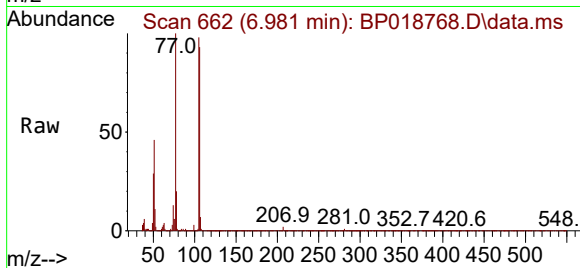




#6
Benzaldehyde
Concen: 21.988 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

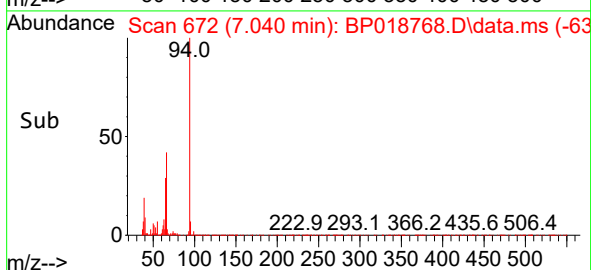
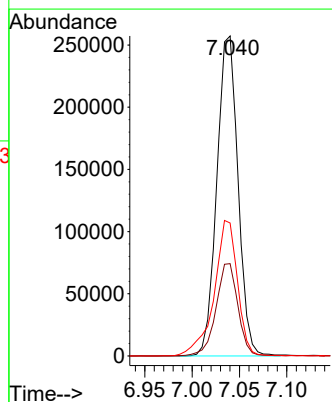
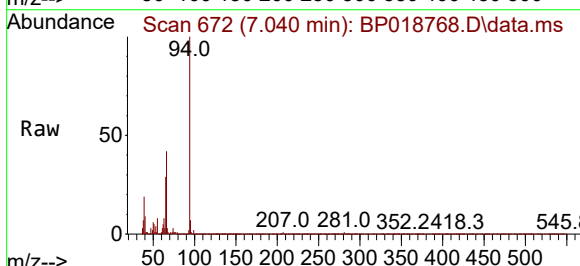
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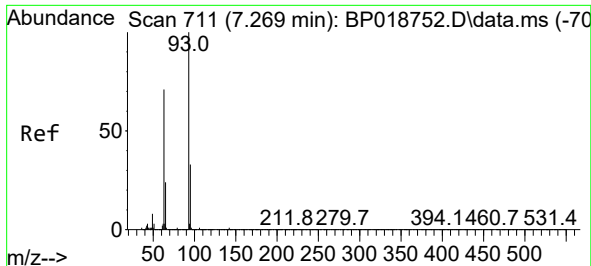
Tgt Ion: 77 Resp: 204975
Ion Ratio Lower Upper
77 100
105 97.5 77.9 116.9
106 92.8 74.6 111.8



#8
Phenol
Concen: 22.598 ng/ul
RT: 7.040 min Scan# 672
Delta R.T. 0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

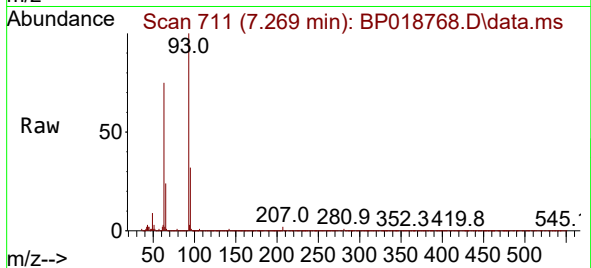
Tgt Ion: 94 Resp: 400135
Ion Ratio Lower Upper
94 100
65 28.8 21.0 31.6
66 41.6 28.6 43.0



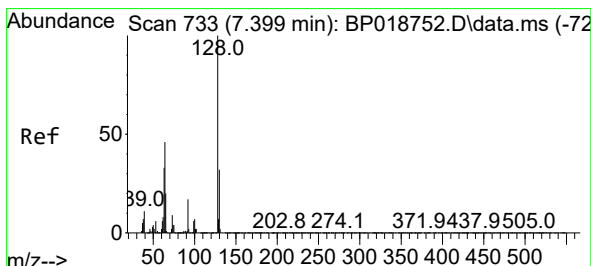
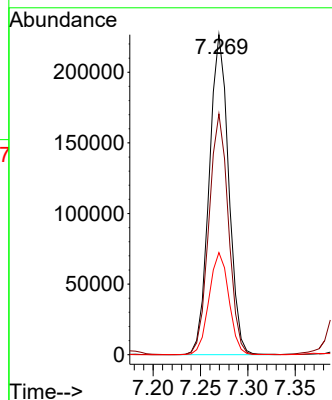
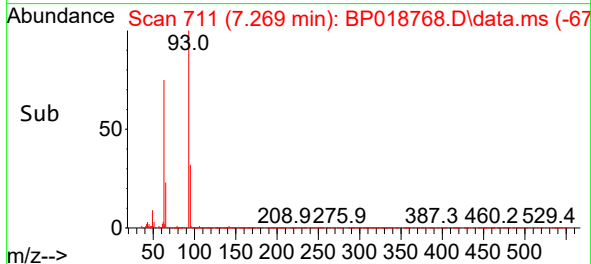


#10
Bis(2-Chloroethyl)ether
Concen: 22.267 ng/ul
RT: 7.269 min Scan# 711
Delta R.T. 0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

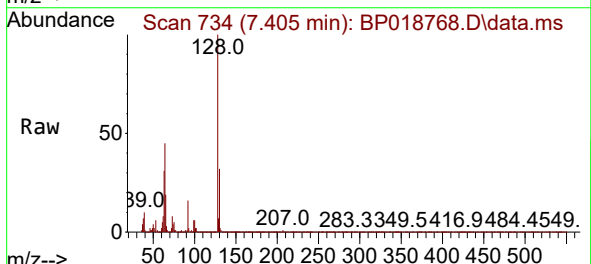
Instrument :
BNA_P
ClientSampleId :



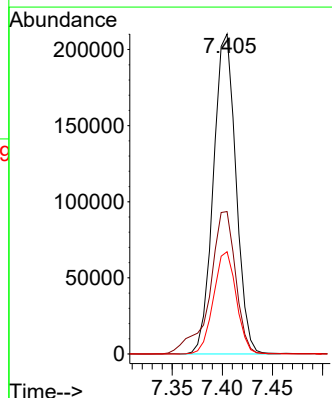
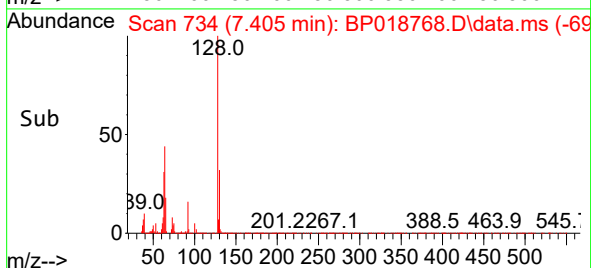
Tgt Ion: 93 Resp: 323795
Ion Ratio Lower Upper
93 100
63 75.2 58.3 87.5
95 31.9 25.9 38.9

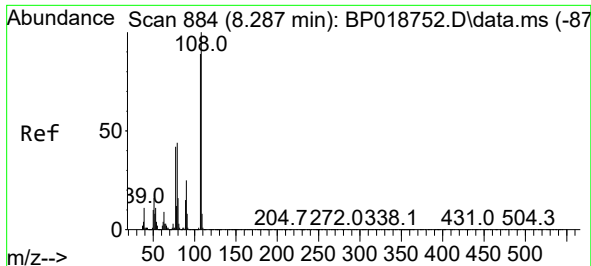


#12
2-Chlorophenol
Concen: 23.065 ng/ul
RT: 7.405 min Scan# 734
Delta R.T. 0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11



Tgt Ion:128 Resp: 328883
Ion Ratio Lower Upper
128 100
64 44.5 37.0 55.4
130 31.9 26.8 40.2





#13

2-Methylphenol

Concen: 21.744 ng/ul

RT: 8.287 min Scan# 884

Delta R.T. 0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

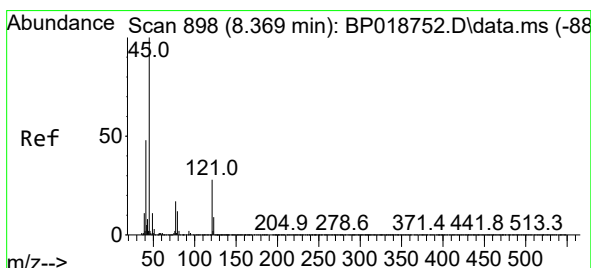
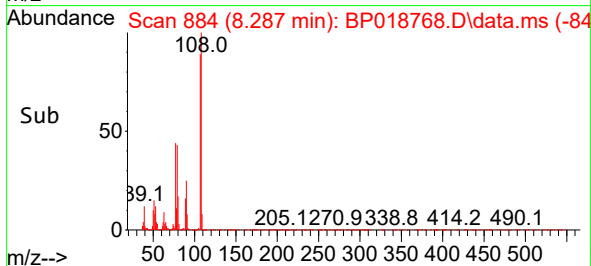
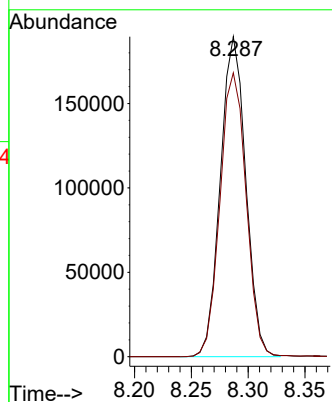
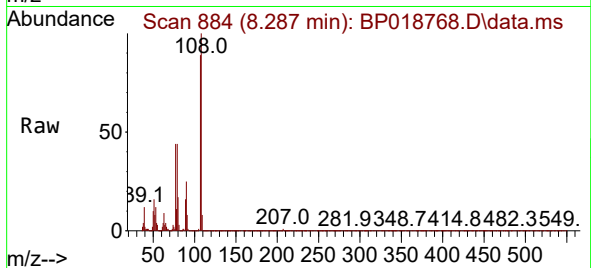
ClientSampleId :

Tgt Ion:108 Resp: 294762

Ion Ratio Lower Upper

108 100

107 88.7 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.154 ng/ul

RT: 8.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

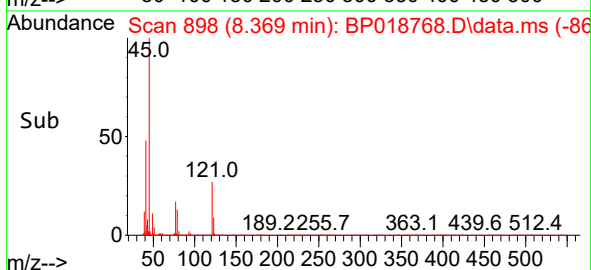
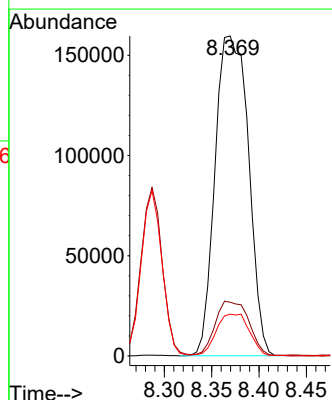
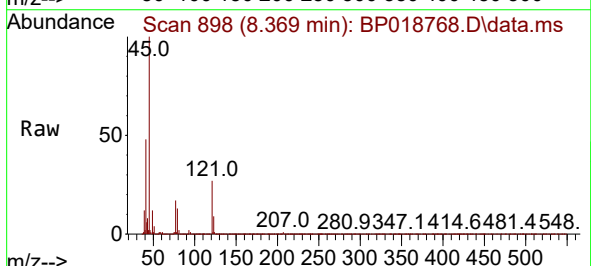
Tgt Ion: 45 Resp: 390317

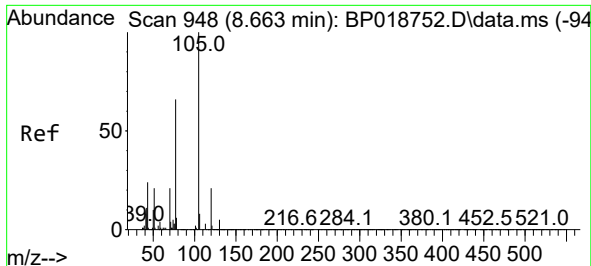
Ion Ratio Lower Upper

45 100

77 16.8 12.7 19.1

79 13.1 10.5 15.7

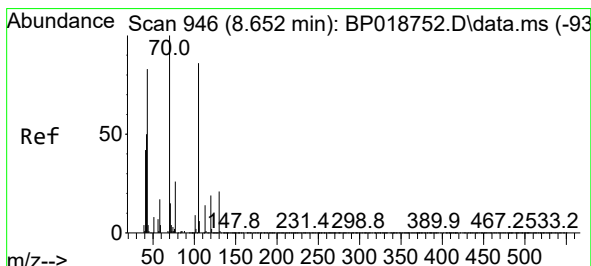
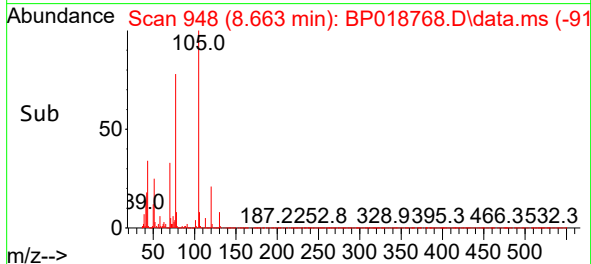
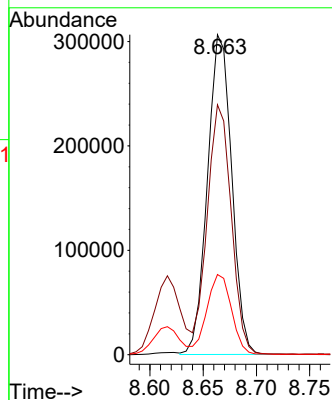
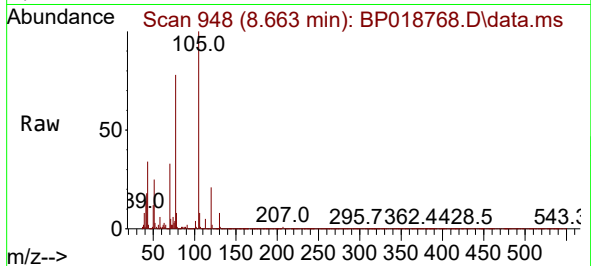




#16
Acetophenone
Concen: 22.282 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

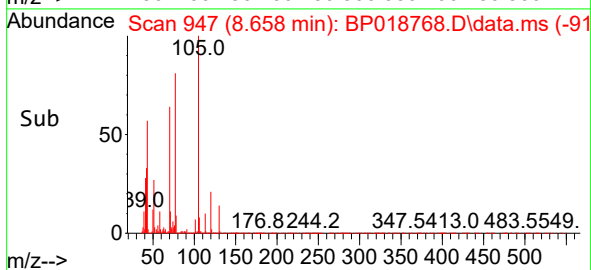
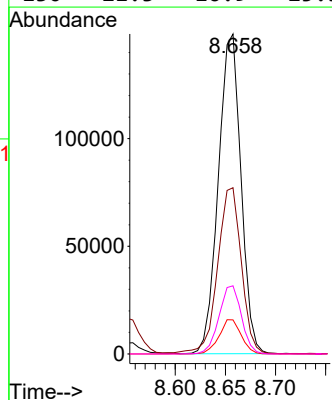
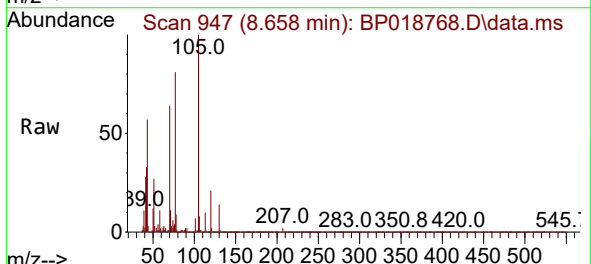
Instrument :
BNA_P
ClientSampleId :

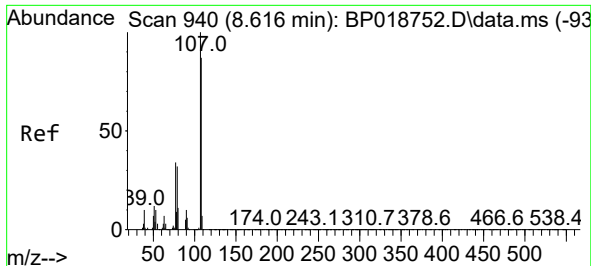
Tgt Ion:105 Resp: 485228
Ion Ratio Lower Upper
105 100
77 78.1 59.4 89.0
51 25.0 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 19.430 ng/ul
RT: 8.658 min Scan# 947
Delta R.T. 0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion: 70 Resp: 232765
Ion Ratio Lower Upper
70 100
42 51.9 41.0 61.4
101 10.7 7.8 11.8
130 21.3 16.9 25.3

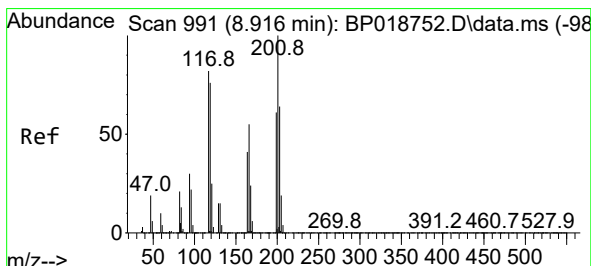
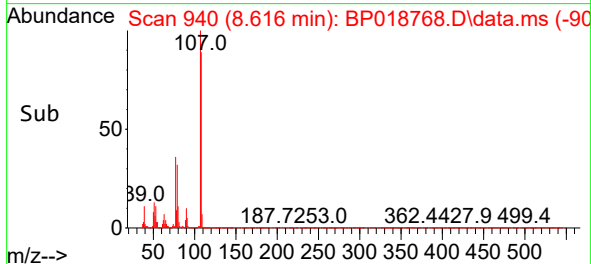
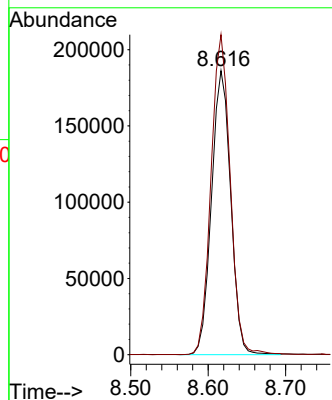
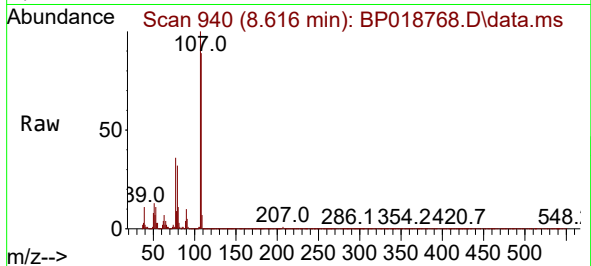




#18
4-Methylphenol
Concen: 21.684 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

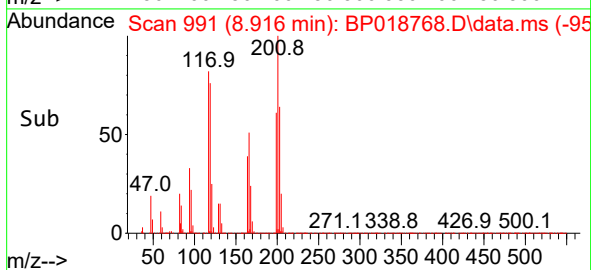
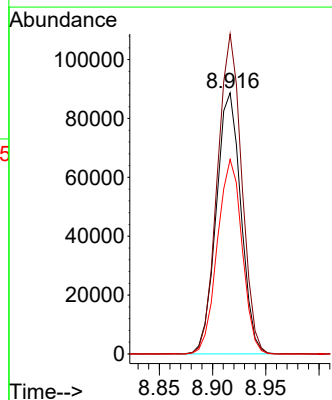
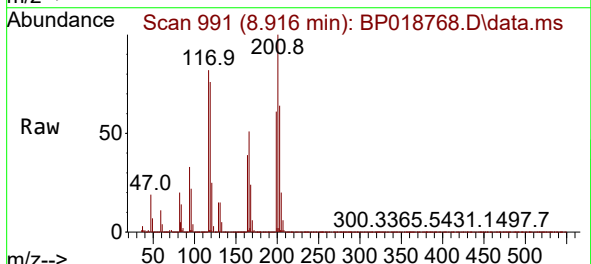
Instrument :
BNA_P
ClientSampleId :

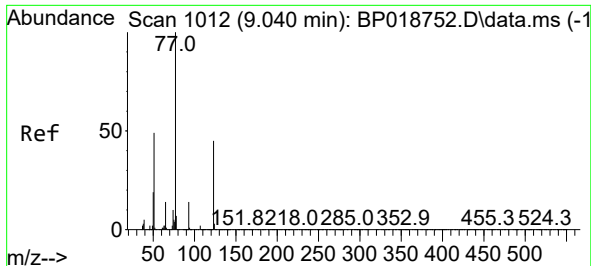
Tgt Ion:108 Resp: 320967
Ion Ratio Lower Upper
108 100
107 112.7 90.6 136.0



#19
Hexachloroethane
Concen: 24.418 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:117 Resp: 142735
Ion Ratio Lower Upper
117 100
201 122.6 83.7 125.5
199 74.5 52.3 78.5





#22

Nitrobenzene

Concen: 25.974 ng/ul

RT: 9.046 min Scan# 1012

Delta R.T. 0.006 min

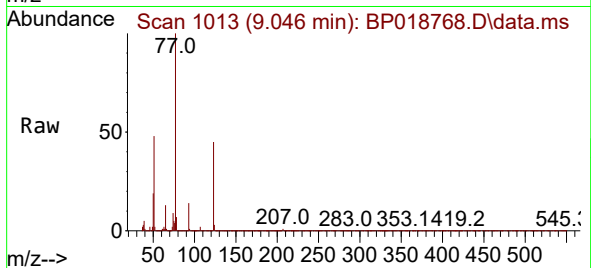
Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

ClientSampleId :



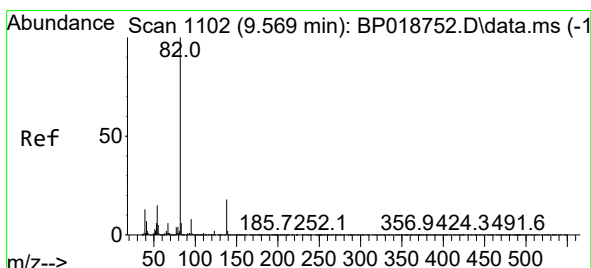
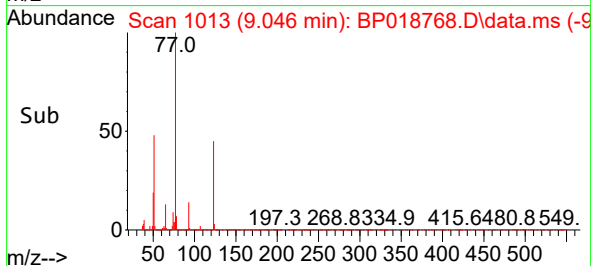
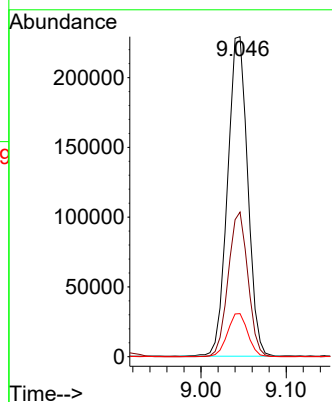
Tgt Ion: 77 Resp: 375986

Ion Ratio Lower Upper

77 100

123 45.2 35.8 53.8

65 13.4 10.5 15.7



#23

Isophorone

Concen: 23.063 ng/ul

RT: 9.569 min Scan# 1102

Delta R.T. 0.000 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

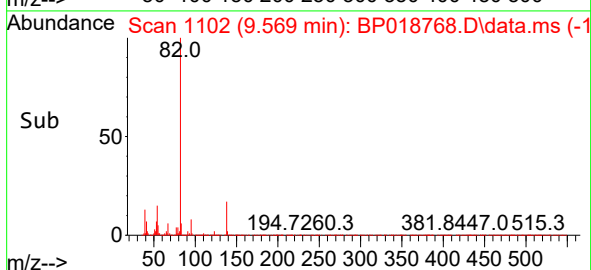
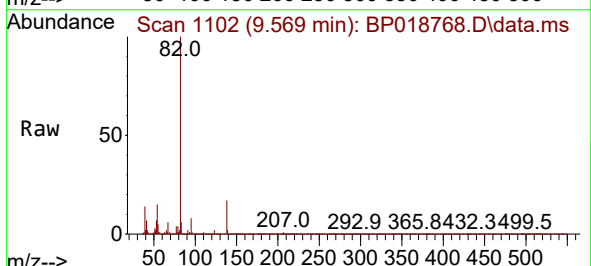
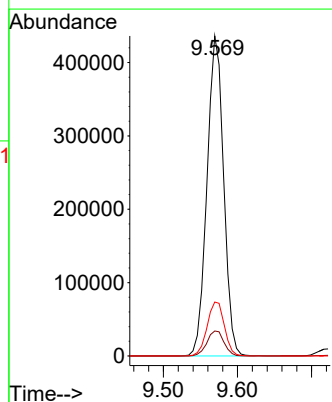
Tgt Ion: 82 Resp: 680672

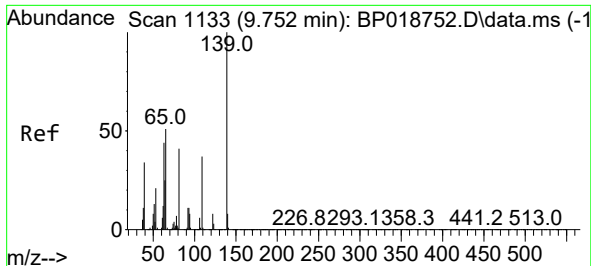
Ion Ratio Lower Upper

82 100

95 7.8 5.5 8.3

138 16.9 13.5 20.3

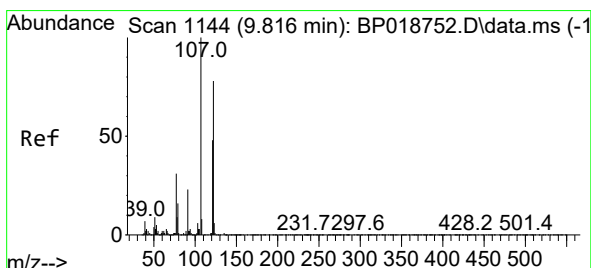
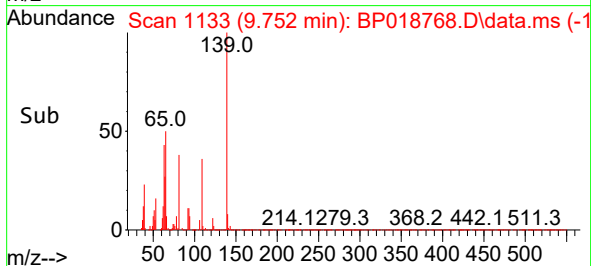
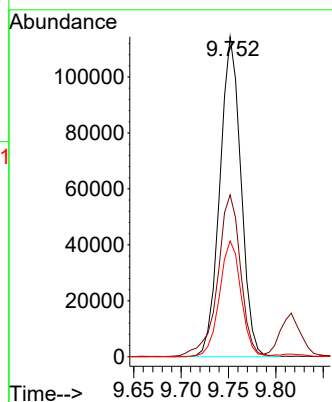
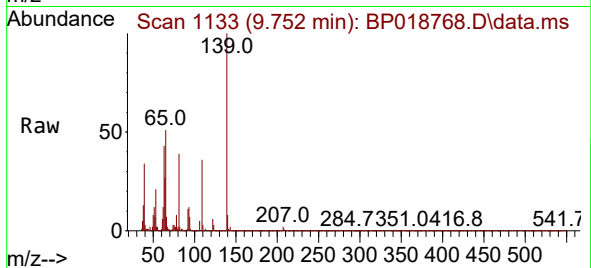




#25
2-Nitrophenol
Concen: 26.870 ng/ul
RT: 9.752 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

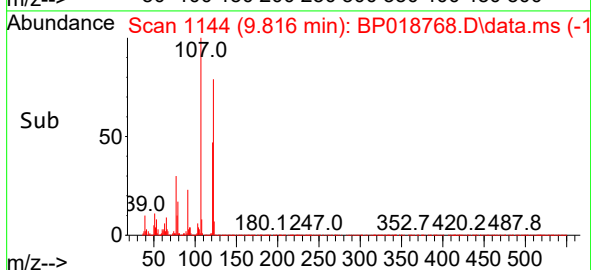
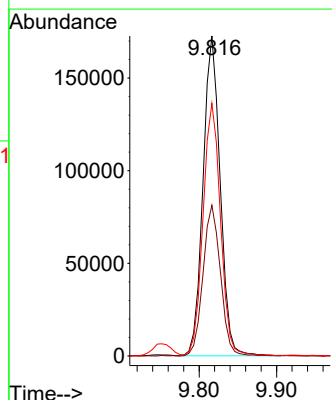
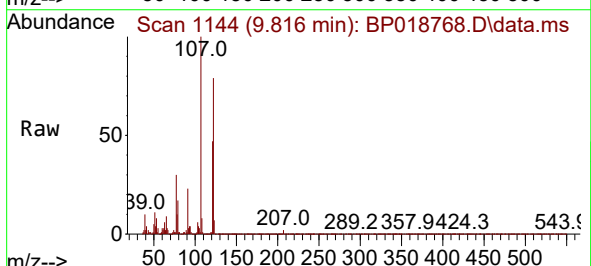
Instrument :
BNA_P
ClientSampleId :

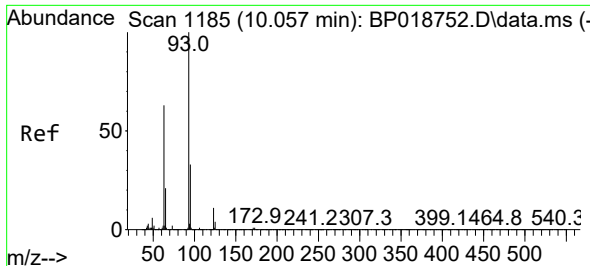
Tgt Ion:139 Resp: 177584
Ion Ratio Lower Upper
139 100
65 50.5 39.1 58.7
109 36.1 23.8 35.6#



#26
2,4-Dimethylphenol
Concen: 20.549 ng/ul
RT: 9.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:107 Resp: 265610
Ion Ratio Lower Upper
107 100
121 47.1 40.0 60.0
122 79.0 69.1 103.7

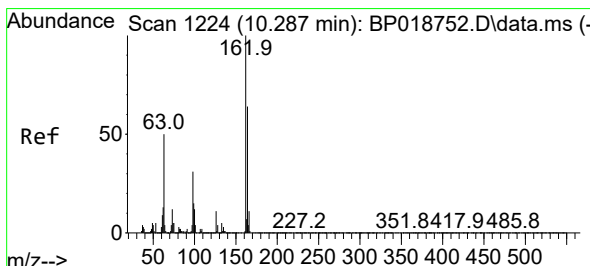
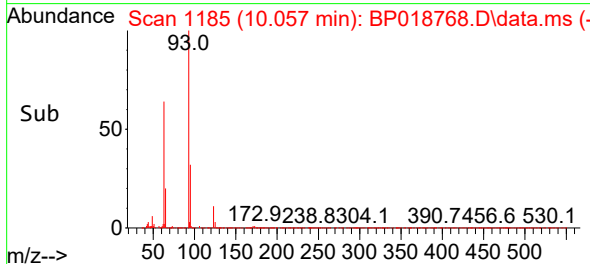
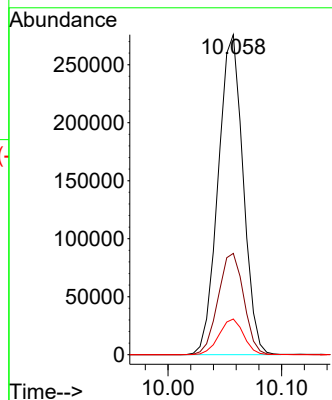
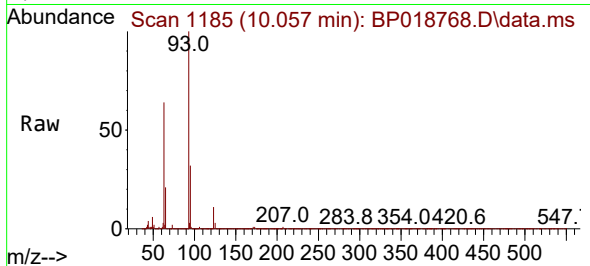




#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.585 ng/ul
 RT: 10.057 min Scan# 1185
 Delta R.T. 0.000 min
 Lab File: BP018768.D
 Acq: 12 Dec 2023 15:11

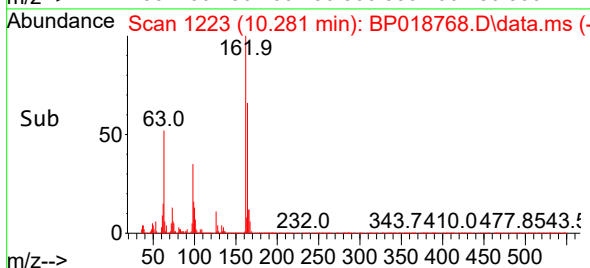
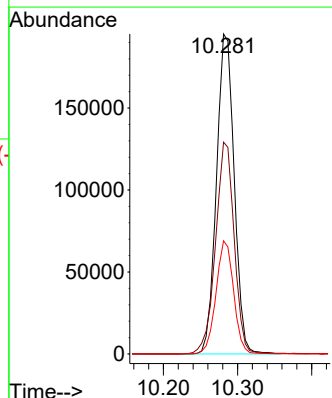
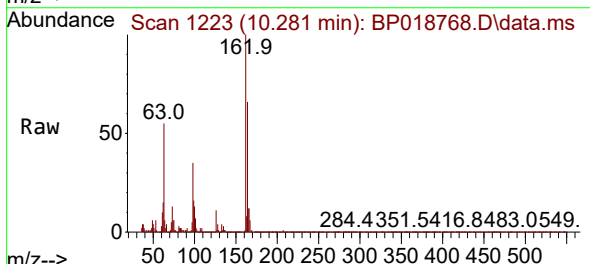
Instrument :
 BNA_P
 ClientSampleId :

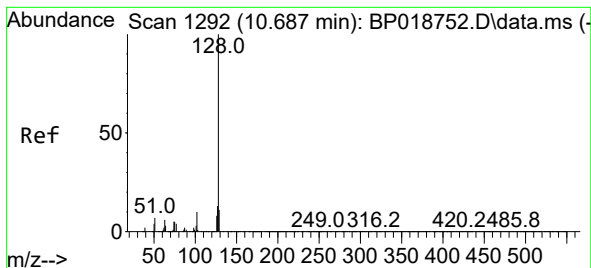
Tgt Ion: 93 Resp: 420821
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.1 39.1
 123 11.2 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 26.734 ng/ul
 RT: 10.281 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: BP018768.D
 Acq: 12 Dec 2023 15:11

Tgt Ion: 162 Resp: 325020
 Ion Ratio Lower Upper
 162 100
 164 66.2 51.7 77.5
 98 35.3 29.2 43.8





#30

Naphthalene

Concen: 24.388 ng/ul

RT: 10.687 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNP_P

ClientSampleId :

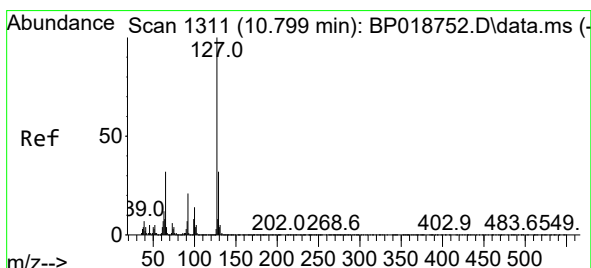
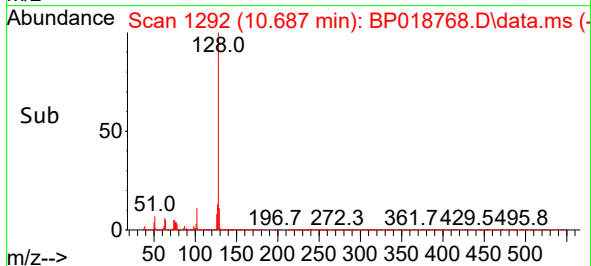
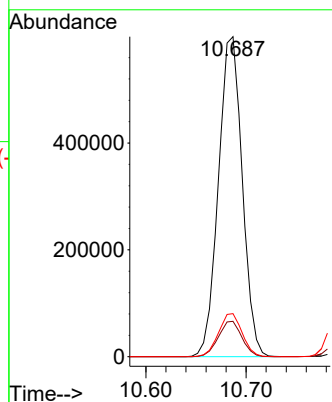
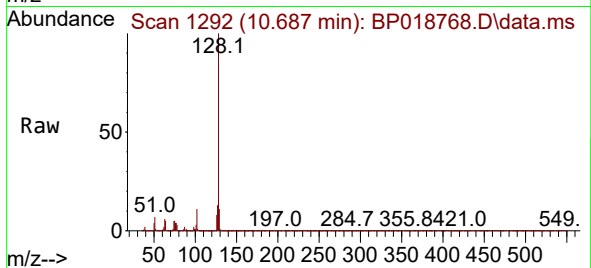
Tgt Ion:128 Resp: 989661

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.5 10.5 15.7



#32

4-Chloroaniline

Concen: 20.629 ng/ul

RT: 10.799 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BP018768.D

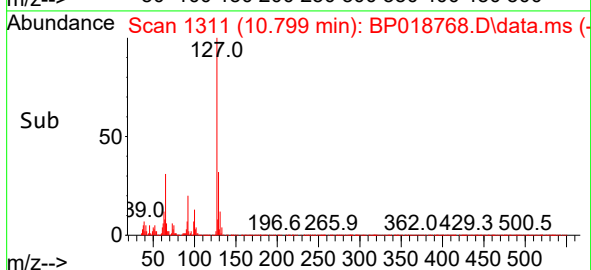
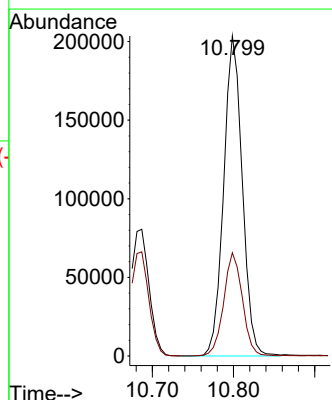
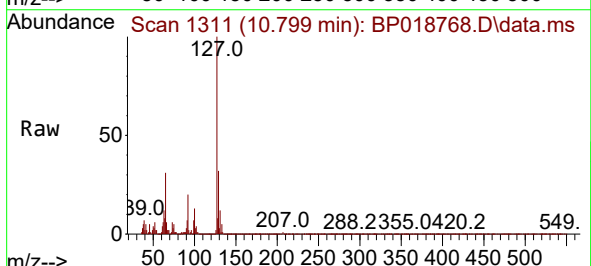
Acq: 12 Dec 2023 15:11

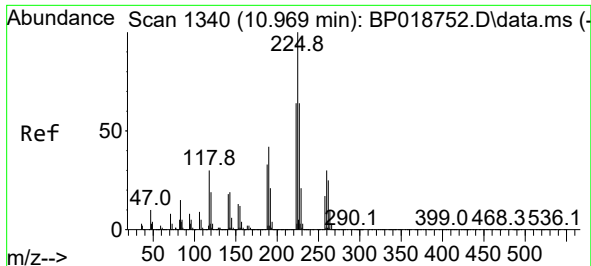
Tgt Ion:127 Resp: 324321

Ion Ratio Lower Upper

127 100

129 32.3 25.6 38.4

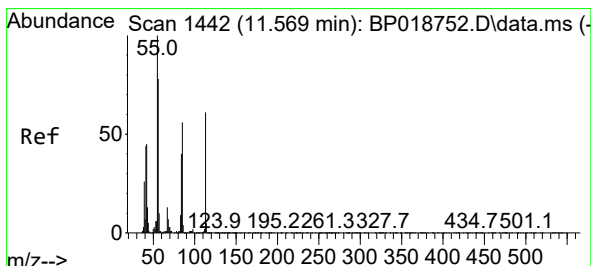
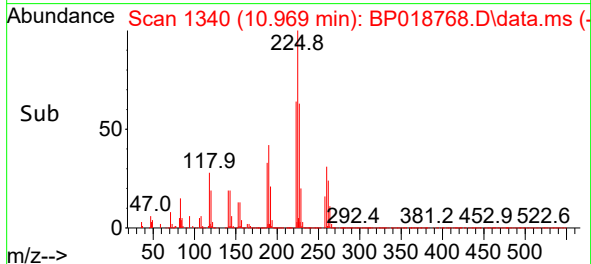
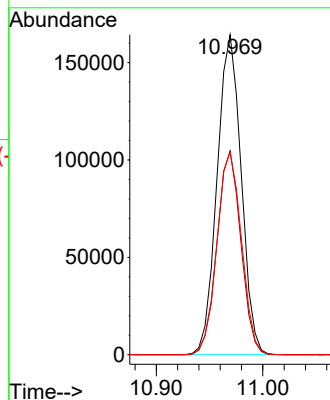
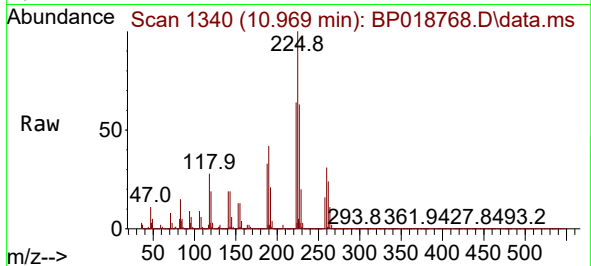




#33
Hexachlorobutadiene
Concen: 31.662 ng/ul
RT: 10.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

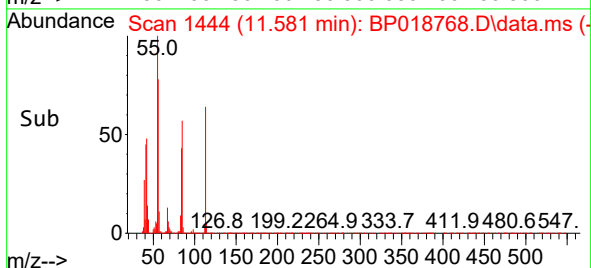
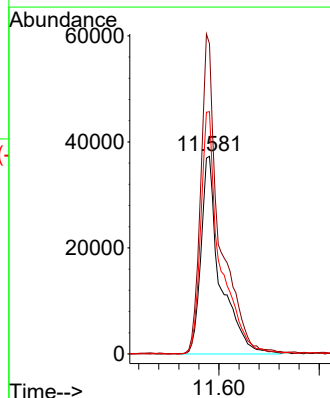
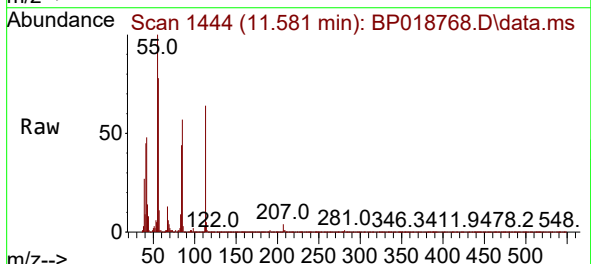
Instrument :
BNA_P
ClientSampleId :

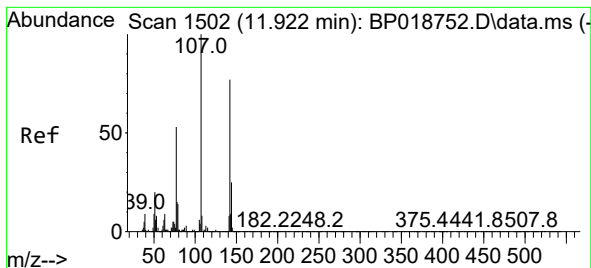
Tgt Ion:225 Resp: 257793
Ion Ratio Lower Upper
225 100
223 63.7 49.5 74.3
227 63.3 50.9 76.3



#34
Caprolactam
Concen: 26.498 ng/ul
RT: 11.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:113 Resp: 98780
Ion Ratio Lower Upper
113 100
55 157.0 133.7 200.5
56 122.5 97.4 146.2

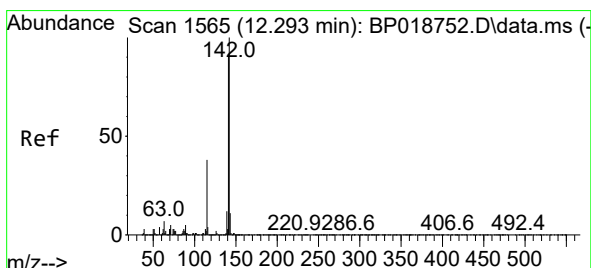
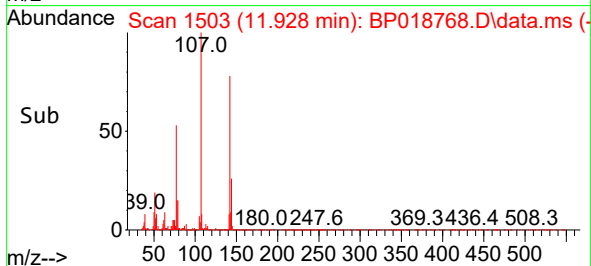
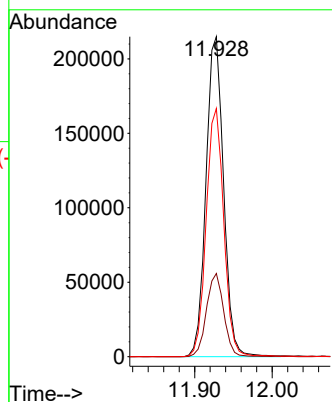
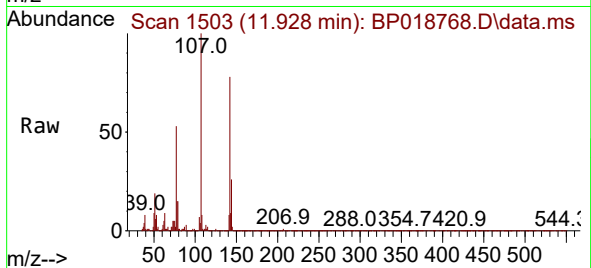




#35
4-Chloro-3-methylphenol
Concen: 24.853 ng/ul
RT: 11.928 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

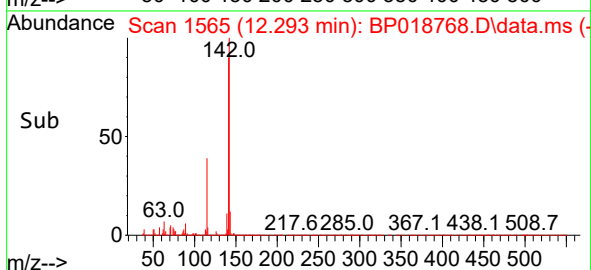
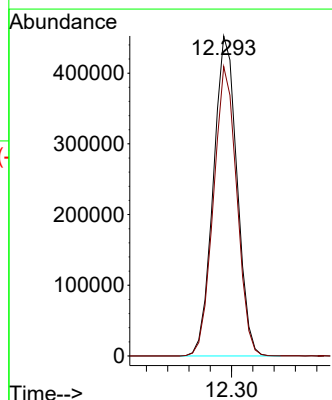
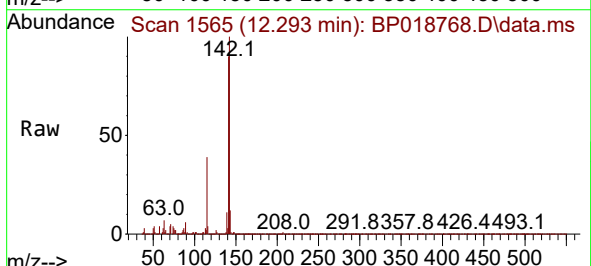
Instrument :
BNA_P
ClientSampleId :

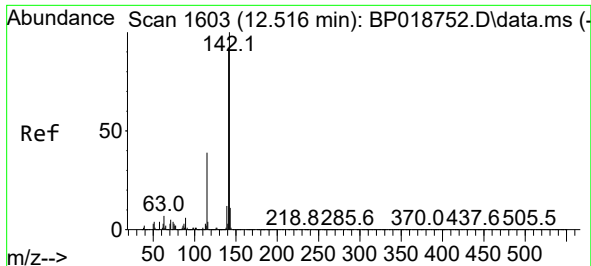
Tgt Ion:107 Resp: 338479
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.6
142 77.5 63.6 95.4



#36
2-Methylnaphthalene
Concen: 24.231 ng/ul
RT: 12.293 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:142 Resp: 696619
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.0





#37

1-Methylnaphthalene

Concen: 23.624 ng/ul

RT: 12.516 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

ClientSampleId :

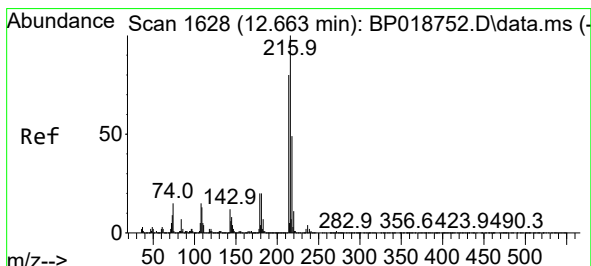
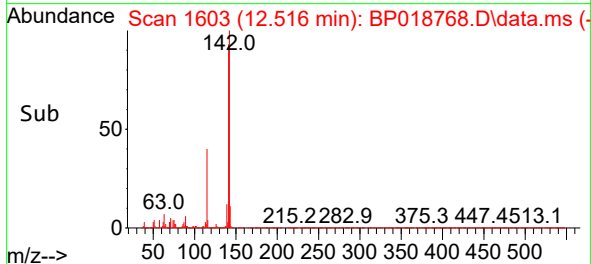
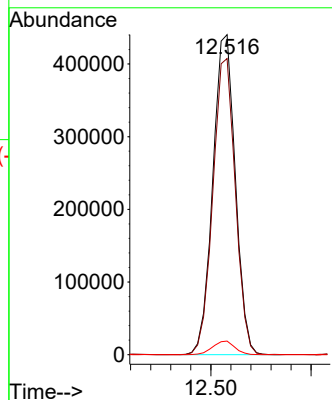
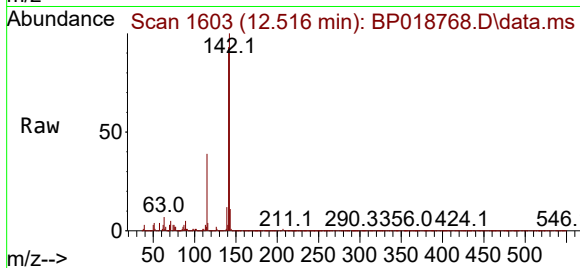
Tgt Ion:142 Resp: 685876

Ion Ratio Lower Upper

142 100

141 92.6 73.5 110.3

116 4.2 2.8 4.2#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.108 ng/ul

RT: 12.663 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Tgt Ion:216 Resp: 455883

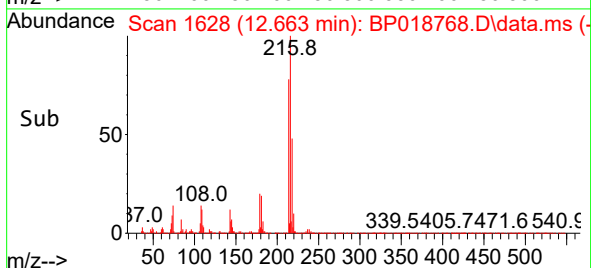
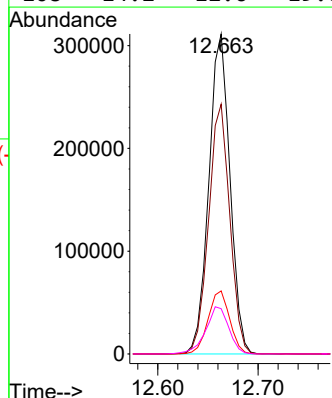
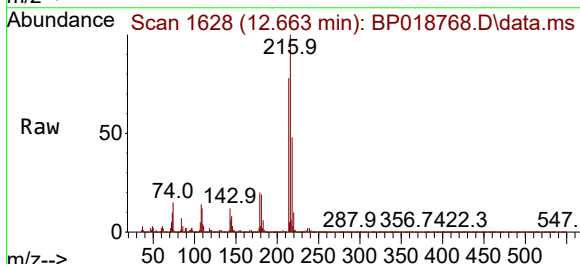
Ion Ratio Lower Upper

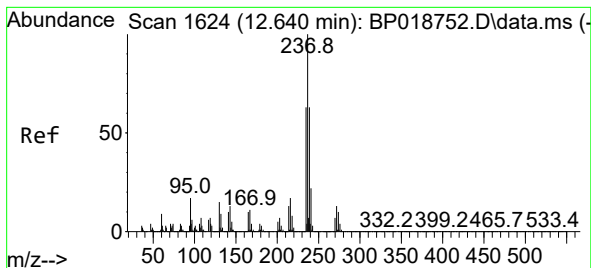
216 100

214 78.1 63.9 95.9

179 19.7 16.3 24.5

108 14.2 12.6 19.0

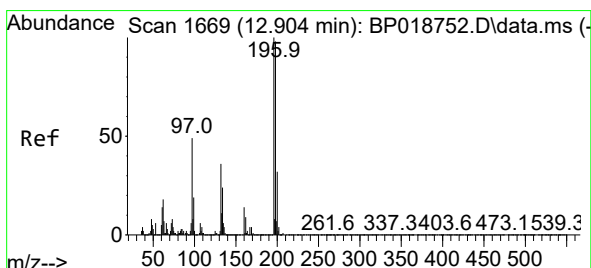
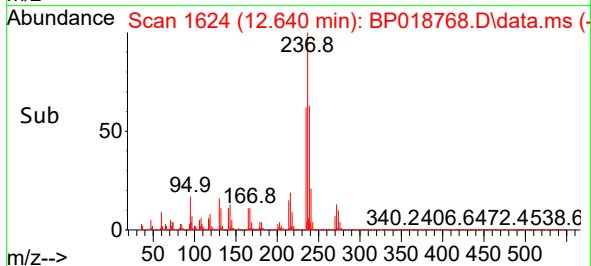
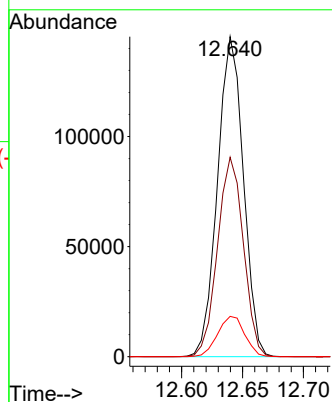
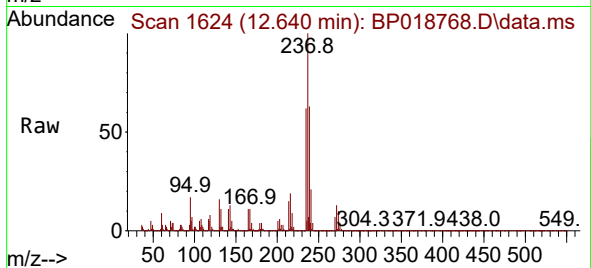




#40
Hexachlorocyclopentadiene
Concen: 23.172 ng/ul
RT: 12.640 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

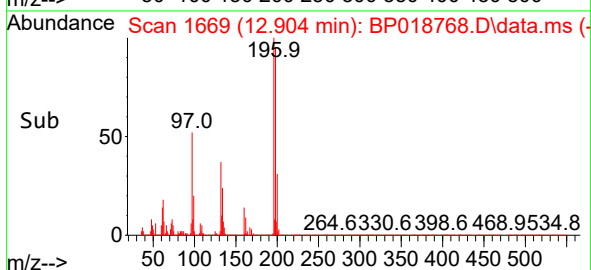
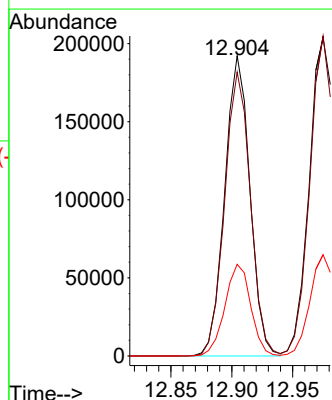
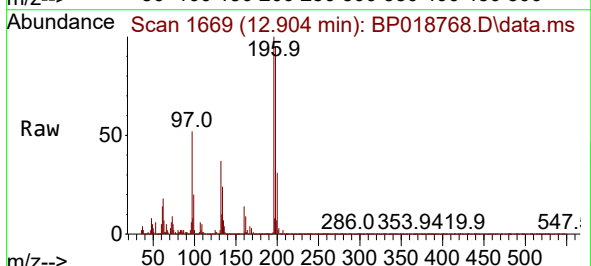
Instrument :
BNA_P
ClientSampleId :

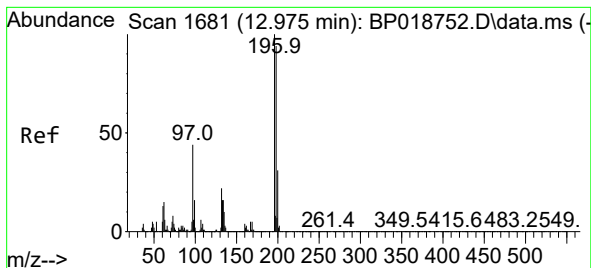
Tgt Ion:237 Resp: 215113
Ion Ratio Lower Upper
237 100
235 62.3 49.4 74.0
272 13.4 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 27.505 ng/ul
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:196 Resp: 277116
Ion Ratio Lower Upper
196 100
198 94.5 76.9 115.3
200 30.5 25.0 37.6

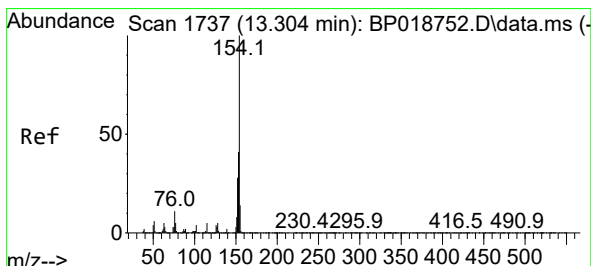
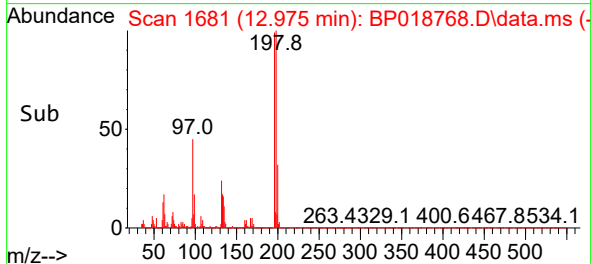
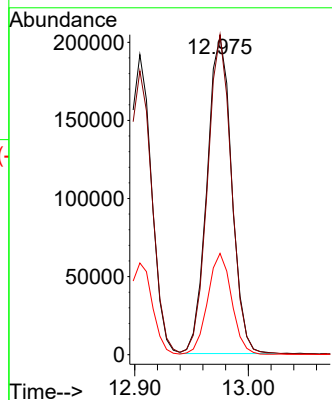
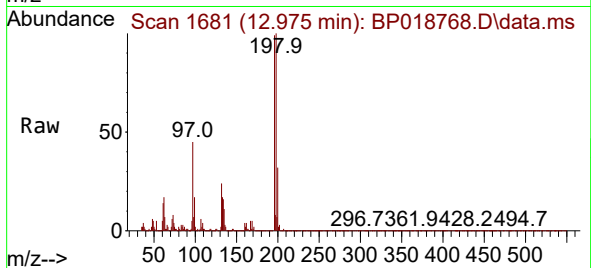




#42
2,4,5-Trichlorophenol
Concen: 27.972 ng/ul
RT: 12.975 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

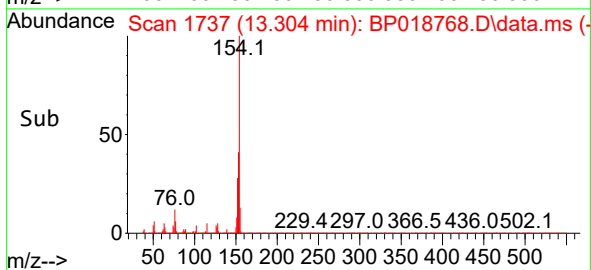
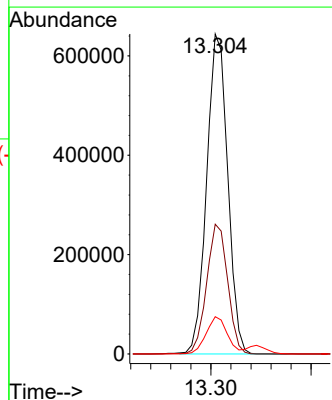
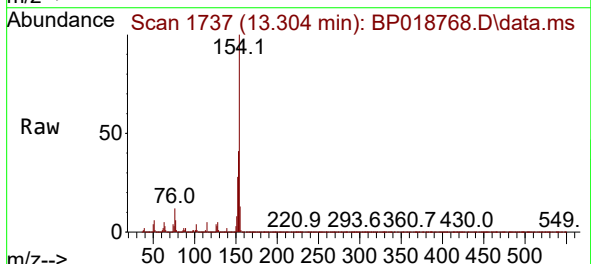
Instrument :
BNA_P
ClientSampleId :

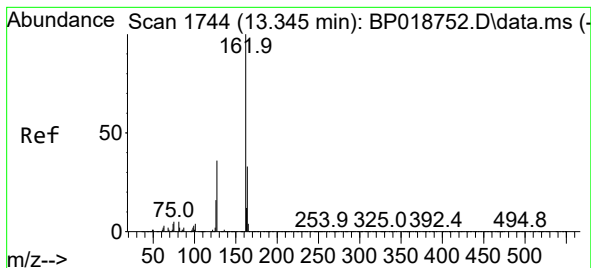
Tgt Ion:196 Resp: 305531
Ion Ratio Lower Upper
196 100
198 100.6 77.9 116.9
200 31.9 25.2 37.8



#43
1,1'-Biphenyl
Concen: 25.153 ng/ul
RT: 13.304 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

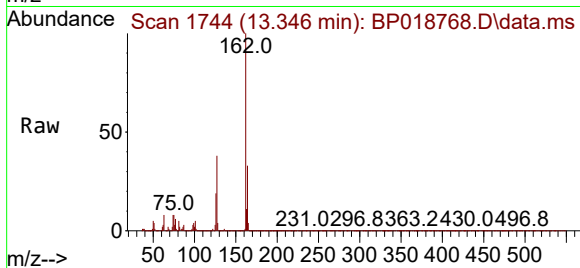
Tgt Ion:154 Resp: 939073
Ion Ratio Lower Upper
154 100
153 40.6 32.8 49.2
76 11.7 10.7 16.1



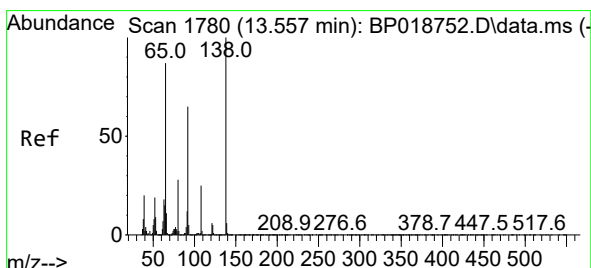
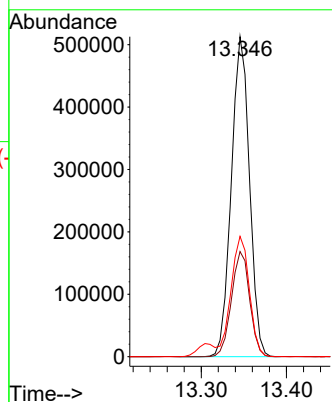
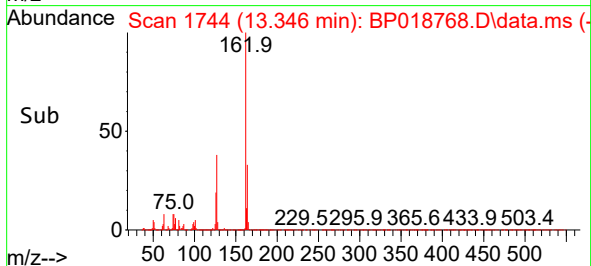


#44
2-Chloronaphthalene
Concen: 25.773 ng/ul
RT: 13.346 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

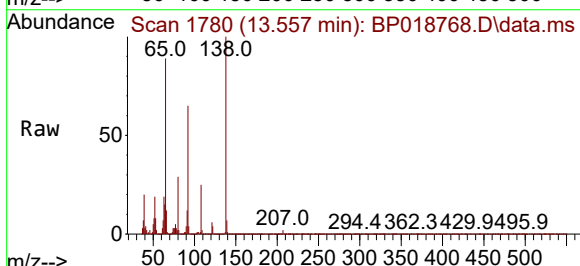
Instrument :
BNA_P
ClientSampleId :



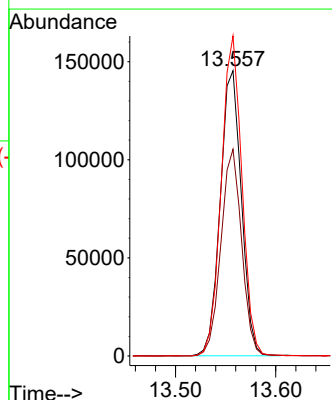
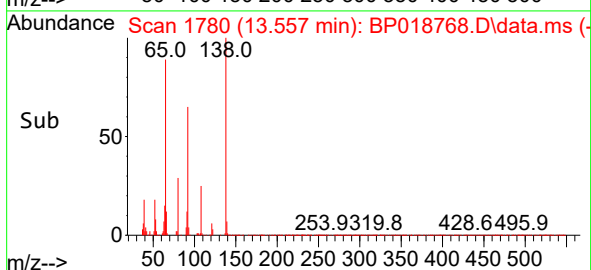
Tgt Ion:162 Resp: 759960
Ion Ratio Lower Upper
162 100
164 32.9 25.7 38.5
127 37.6 30.3 45.5

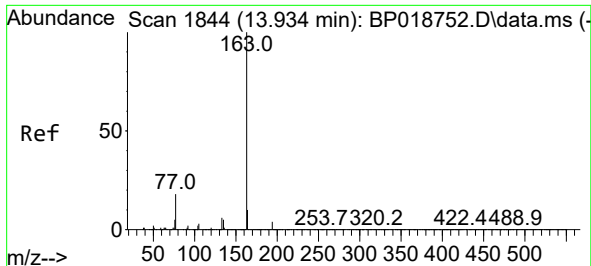


#45
2-Nitroaniline
Concen: 26.624 ng/ul
RT: 13.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11



Tgt Ion: 65 Resp: 212827
Ion Ratio Lower Upper
65 100
92 72.5 56.9 85.3
138 112.2 88.2 132.2

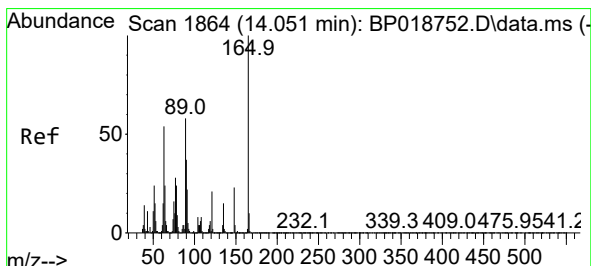
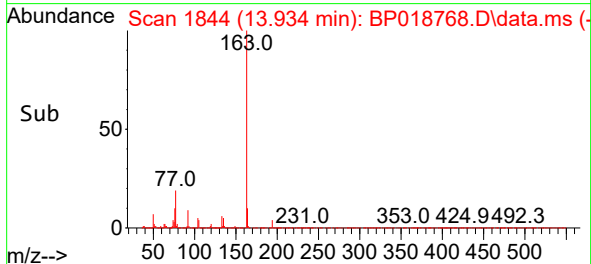
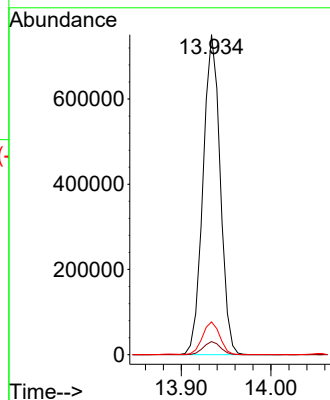
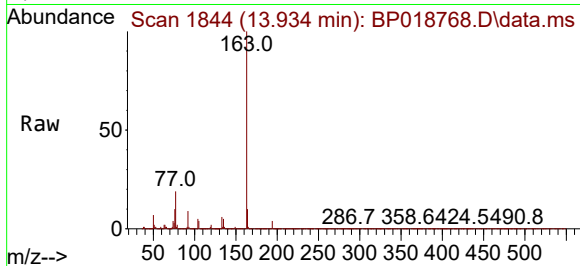




#47
Dimethylphthalate
Concen: 26.292 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

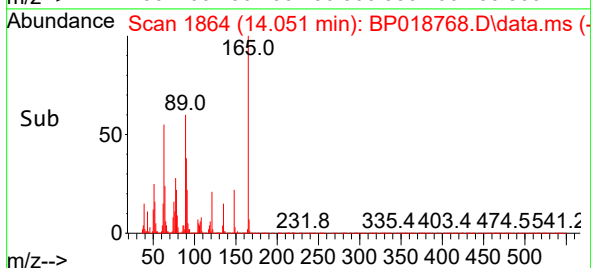
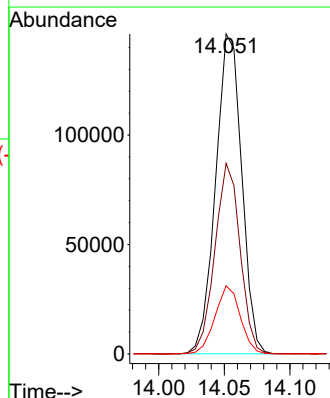
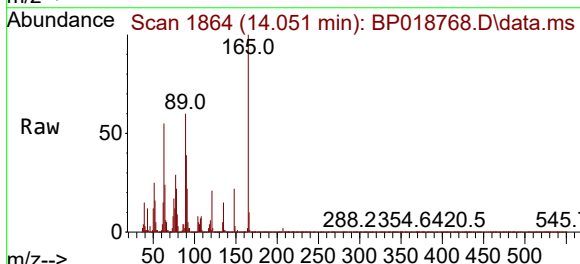
Instrument :
BNA_P
ClientSampleId :

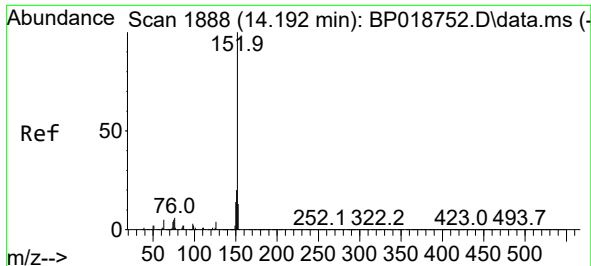
Tgt Ion:163 Resp: 997127
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 28.193 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:165 Resp: 202006
Ion Ratio Lower Upper
165 100
89 59.6 46.6 70.0
121 21.3 17.3 25.9

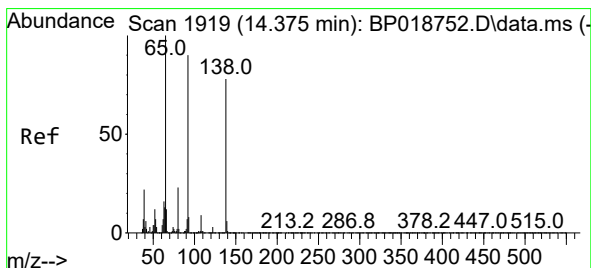
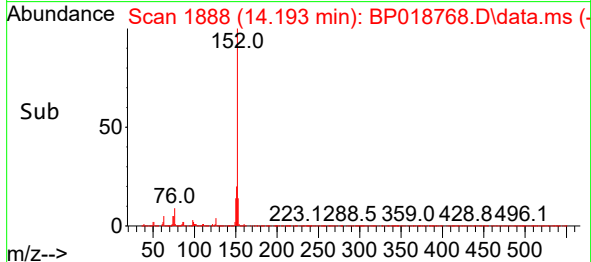
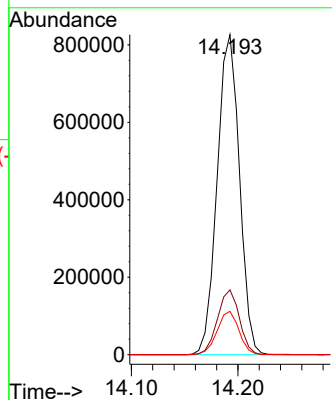
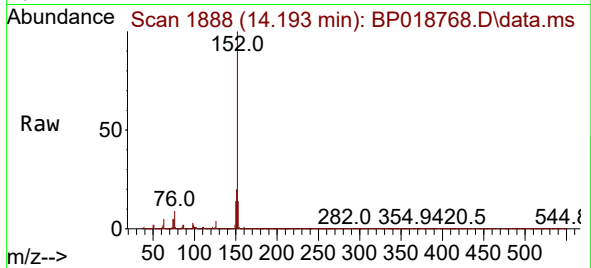




#50
Acenaphthylene
Concen: 25.151 ng/ul
RT: 14.193 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

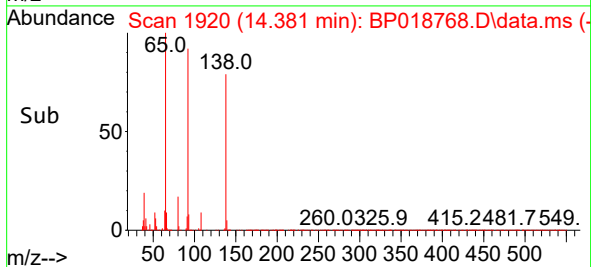
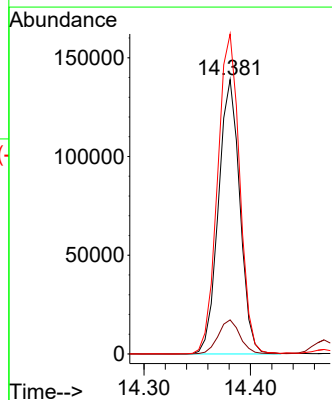
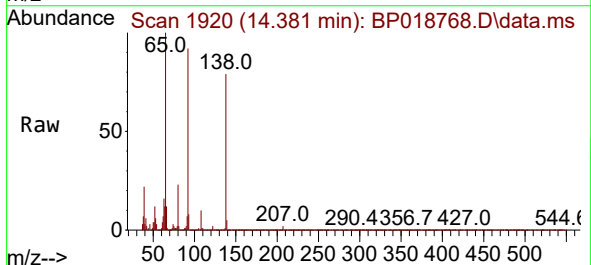
Instrument :
BNA_P
ClientSampleId :

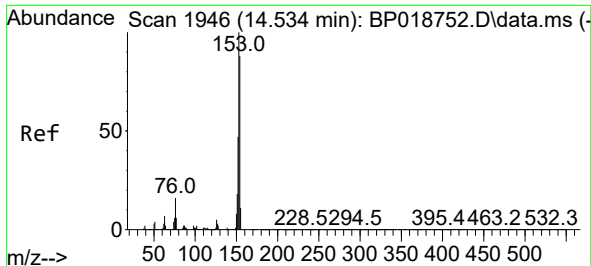
Tgt Ion:152 Resp: 1199648
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.5 10.6 16.0



#51
3-Nitroaniline
Concen: 27.107 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:138 Resp: 193887
Ion Ratio Lower Upper
138 100
108 12.4 9.5 14.3
92 116.6 93.1 139.7

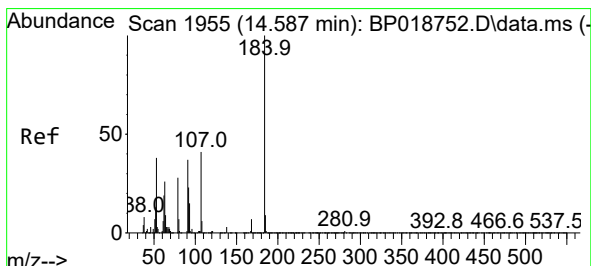
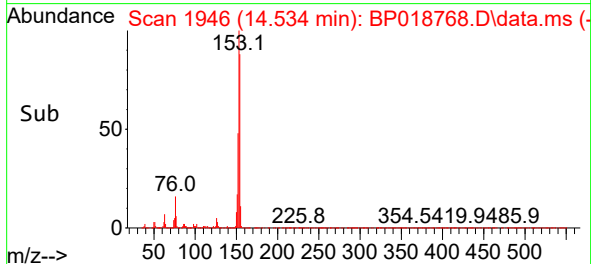
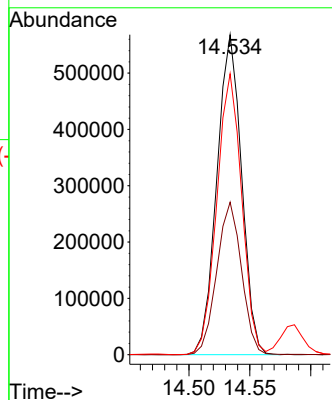
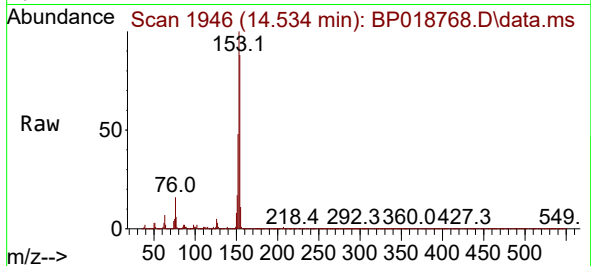




#52
Acenaphthene
Concen: 25.472 ng/ul
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

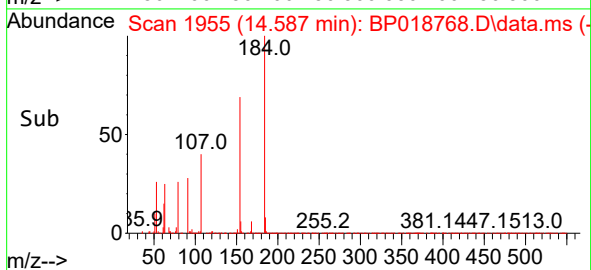
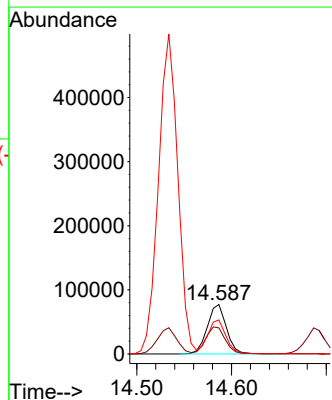
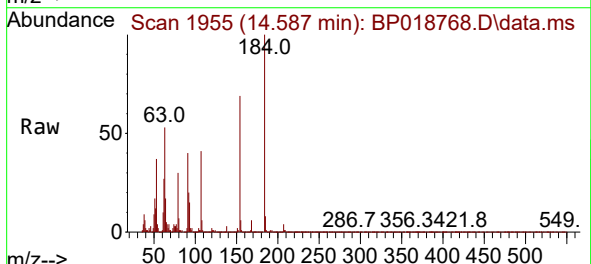
Instrument :
BNA_P
ClientSampleId :

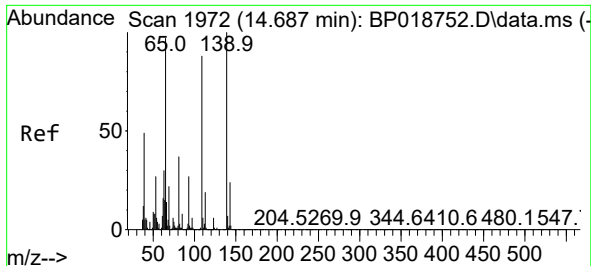
Tgt Ion:153 Resp: 803325
Ion Ratio Lower Upper
153 100
152 47.7 38.1 57.1
154 87.8 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 28.319 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:184 Resp: 107542
Ion Ratio Lower Upper
184 100
63 52.6 48.2 72.4
154 68.8 49.1 73.7

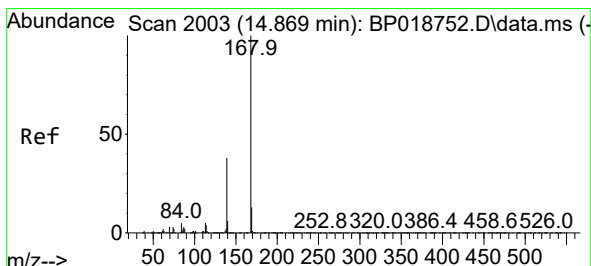
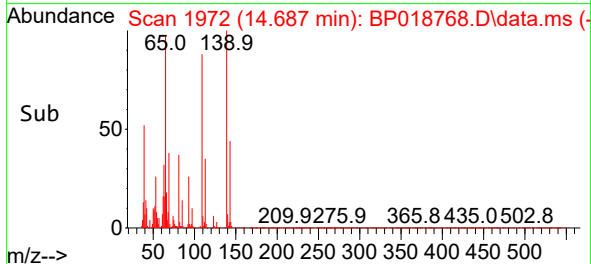
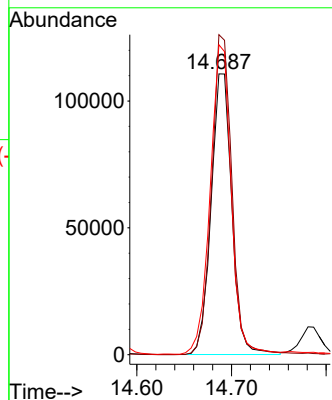
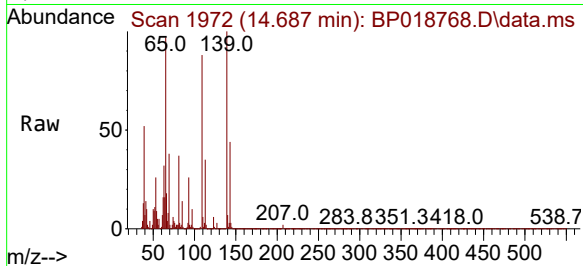




#55
4-Nitrophenol
Concen: 35.090 ng/ul
RT: 14.687 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

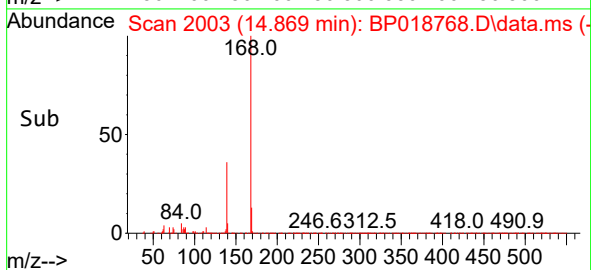
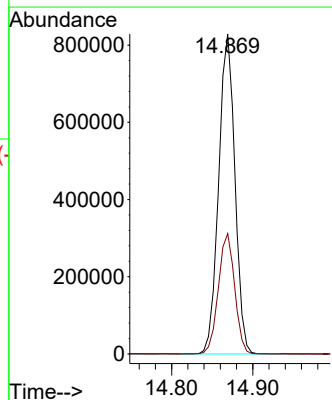
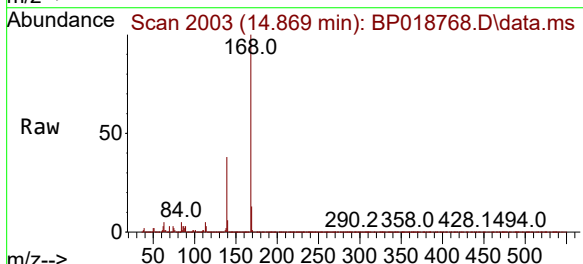
Instrument :
BNA_P
ClientSampleId :

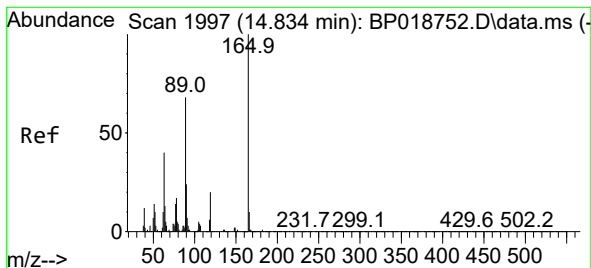
Tgt Ion:109 Resp: 167658
Ion Ratio Lower Upper
109 100
139 114.0 109.0 163.4
65 110.4 106.2 159.4



#56
Dibenzofuran
Concen: 26.337 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:168 Resp: 1154421
Ion Ratio Lower Upper
168 100
139 37.6 29.1 43.7

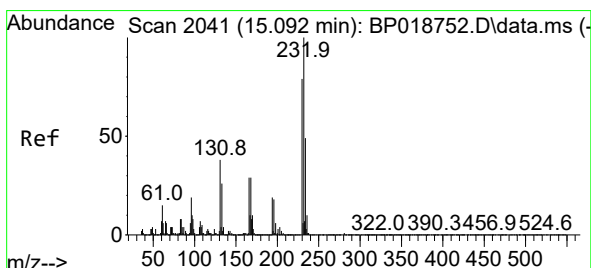
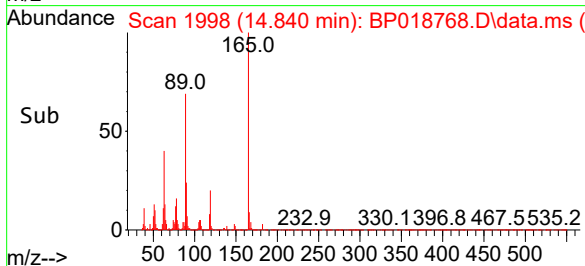
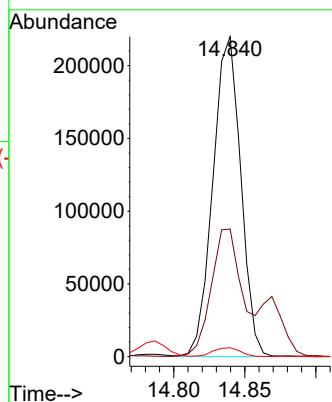
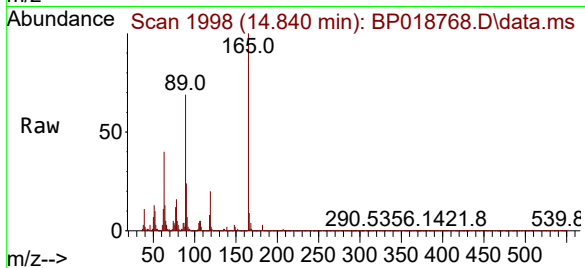




#57
2,4-Dinitrotoluene
Concen: 29.747 ng/ul
RT: 14.840 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

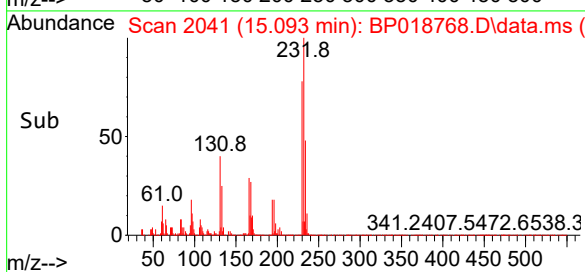
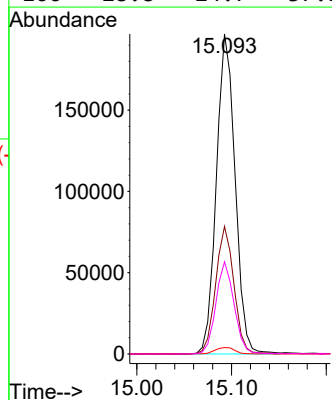
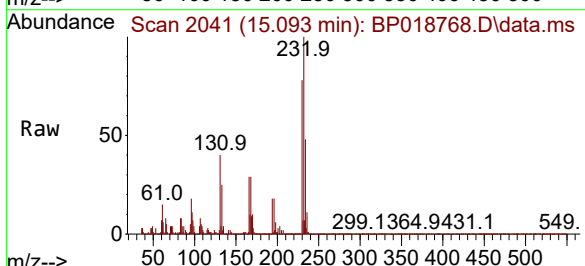
Instrument :
BNA_P
ClientSampleId :

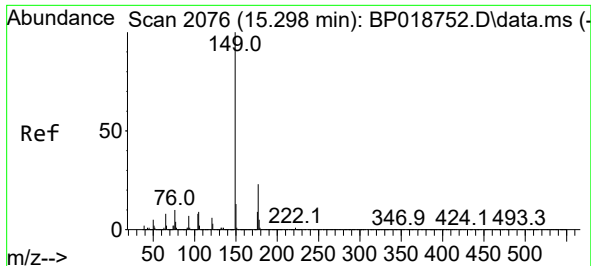
Tgt Ion:165 Resp: 299819
Ion Ratio Lower Upper
165 100
63 39.9 32.7 49.1
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.599 ng/ul
RT: 15.093 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:232 Resp: 271190
Ion Ratio Lower Upper
232 100
131 39.8 33.8 50.8
130 2.0 1.8 2.8
166 28.8 24.7 37.1

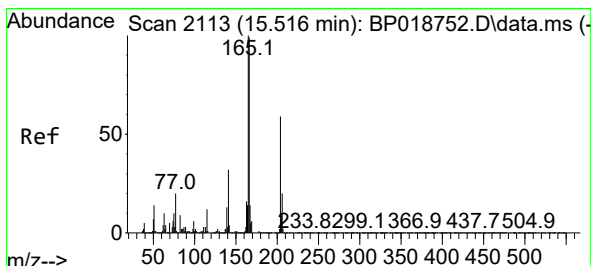
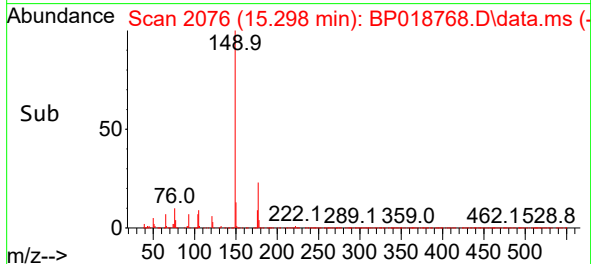
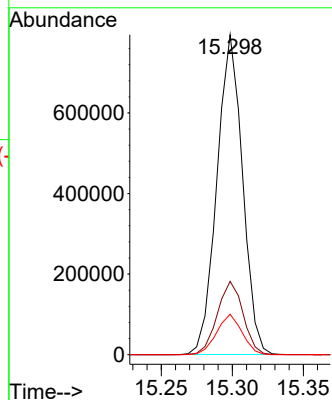
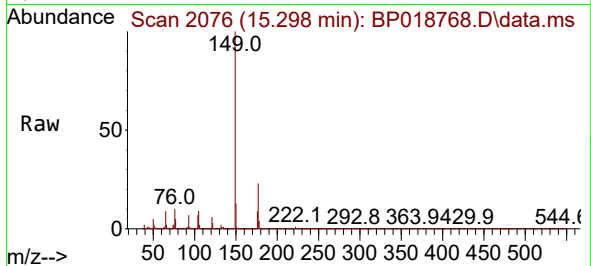




#59
Diethylphthalate
Concen: 26.784 ng/ul
RT: 15.298 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

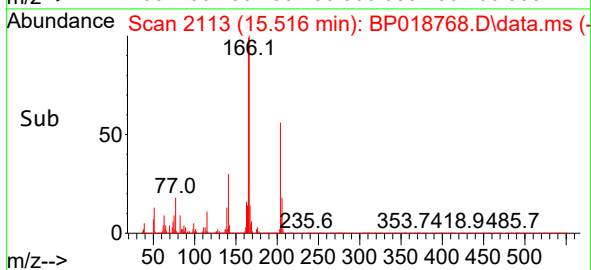
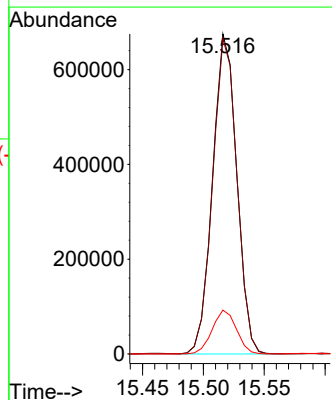
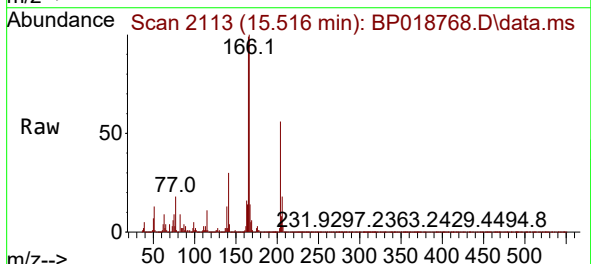
Instrument :
BNA_P
ClientSampleId :

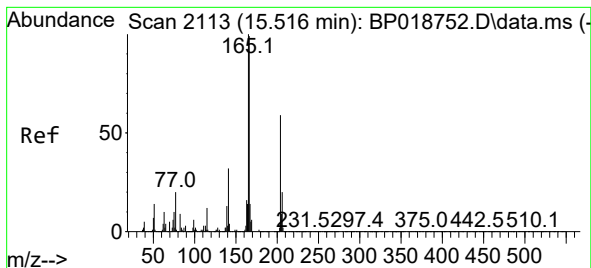
Tgt Ion:149 Resp: 993993
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.6 9.9 14.9



#61
Fluorene
Concen: 26.873 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:166 Resp: 932046
Ion Ratio Lower Upper
166 100
165 98.6 78.0 117.0
167 13.7 10.8 16.2

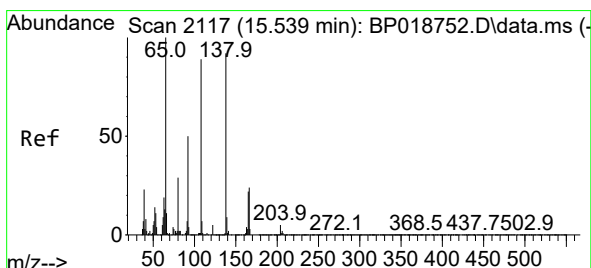
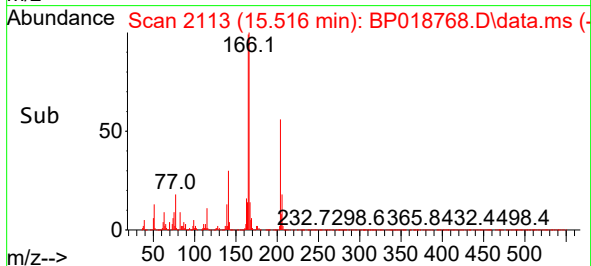
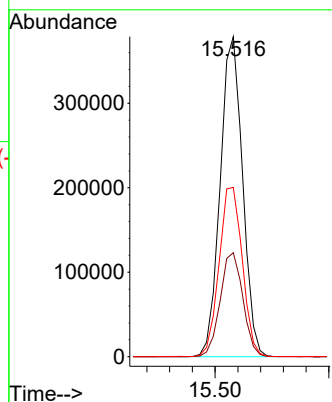
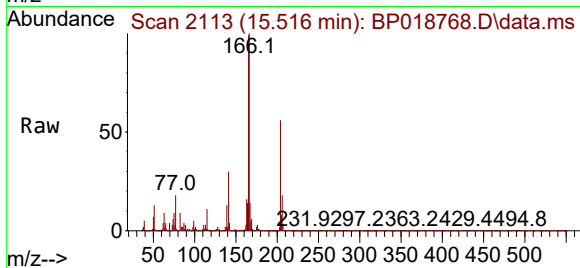




#62
4-Chlorophenyl-phenylether
Concen: 28.451 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

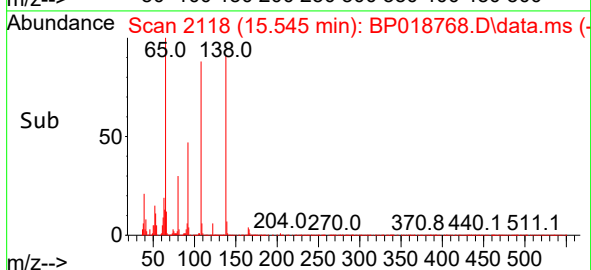
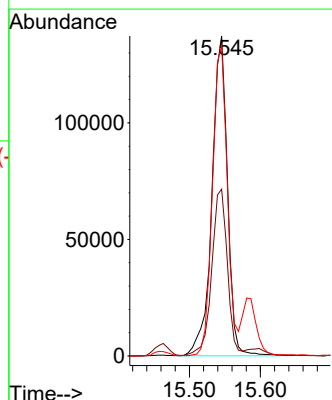
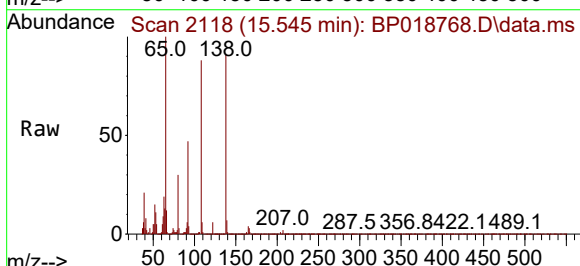
Instrument :
BNA_P
ClientSampleId :

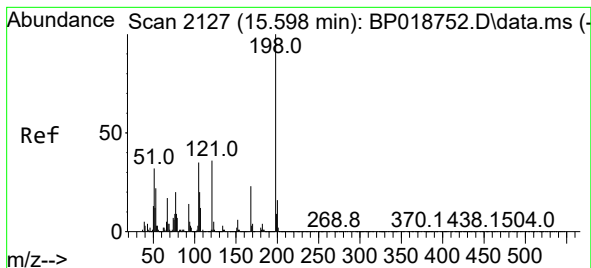
Tgt Ion:204 Resp: 517534
Ion Ratio Lower Upper
204 100
206 32.5 27.1 40.7
141 52.9 45.8 68.8



#63
4-Nitroaniline
Concen: 30.658 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:138 Resp: 208902
Ion Ratio Lower Upper
138 100
92 52.2 42.3 63.5
108 97.0 62.0 93.0#

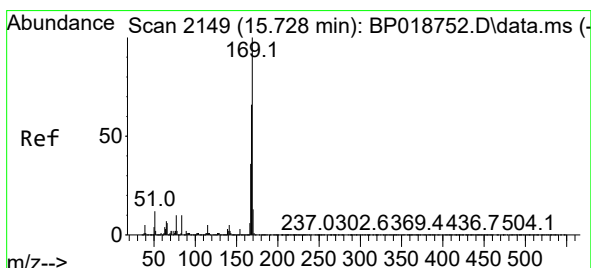
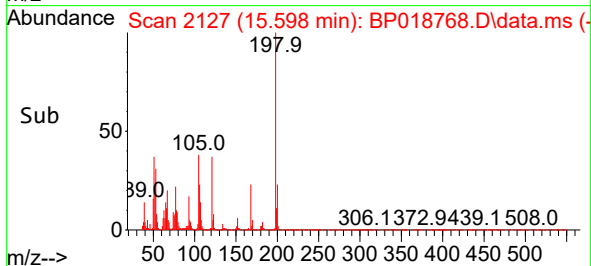
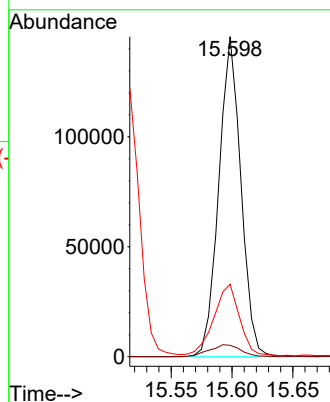
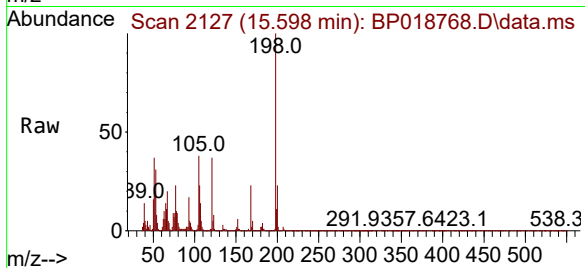




#66
4,6-Dinitro-2-methylphenol
Concen: 27.694 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

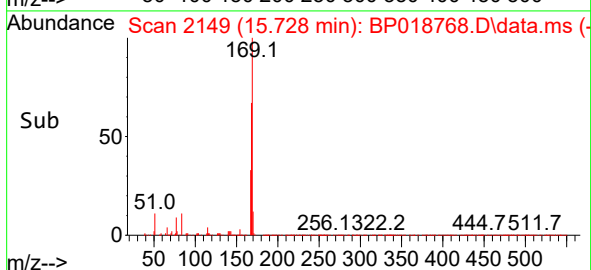
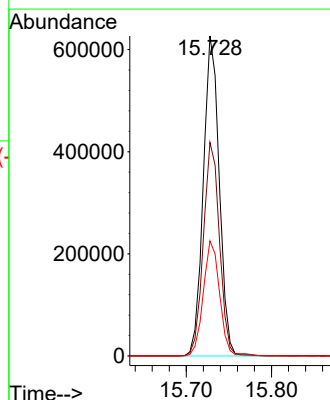
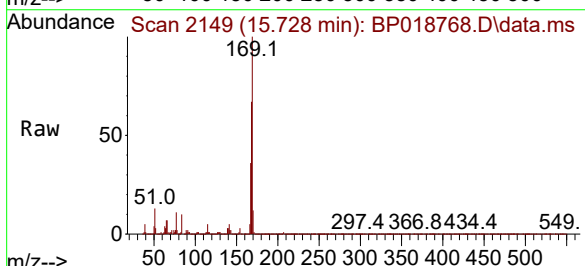
Instrument :
BNA_P
ClientSampleId :

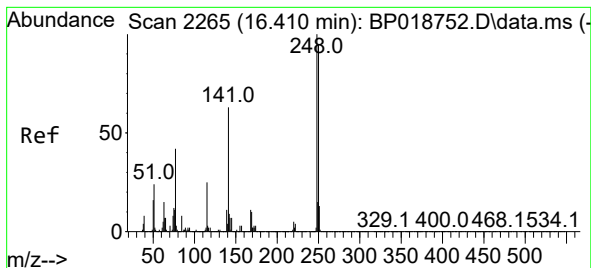
Tgt Ion:198 Resp: 183909
Ion Ratio Lower Upper
198 100
182 3.6 3.4 5.2
77 22.7 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 23.689 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:169 Resp: 813160
Ion Ratio Lower Upper
169 100
168 66.8 53.1 79.7
167 36.0 29.1 43.7

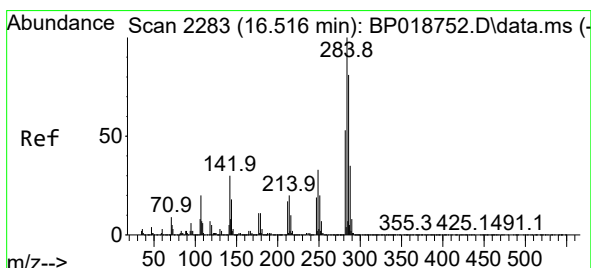
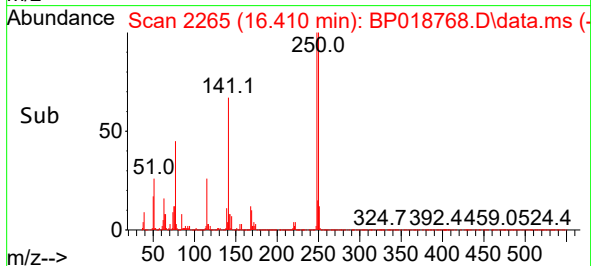
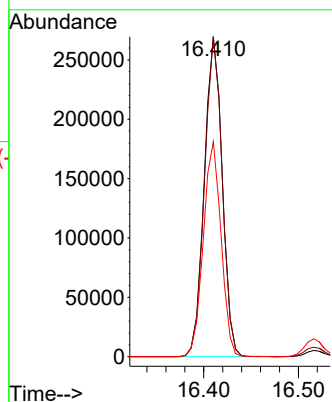
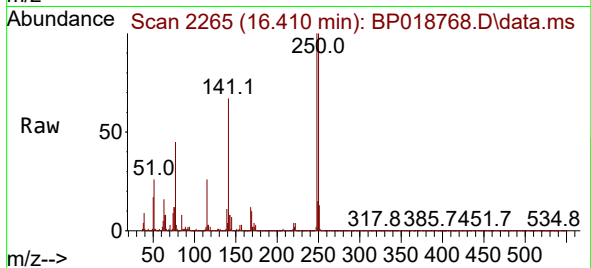




#68
4-Bromophenyl-phenylether
Concen: 26.982 ng/ul
RT: 16.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

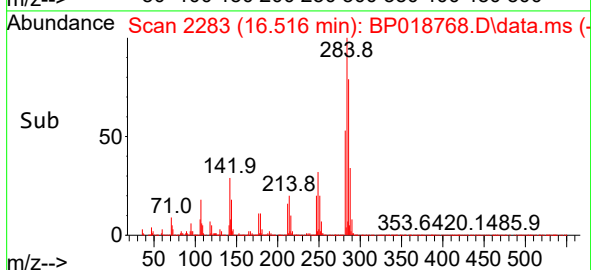
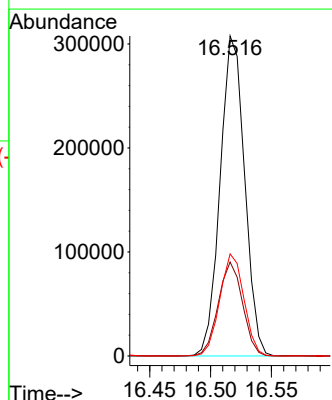
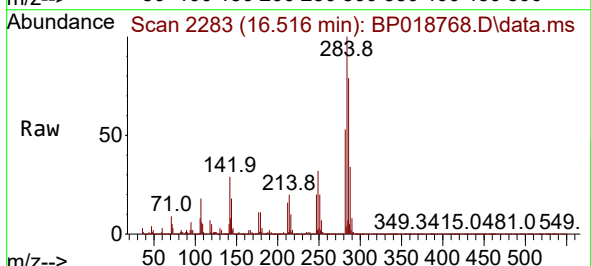
Instrument :
BNA_P
ClientSampleId :

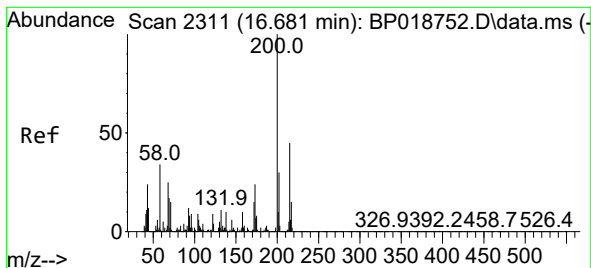
Tgt Ion:248 Resp: 352873
Ion Ratio Lower Upper
248 100
250 99.9 79.3 118.9
141 67.2 57.2 85.8



#69
Hexachlorobenzene
Concen: 29.494 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:284 Resp: 430659
Ion Ratio Lower Upper
284 100
142 29.3 25.8 38.6
249 31.9 24.9 37.3





#70

Atrazine

Concen: 21.768 ng/ul

RT: 16.687 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

ClientSampleId :

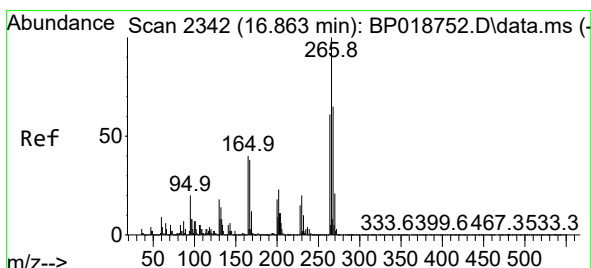
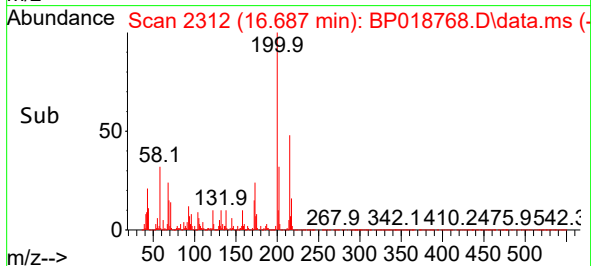
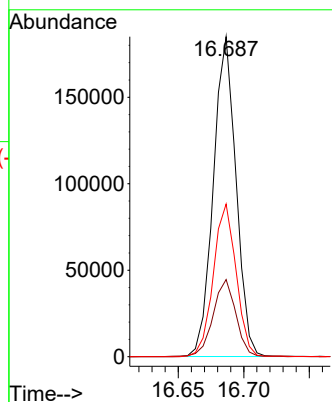
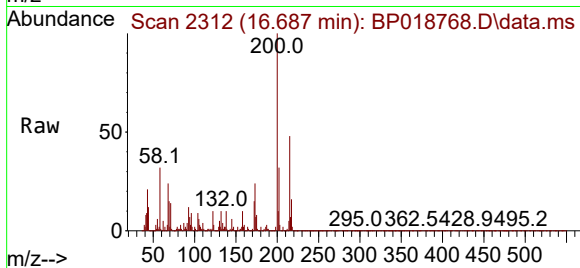
Tgt Ion:200 Resp: 222156

Ion Ratio Lower Upper

200 100

173 24.1 21.0 31.4

215 47.7 38.2 57.2



#71

Pentachlorophenol

Concen: 28.891 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. -0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

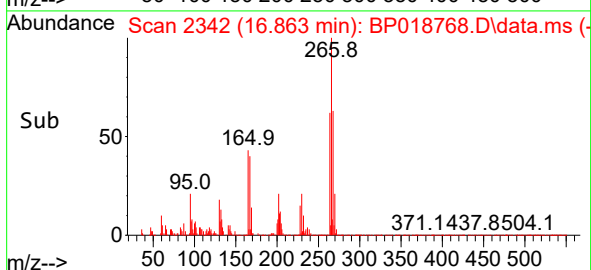
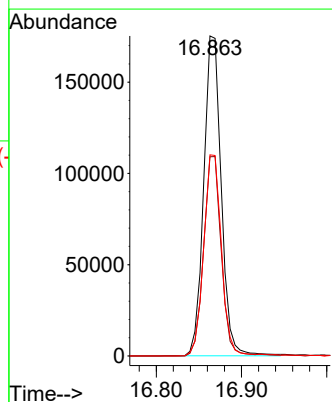
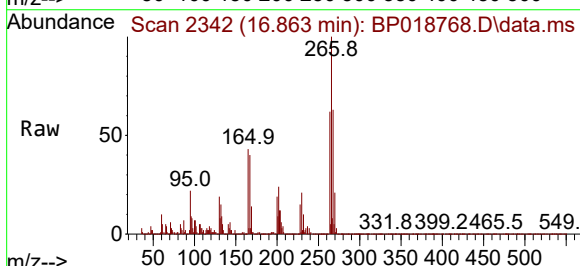
Tgt Ion:266 Resp: 250895

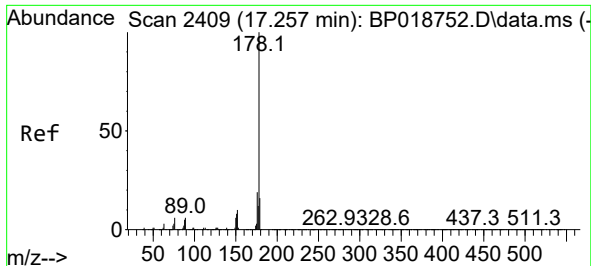
Ion Ratio Lower Upper

266 100

264 62.3 50.2 75.2

268 62.8 50.5 75.7

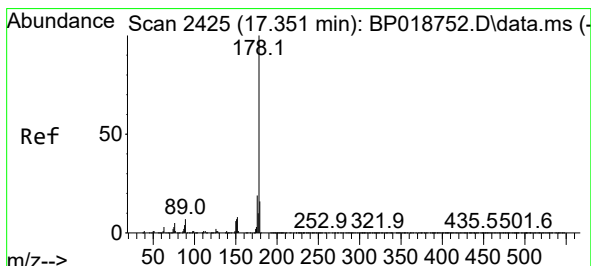
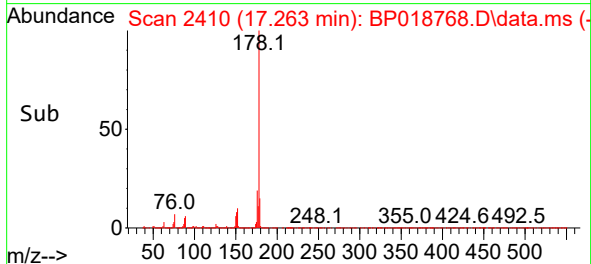
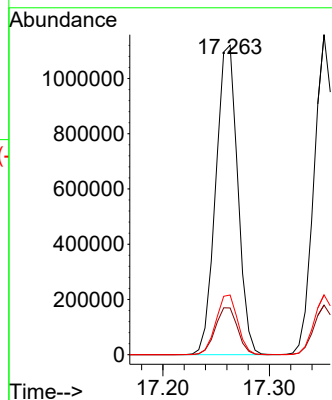
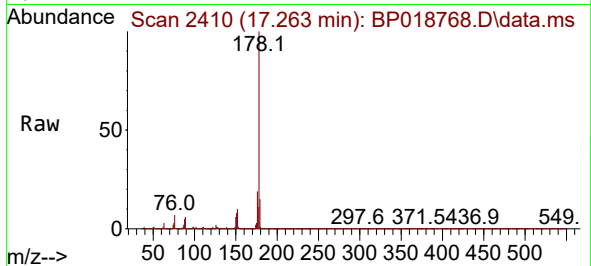




#72
Phenanthrene
Concen: 25.563 ng/ul
RT: 17.263 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

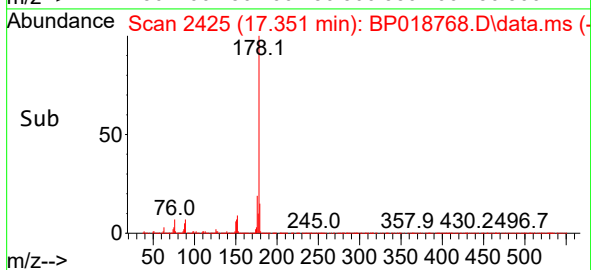
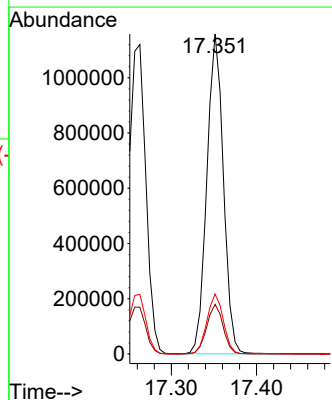
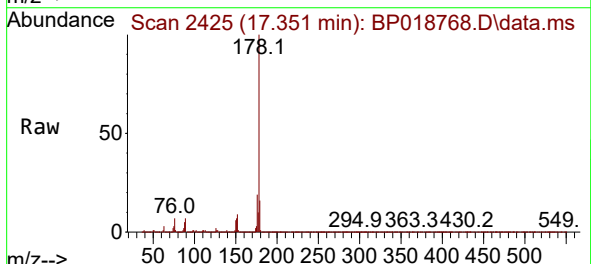
Instrument :
BNA_P
ClientSampleId :

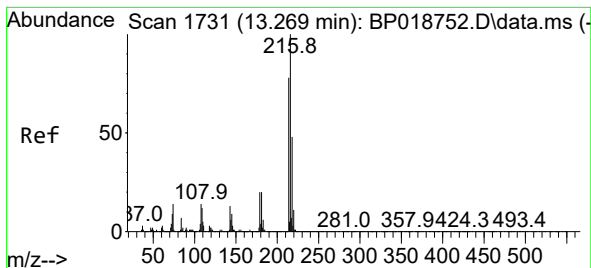
Tgt Ion:178 Resp: 1599348
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 19.3 15.4 23.2



#74
Anthracene
Concen: 24.913 ng/ul
RT: 17.351 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:178 Resp: 1562376
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.7 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.813 ng/uL

RT: 13.269 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

ClientSampleId :

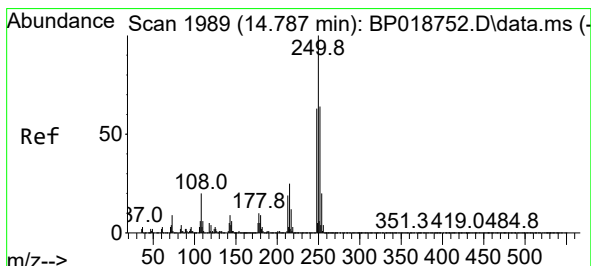
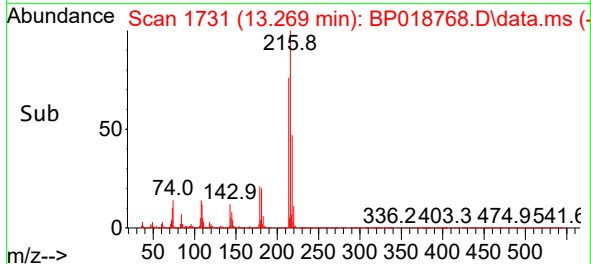
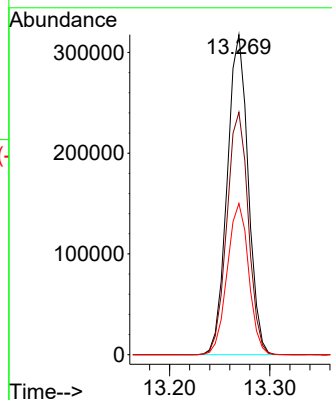
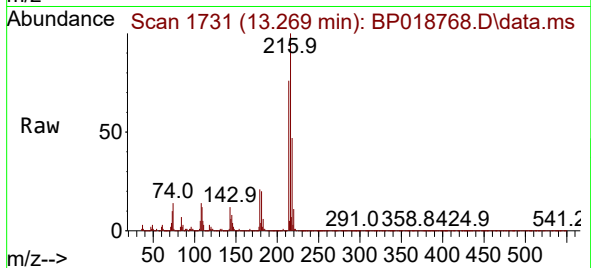
Tgt Ion:216 Resp: 462359

Ion Ratio Lower Upper

216 100

214 75.7 61.4 92.2

218 47.2 39.2 58.8



#76

Pentachlorobenzene

Concen: 27.181 ng/uL

RT: 14.787 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

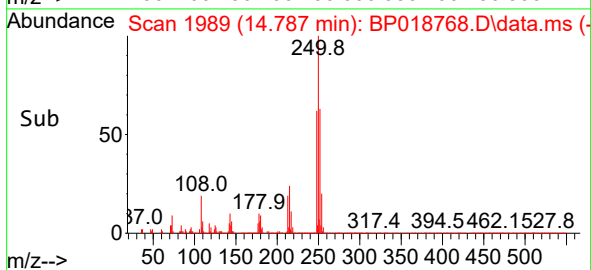
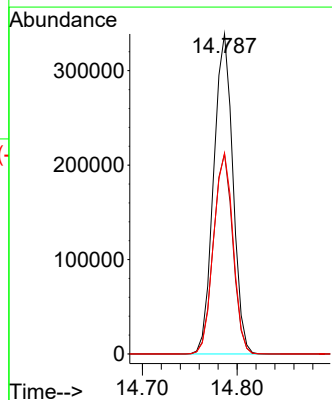
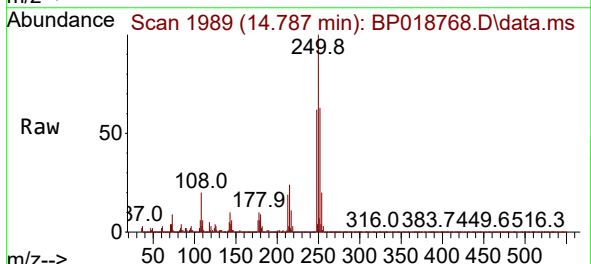
Tgt Ion:250 Resp: 478237

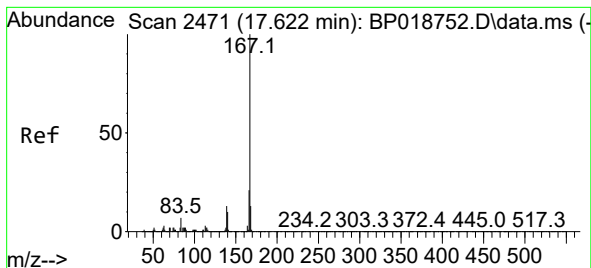
Ion Ratio Lower Upper

250 100

248 62.5 50.6 75.8

252 62.8 51.3 76.9





#77

Carbazole

Concen: 29.401 ng/ul

RT: 17.628 min Scan# 2471

Delta R.T. 0.000 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

ClientSampleId :

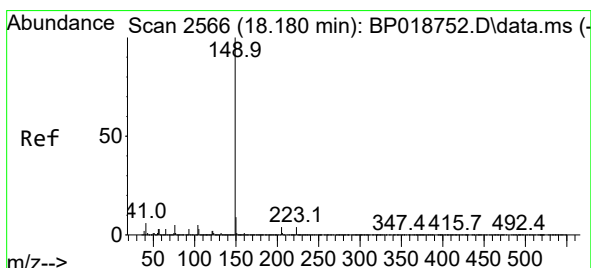
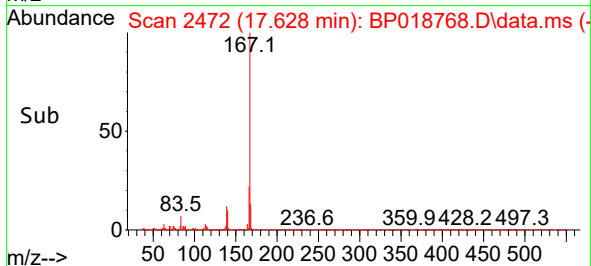
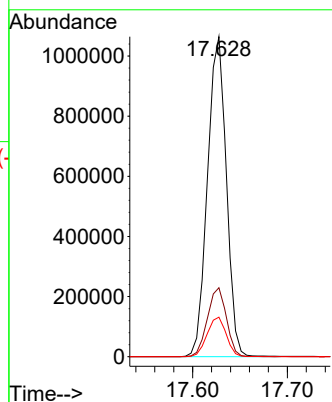
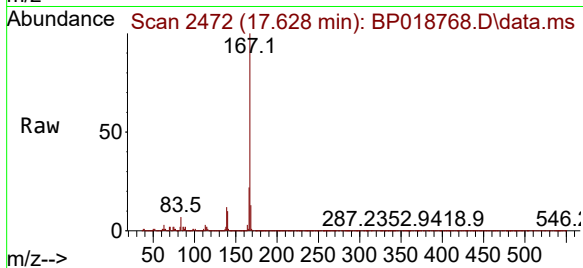
Tgt Ion:167 Resp: 1469524

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 12.3 10.2 15.4



#78

Di-n-butylphthalate

Concen: 26.317 ng/ul

RT: 18.181 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

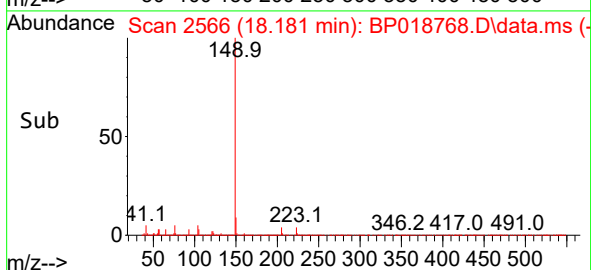
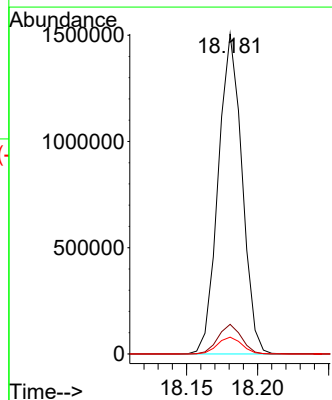
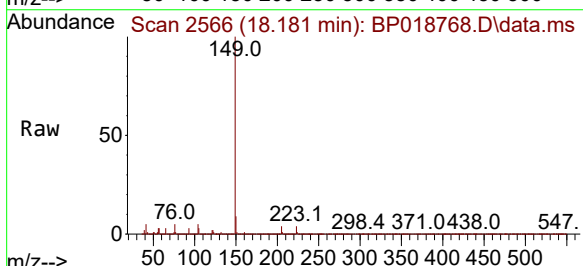
Tgt Ion:149 Resp: 1751489

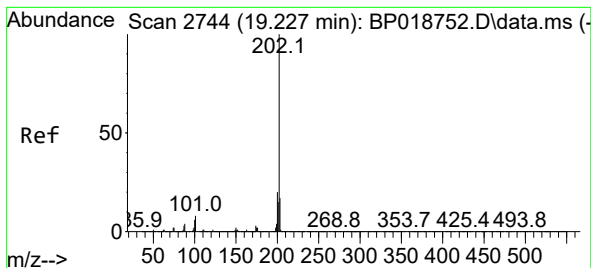
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.3 3.9 5.9





#80

Fluoranthene

Concen: 19.750 ng/ul

RT: 19.228 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

ClientSampleId :

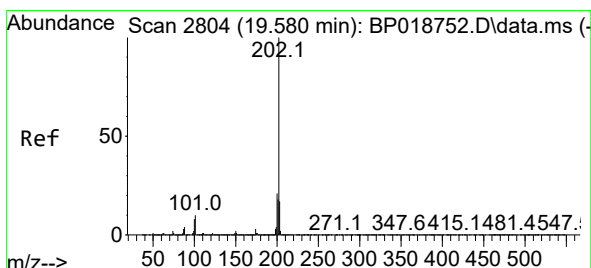
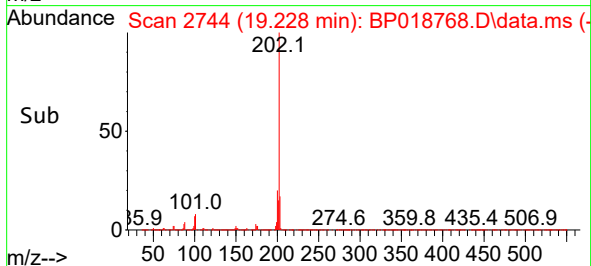
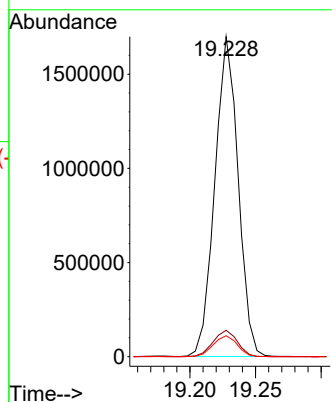
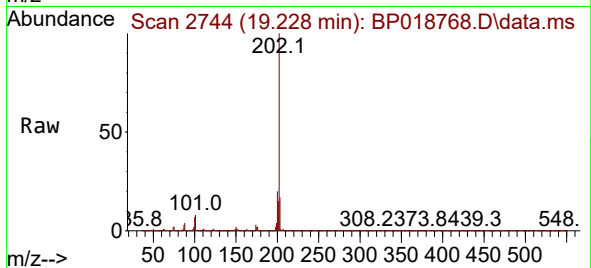
Tgt Ion:202 Resp: 2097630

Ion Ratio Lower Upper

202 100

101 8.3 9.1 13.7#

100 6.5 7.1 10.7#



#82

Pyrene

Concen: 20.145 ng/ul

RT: 19.581 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

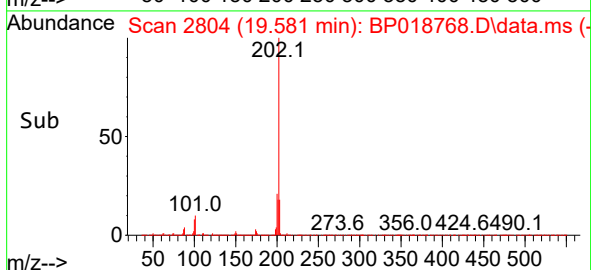
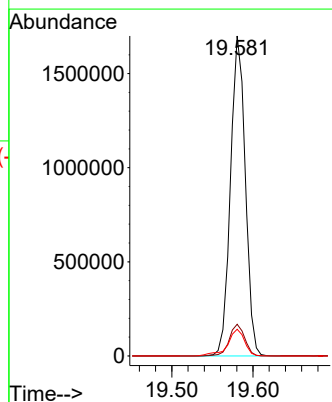
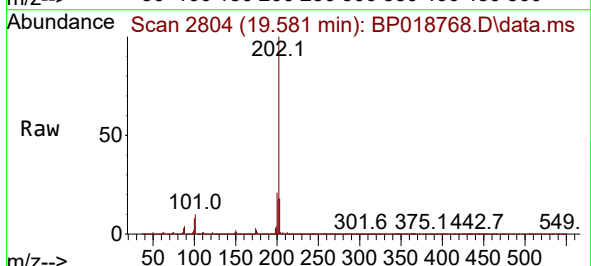
Tgt Ion:202 Resp: 2158462

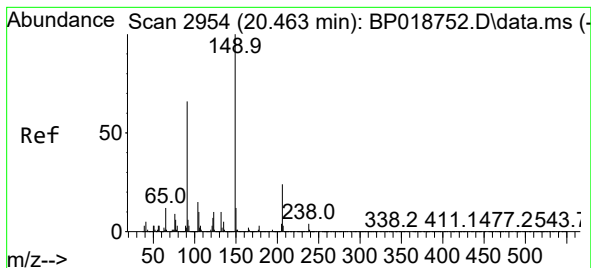
Ion Ratio Lower Upper

202 100

101 9.9 11.0 16.4#

100 8.3 9.1 13.7#





#83

Butylbenzylphthalate

Concen: 21.485 ng/ul

RT: 20.463 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

ClientSampleId :

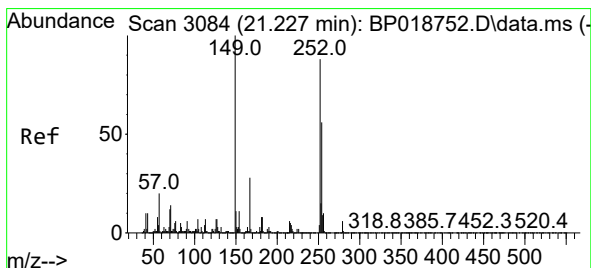
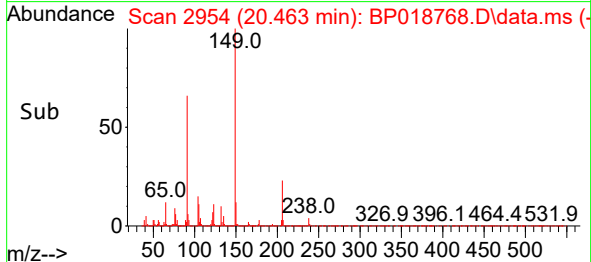
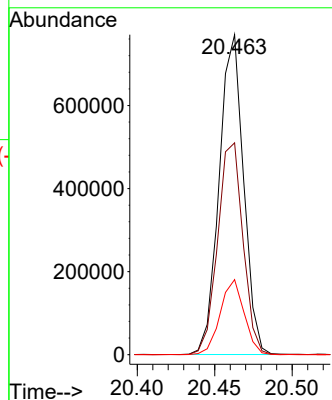
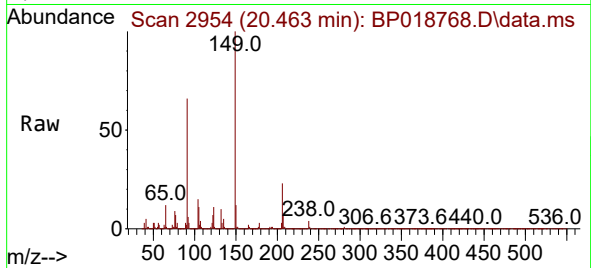
Tgt Ion:149 Resp: 842744

Ion Ratio Lower Upper

149 100

91 66.2 56.6 85.0

206 23.4 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 27.041 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

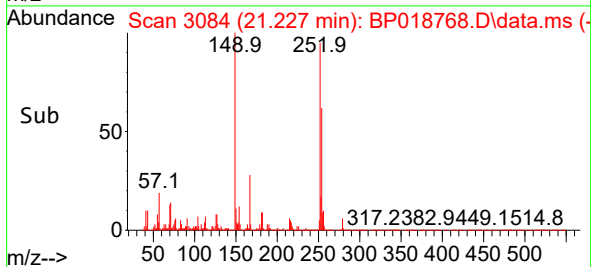
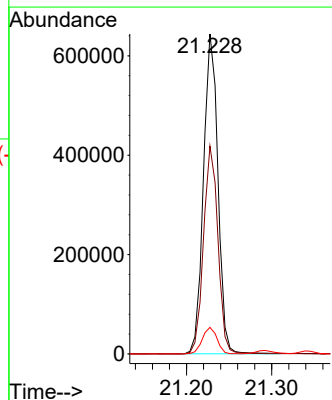
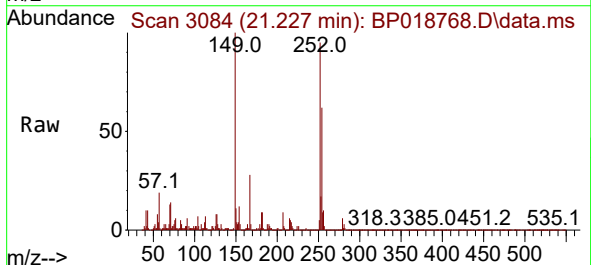
Tgt Ion:252 Resp: 758512

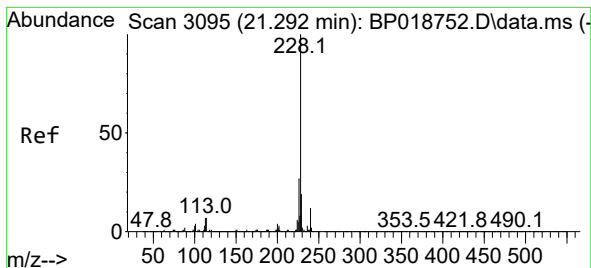
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.4

126 8.3 7.8 11.6





#85

Benzo(a)anthracene

Concen: 25.609 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

ClientSampleId :

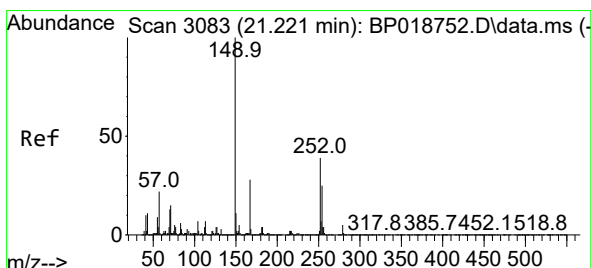
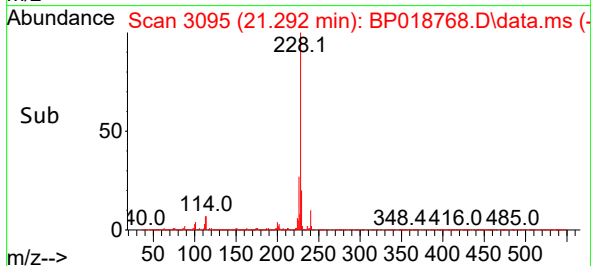
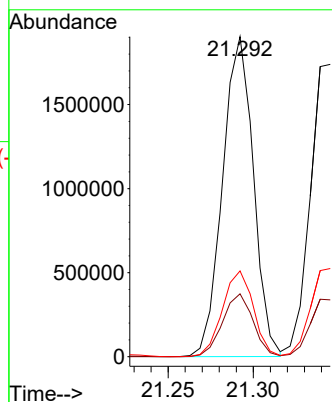
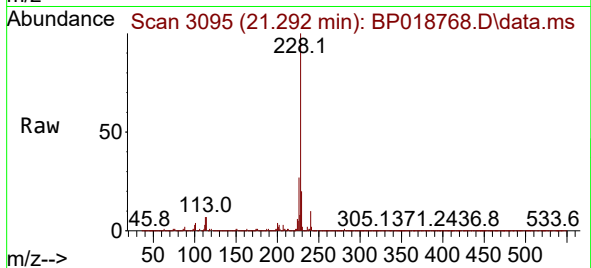
Tgt Ion:228 Resp: 2399321

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 26.8 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 23.240 ng/ul

RT: 21.222 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

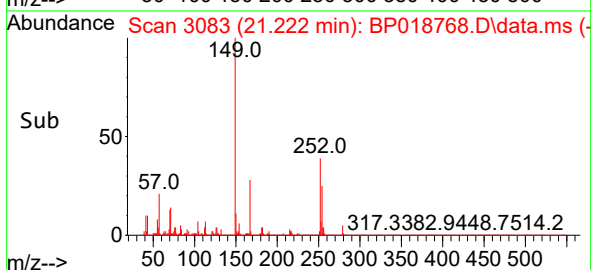
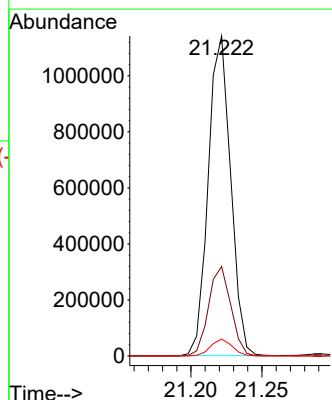
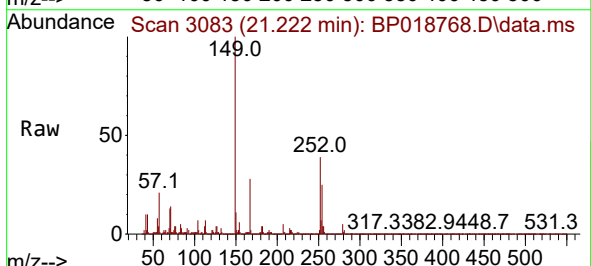
Tgt Ion:149 Resp: 1252943

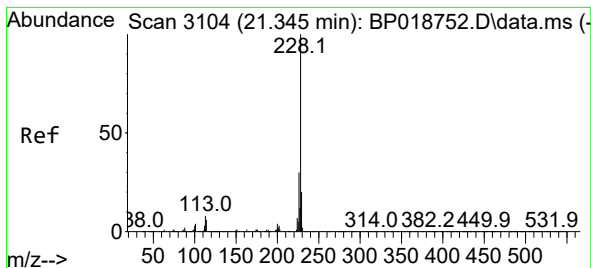
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

279 5.3 3.3 4.9#





#87

Chrysene

Concen: 25.541 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

ClientSampleId :

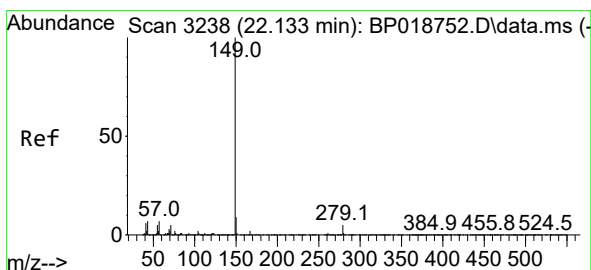
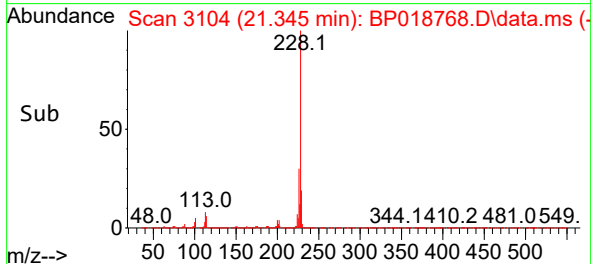
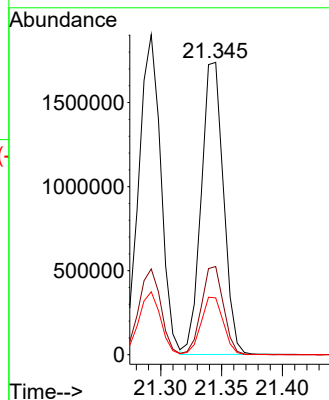
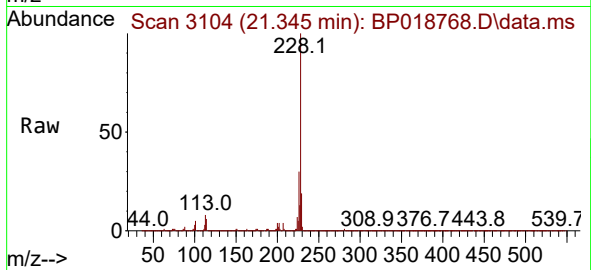
Tgt Ion:228 Resp: 2203652

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.4 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 22.763 ng/ul

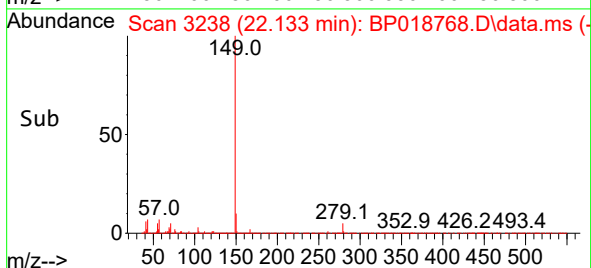
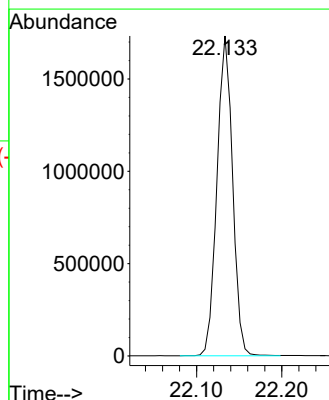
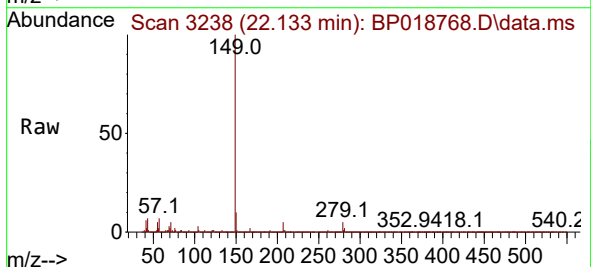
RT: 22.133 min Scan# 3238

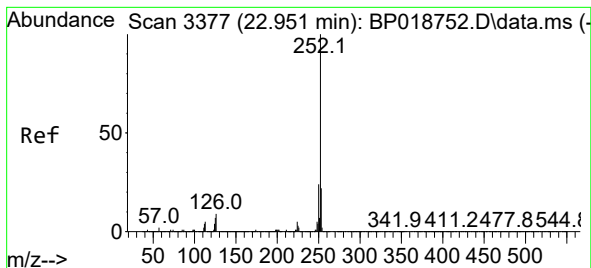
Delta R.T. -0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Tgt Ion:149 Resp: 2203726





#90

Benzo(b)fluoranthene

Concen: 26.251 ng/ul

RT: 22.951 min Scan# 3377

Delta R.T. -0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

ClientSampleId :

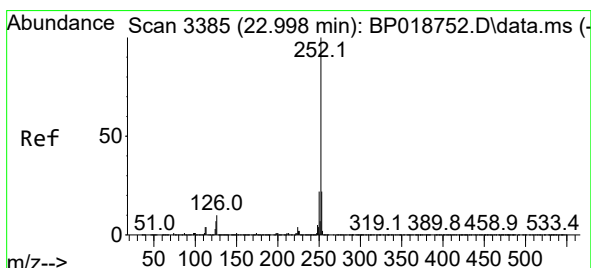
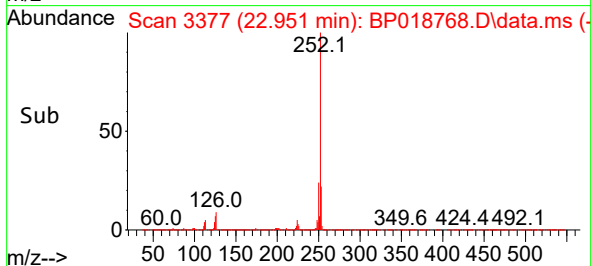
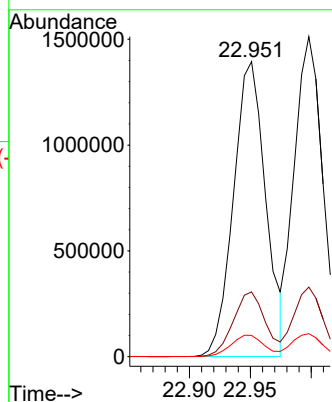
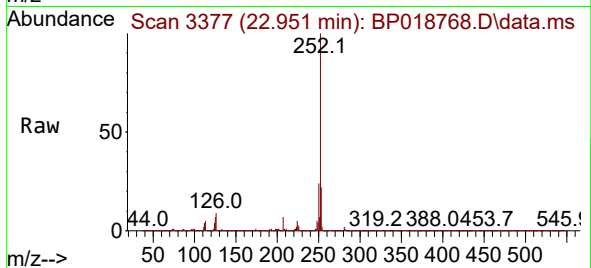
Tgt Ion:252 Resp: 2566397

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 7.2 7.8 11.6#



#91

Benzo(k)fluoranthene

Concen: 26.075 ng/ul

RT: 22.998 min Scan# 3385

Delta R.T. -0.006 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

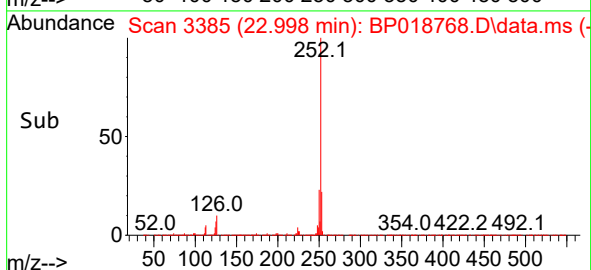
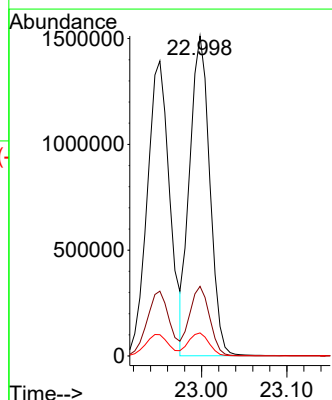
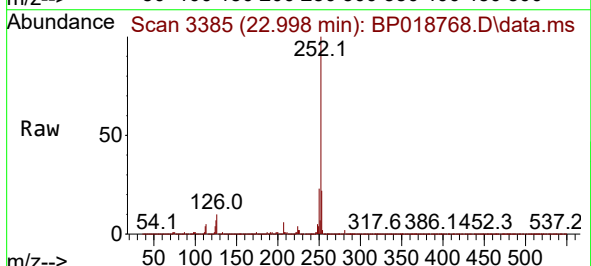
Tgt Ion:252 Resp: 2466523

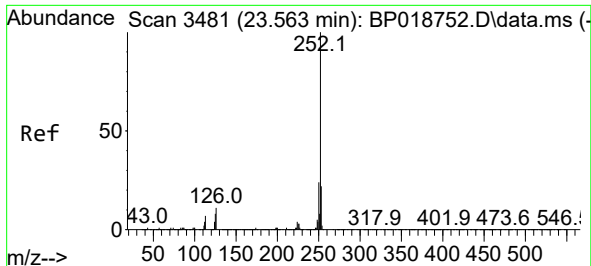
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

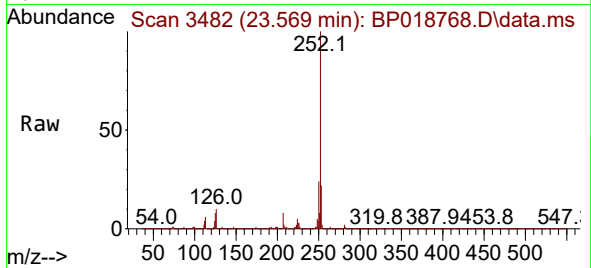
125 7.2 8.0 12.0#



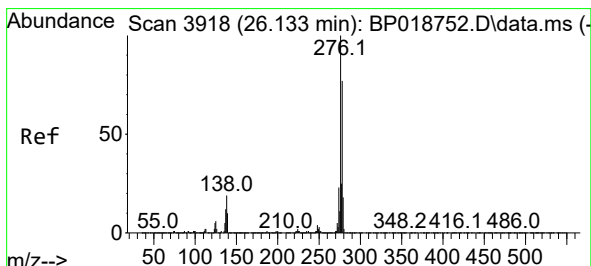
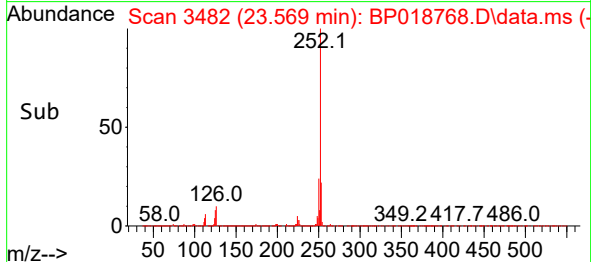
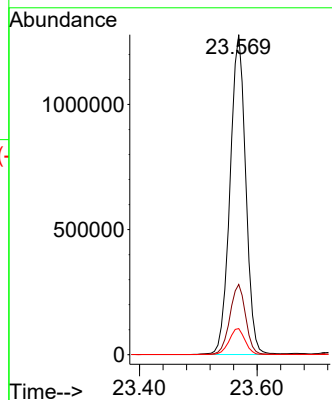


#93
Benzo(a)pyrene
Concen: 26.516 ng/ul
RT: 23.569 min Scan# 3481
Delta R.T. -0.006 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Instrument :
BNA_P
ClientSampleId :

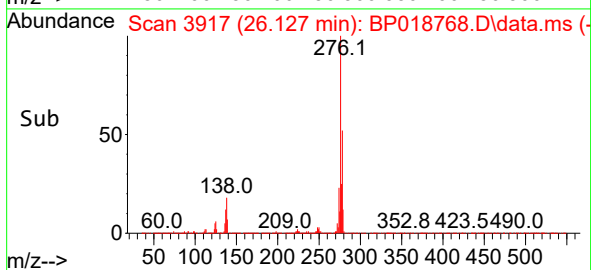
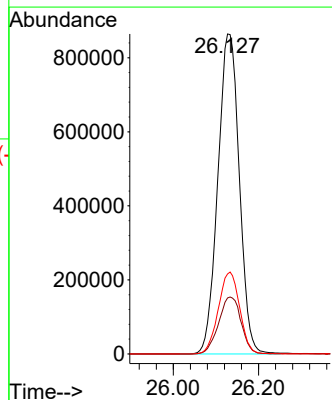
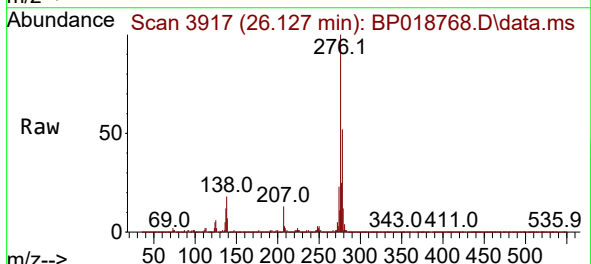


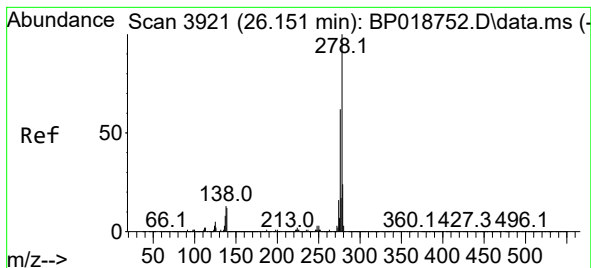
Tgt Ion:252 Resp: 2368667
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.2 9.2 13.8#



#94
Indeno(1,2,3-cd)pyrene
Concen: 28.254 ng/ul
RT: 26.127 min Scan# 3917
Delta R.T. -0.012 min
Lab File: BP018768.D
Acq: 12 Dec 2023 15:11

Tgt Ion:276 Resp: 3015576
Ion Ratio Lower Upper
276 100
138 17.5 19.4 29.2#
277 25.0 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 28.249 ng/ul

RT: 26.151 min Scan# 3921

Delta R.T. -0.012 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Instrument :

BNA_P

ClientSampleId :

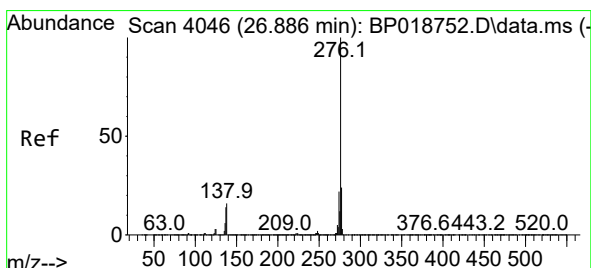
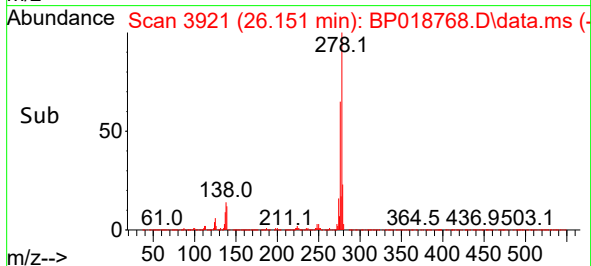
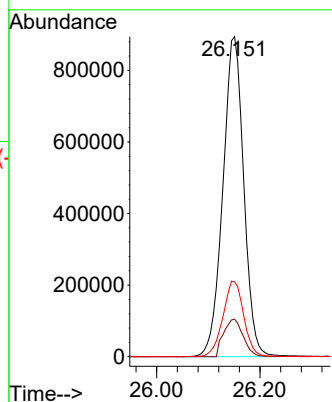
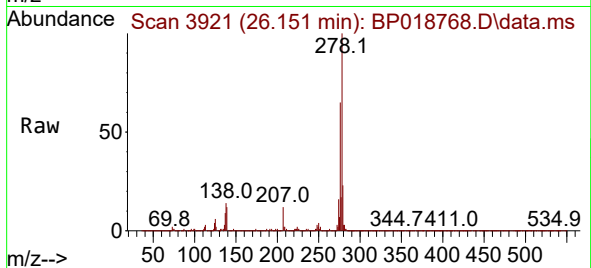
Tgt Ion:278 Resp: 2508059

Ion Ratio Lower Upper

278 100

139 11.7 13.0 19.6#

279 23.4 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 28.269 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. -0.017 min

Lab File: BP018768.D

Acq: 12 Dec 2023 15:11

Tgt Ion:276 Resp: 2428145

Ion Ratio Lower Upper

276 100

138 16.1 18.1 27.1#

277 23.5 19.4 29.0

