

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092022\
 Data File : BP011764.D
 Acq On : 20 Sep 2022 16:56
 Operator : CG/JU
 Sample : PB147734BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147734BS

Quant Time: Sep 21 06:48:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	495186	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	2165974	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	1189407	20.000	ng	0.00
64) Phenanthrene-d10	17.334	188	2130963	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	1440309	20.000	ng	# 0.00
86) Perylene-d12	23.863	264	1114004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	4560850	167.648	ng	0.00
7) Phenol-d6	7.105	99	5775061	159.249	ng	0.01
23) Nitrobenzene-d5	9.105	82	3414281	93.487	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1206706	129.847	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	6488624	84.800	ng	0.00
79) Terphenyl-d14	19.880	244	7041758	106.317	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	434254	36.246	ng	# 83
3) Pyridine	3.781	79	1226789	35.518	ng	# 78
4) n-Nitrosodimethylamine	3.687	42	649319	49.037	ng	# 41
6) Aniline	7.263	93	2198055	49.204	ng	90
8) 2-Chlorophenol	7.499	128	1658631	51.417	ng	94
9) Benzaldehyde	7.069	77	434257	18.708	ng	92
10) Phenol	7.128	94	2148054	52.663	ng	83
11) bis(2-Chloroethyl)ether	7.358	93	1641001	50.504	ng	95
12) 1,3-Dichlorobenzene	7.822	146	1659265	46.382	ng	# 93
13) 1,4-Dichlorobenzene	7.975	146	1692123	46.511	ng	97
14) 1,2-Dichlorobenzene	8.293	146	1640267	47.295	ng	98
15) Benzyl Alcohol	8.181	79	1368017	52.842	ng	# 91
16) 2,2'-oxybis(1-Chloropr...	8.469	45	2308602	53.193	ng	94
17) 2-Methylphenol	8.381	107	1356170	51.209	ng	92
18) Hexachloroethane	9.022	117	628746	49.966	ng	92
19) n-Nitroso-di-n-propyla...	8.752	70	1193093	50.813	ng	# 85
20) 3+4-Methylphenols	8.710	107	1829303	50.295	ng	93
22) Acetophenone	8.769	105	2396642	47.201	ng	# 88
24) Nitrobenzene	9.146	77	1791706	47.152	ng	91
25) Isophorone	9.681	82	3255007	50.383	ng	95
26) 2-Nitrophenol	9.857	139	797493	45.855	ng	# 84
27) 2,4-Dimethylphenol	9.922	122	1468529	54.369	ng	89
28) bis(2-Chloroethoxy)met...	10.157	93	2043016	49.453	ng	98
29) 2,4-Dichlorophenol	10.393	162	1372887	45.884	ng	98
30) 1,2,4-Trichlorobenzene	10.610	180	1378372	41.610	ng	98
31) Naphthalene	10.799	128	4828158	42.955	ng	99
32) Benzoic acid	10.069	122	989690	44.220	ng	90
33) 4-Chloroaniline	10.910	127	1662673	37.703	ng	93
34) Hexachlorobutadiene	11.087	225	727701	39.878	ng	98
35) Caprolactam	11.716	113	458276	47.269	ng	# 77
36) 4-Chloro-3-methylphenol	12.034	107	1511228	46.964	ng	92
37) 2-Methylnaphthalene	12.404	142	3209268	42.664	ng	97
38) 1-Methylnaphthalene	12.622	142	3057551	41.574	ng	98
40) 1,2,4,5-Tetrachloroben...	12.775	216	1394986	44.438	ng	# 96
41) Hexachlorocyclopentadiene	12.751	237	1751337	111.771	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	959336	44.927	ng	99

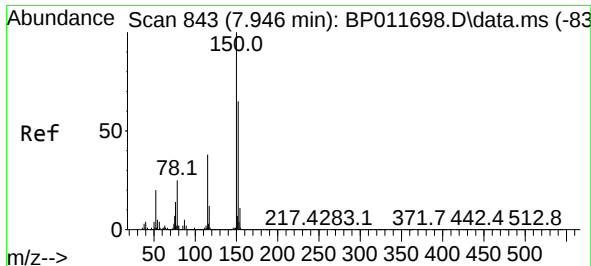
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 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	1058220	44.324	ng	97
46) 1,1'-Biphenyl	13.416	154	3982463	46.026	ng	99
47) 2-Chloronaphthalene	13.457	162	2983433	43.823	ng	100
48) 2-Nitroaniline	13.657	65	1000729	52.417	ng	89
49) Acenaphthylene	14.298	152	4763218	45.218	ng	98
50) Dimethylphthalate	14.040	163	3544850	42.721	ng	100
51) 2,6-Dinitrotoluene	14.151	165	783662	46.574	ng	92
52) Acenaphthene	14.645	154	2851411	40.694	ng	96
53) 3-Nitroaniline	14.487	138	889442	42.025	ng	94
54) 2,4-Dinitrophenol	14.687	184	822348	84.223	ng	92
55) Dibenzofuran	14.975	168	4319480	42.808	ng	99
56) 4-Nitrophenol	14.792	139	1507251	92.191	ng	# 74
57) 2,4-Dinitrotoluene	14.940	165	1031193	42.553	ng	92
58) Fluorene	15.628	166	3536955	43.217	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	803296	40.956	ng	95
60) Diethylphthalate	15.404	149	3574305	43.267	ng	98
61) 4-Chlorophenyl-phenyle...	15.622	204	1602128	42.348	ng	100
62) 4-Nitroaniline	15.651	138	884524	40.973	ng	# 80
63) Azobenzene	15.916	77	3726692	46.943	ng	92
65) 4,6-Dinitro-2-methylph...	15.704	198	458146	40.868	ng	91
66) n-Nitrosodiphenylamine	15.834	169	2973053	46.890	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	872128	43.719	ng	94
68) Hexachlorobenzene	16.634	284	899467	41.867	ng	93
69) Atrazine	16.792	200	808532	41.776	ng	96
70) Pentachlorophenol	16.975	266	1215182	89.159	ng	99
71) Phenanthrene	17.375	178	5051401	43.565	ng	97
72) Anthracene	17.469	178	5085539	46.373	ng	98
73) Carbazole	17.733	167	4789355	46.292	ng	99
74) Di-n-butylphthalate	18.286	149	5719889	45.869	ng	99
75) Fluoranthene	19.333	202	5087836	40.685	ng	94
77) Benzidine	19.516	184	1952883	57.013	ng	98
78) Pyrene	19.686	202	5201485	53.544	ng	98
80) Butylbenzylphthalate	20.557	149	2167855	53.254	ng	96
81) Benzo(a)anthracene	21.392	228	4152749	44.733	ng	97
82) 3,3'-Dichlorobenzidine	21.327	252	1396161	49.516	ng	# 97
83) Chrysene	21.451	228	3846151	43.362	ng	97
84) Bis(2-ethylhexyl)phtha...	21.316	149	2974502	50.793	ng	# 99
85) Di-n-octyl phthalate	22.257	149	4280091	42.591	ng	95
87) Indeno(1,2,3-cd)pyrene	26.427	276	3762320	46.878	ng	# 87
88) Benzo(b)fluoranthene	23.110	252	3418526	49.617	ng	# 96
89) Benzo(k)fluoranthene	23.163	252	3454283	49.751	ng	# 95
90) Benzo(a)pyrene	23.751	252	2960062	52.006	ng	# 95
91) Dibenzo(a,h)anthracene	26.445	278	3279112	49.205	ng	# 93
92) Benzo(g,h,i)perylene	27.215	276	3243344	49.920	ng	# 90

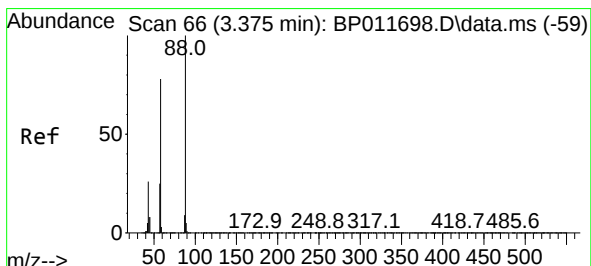
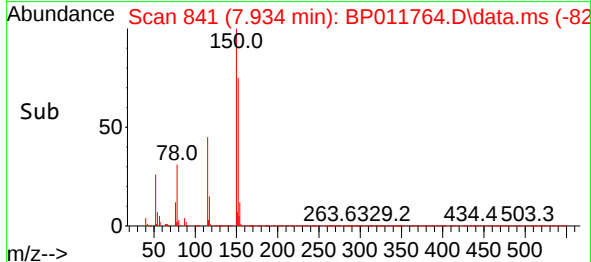
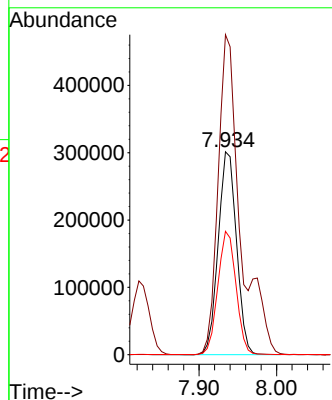
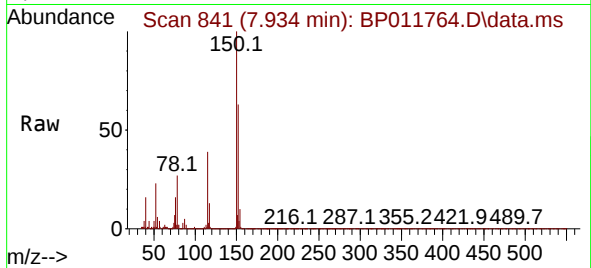
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.934 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BP011764.D
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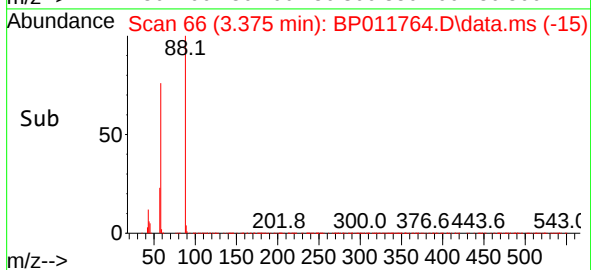
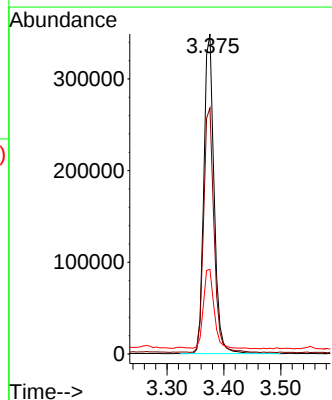
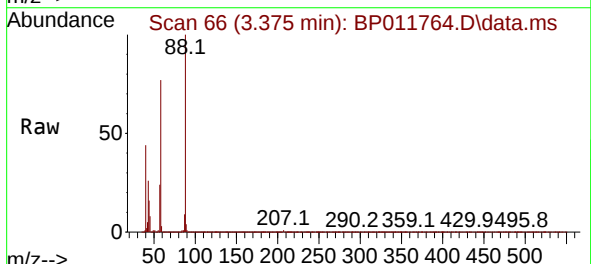
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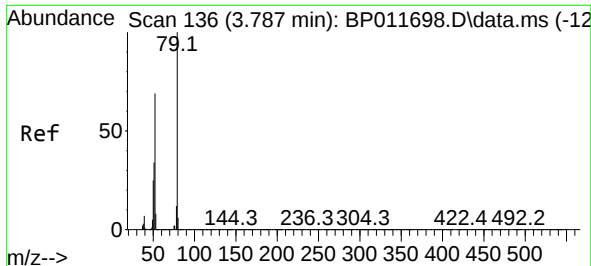
Tgt Ion:152 Resp: 495186
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.4 185.2
 115 60.8 51.3 76.9



#2
 1,4-Dioxane
 Concen: 36.246 ng
 RT: 3.375 min Scan# 66
 Delta R.T. 0.000 min
 Lab File: BP011764.D
 Acq: 20 Sep 2022 16:56

Tgt Ion: 88 Resp: 434254
 Ion Ratio Lower Upper
 88 100
 58 77.8 74.5 111.7
 43 26.5 31.5 47.3#

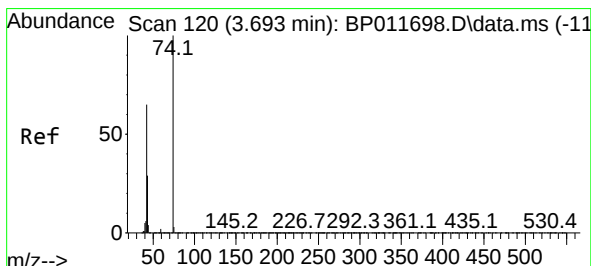
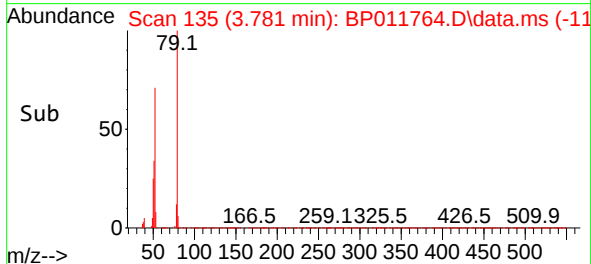
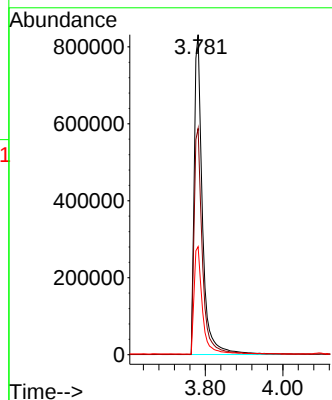
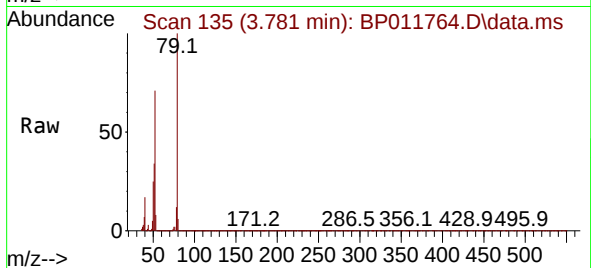




#3
Pyridine
Concen: 35.518 ng
RT: 3.781 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

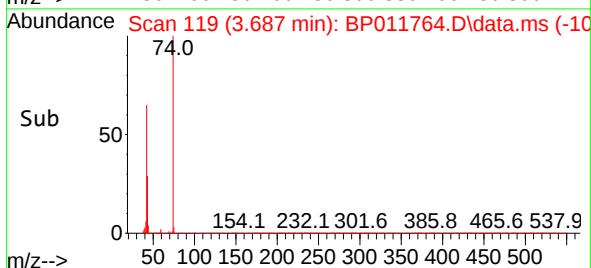
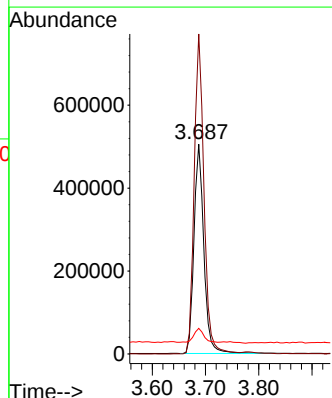
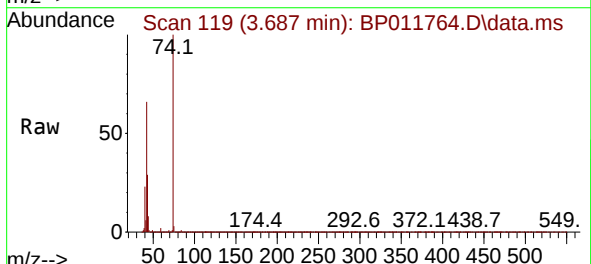
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ClientSampleId :
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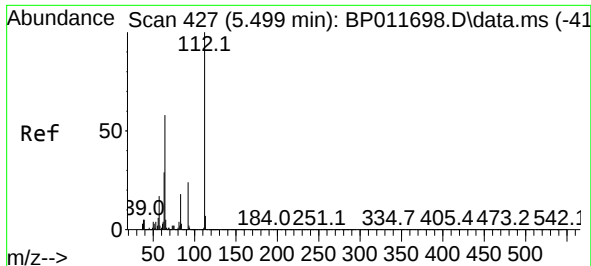
Tgt Ion: 79 Resp: 1226789
Ion Ratio Lower Upper
79 100
52 70.7 73.5 110.3#
51 33.7 38.6 57.8#



#4
n-Nitrosodimethylamine
Concen: 49.037 ng
RT: 3.687 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion: 42 Resp: 649319
Ion Ratio Lower Upper
42 100
74 152.5 74.4 111.6#
44 12.2 5.7 8.5#

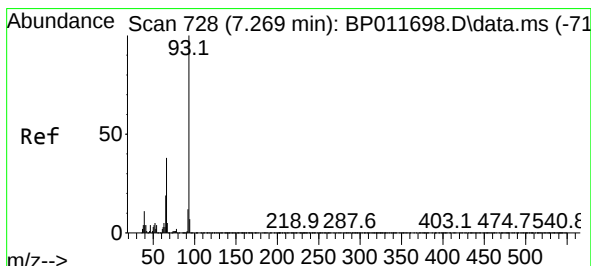
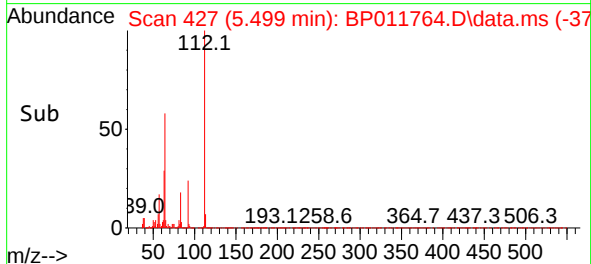
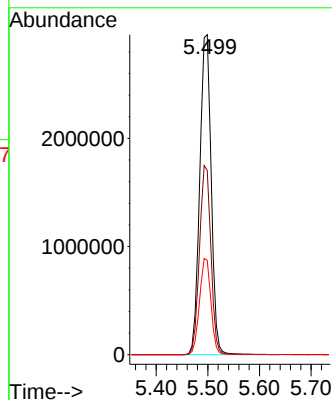
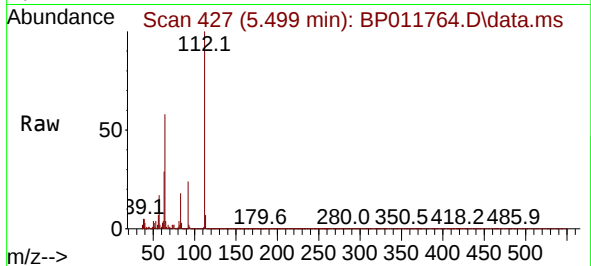




#5
2-Fluorophenol
Concen: 167.648 ng
RT: 5.499 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

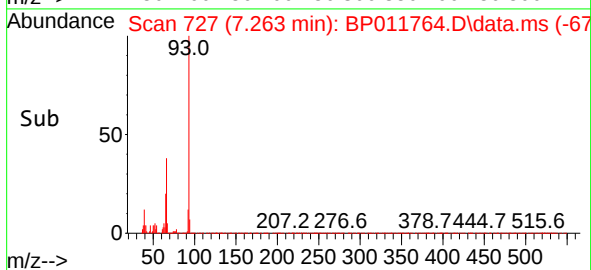
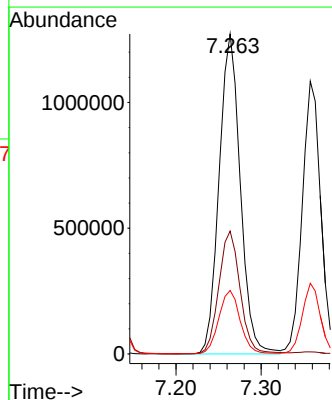
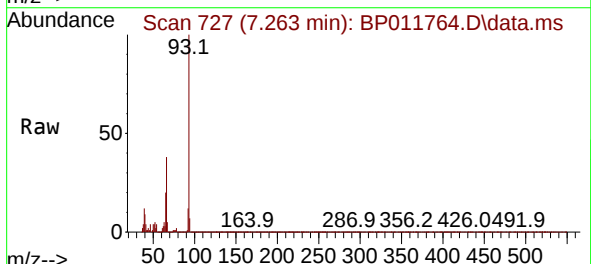
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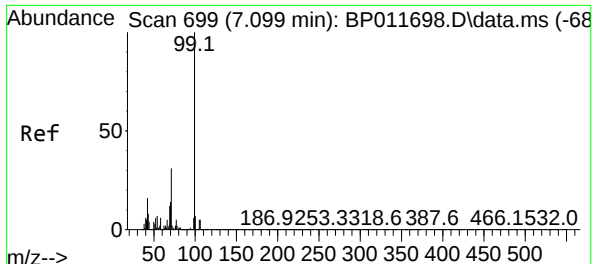
Tgt Ion:112 Resp: 4560850
Ion Ratio Lower Upper
112 100
64 57.5 56.9 85.3
63 29.5 31.2 46.8#



#6
Aniline
Concen: 49.204 ng
RT: 7.263 min Scan# 727
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion: 93 Resp: 2198055
Ion Ratio Lower Upper
93 100
66 38.4 36.7 55.1
65 19.9 18.2 27.4

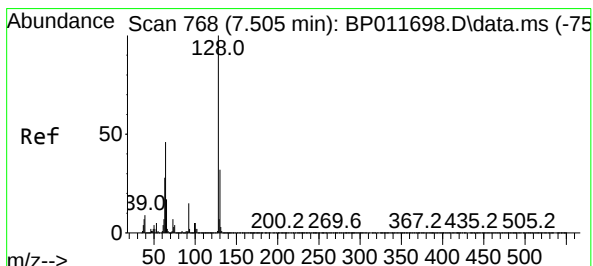
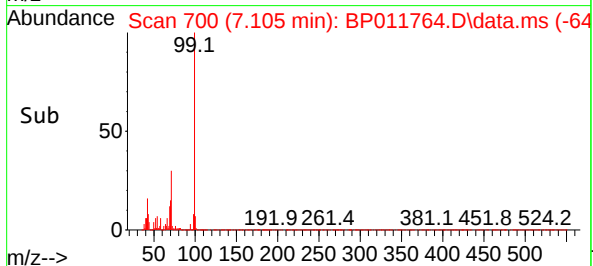
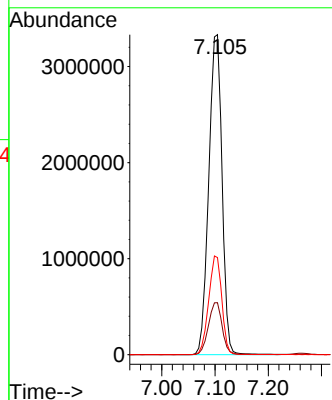
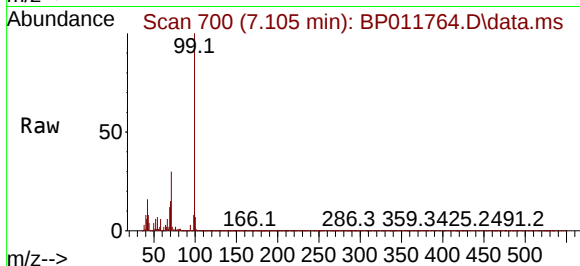




#7
Phenol-d6
Concen: 159.249 ng
RT: 7.105 min Scan# 700
Delta R.T. 0.012 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

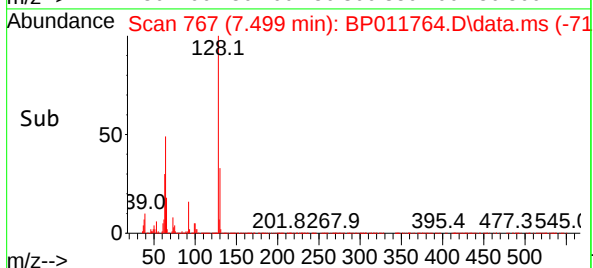
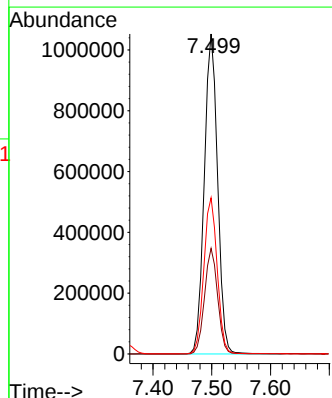
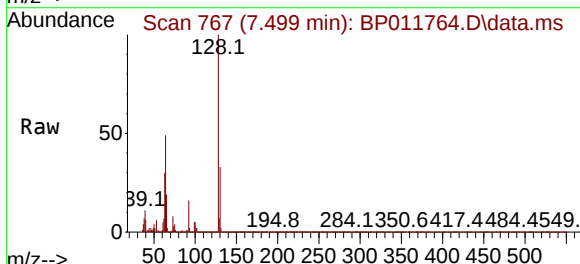
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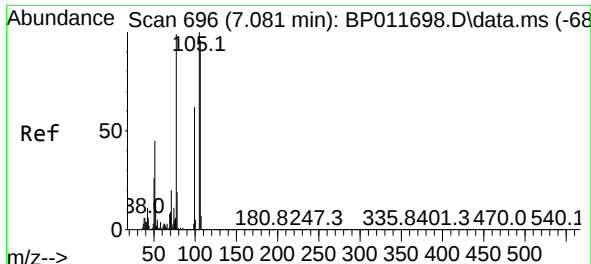
Tgt Ion: 99 Resp: 5775061
Ion Ratio Lower Upper
99 100
42 16.3 20.3 30.5#
71 30.3 33.9 50.9#



#8
2-Chlorophenol
Concen: 51.417 ng
RT: 7.499 min Scan# 767
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion: 128 Resp: 1658631
Ion Ratio Lower Upper
128 100
130 33.0 11.8 51.8
64 48.8 35.3 75.3

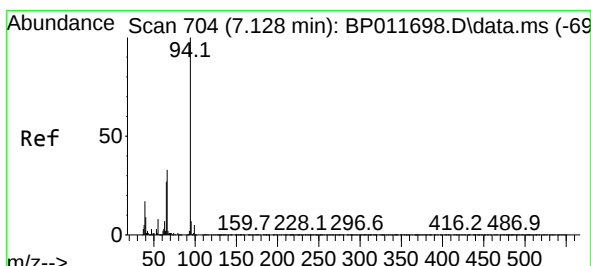
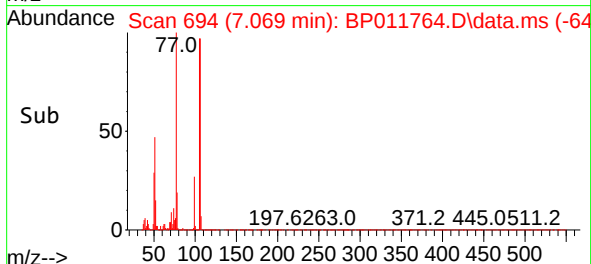
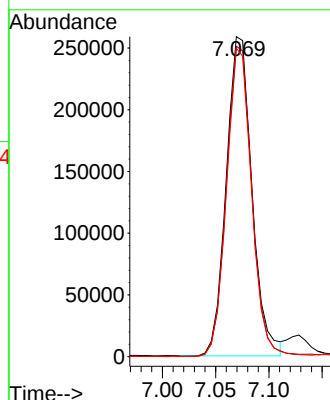
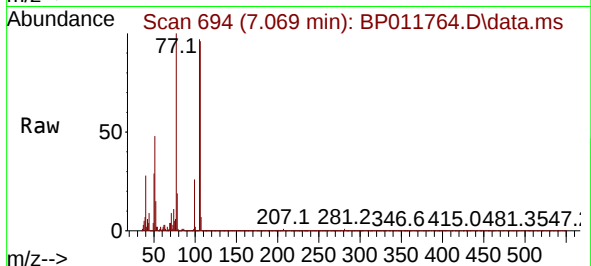




#9
Benzaldehyde
Concen: 18.708 ng
RT: 7.069 min Scan# 694
Delta R.T. -0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

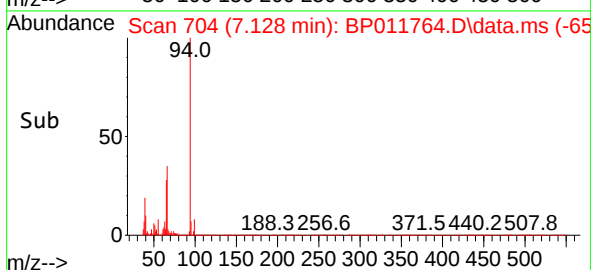
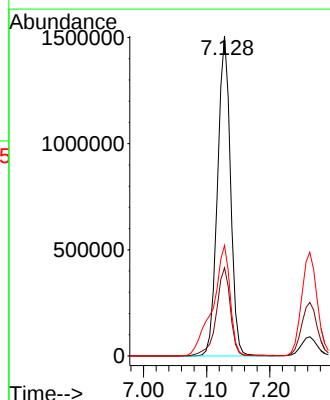
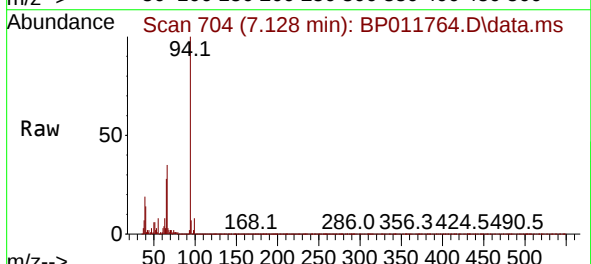
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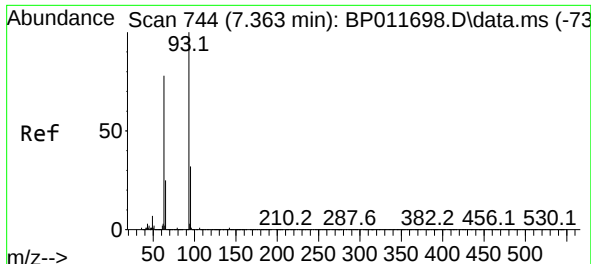
Tgt Ion: 77 Resp: 434257
Ion Ratio Lower Upper
77 100
105 97.0 71.4 111.4
106 96.4 66.9 106.9



#10
Phenol
Concen: 52.663 ng
RT: 7.128 min Scan# 704
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion: 94 Resp: 2148054
Ion Ratio Lower Upper
94 100
65 27.5 14.0 54.0
66 34.6 29.2 69.2

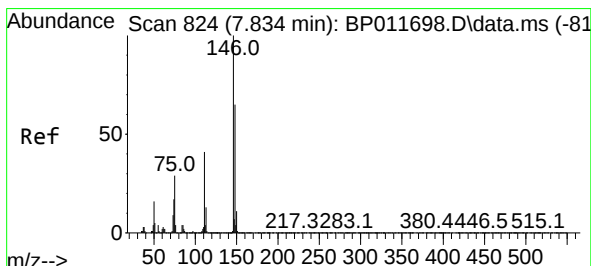
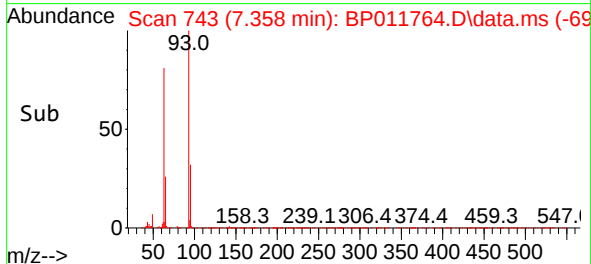
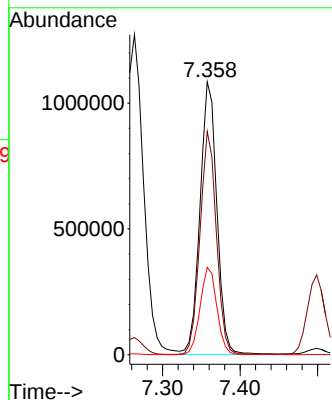
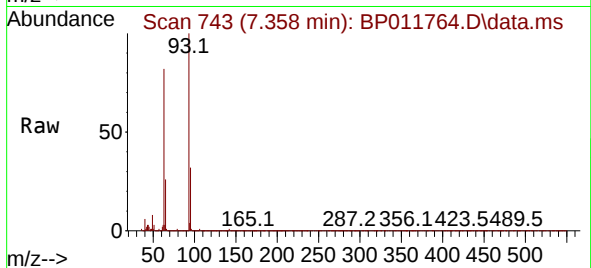




#11
bis(2-Chloroethyl)ether
Concen: 50.504 ng
RT: 7.358 min Scan# 744
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

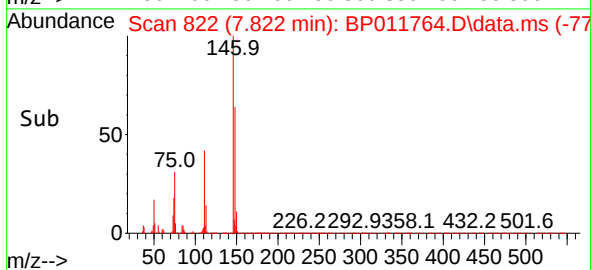
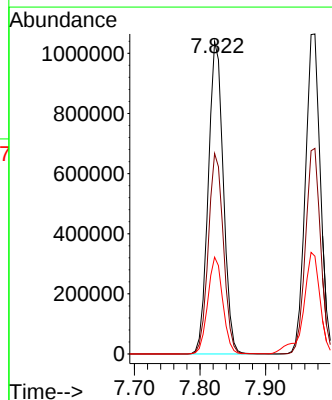
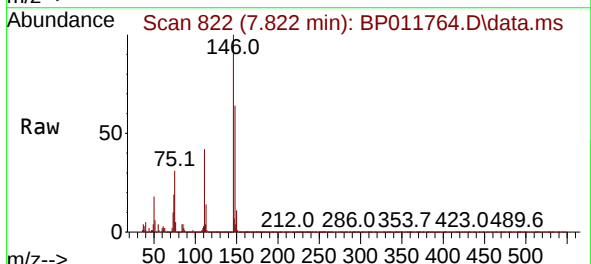
Instrument :
BNA_P
ClientSampleId :
PB147734BS

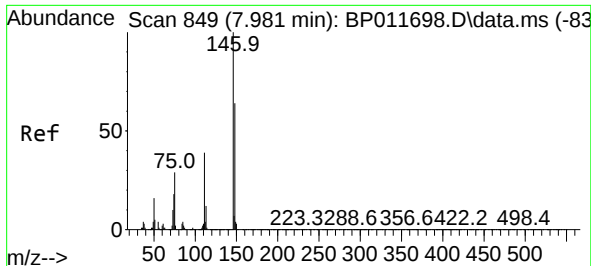
Tgt Ion: 93 Resp: 1641001
Ion Ratio Lower Upper
93 100
63 81.8 68.2 108.2
95 32.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.382 ng
RT: 7.822 min Scan# 822
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:146 Resp: 1659265
Ion Ratio Lower Upper
146 100
148 64.2 53.0 79.4
75 31.0 31.3 46.9#





#13

1,4-Dichlorobenzene

Concen: 46.511 ng

RT: 7.975 min Scan# 84

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

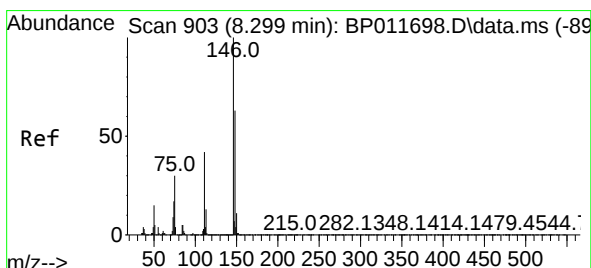
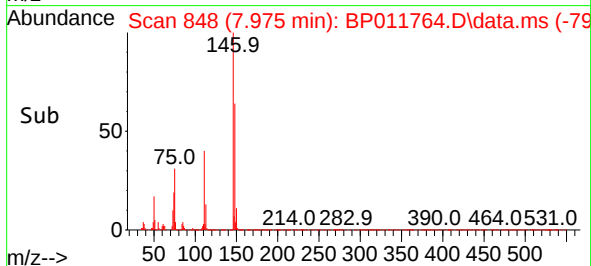
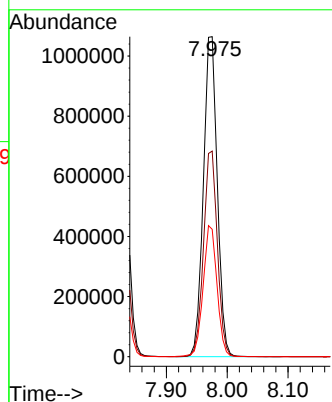
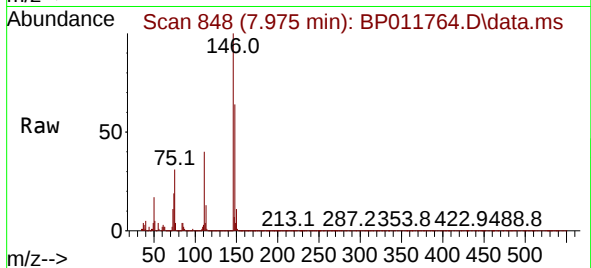
Tgt Ion:146 Resp: 1692123

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

111 39.8 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 47.295 ng

RT: 8.293 min Scan# 902

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

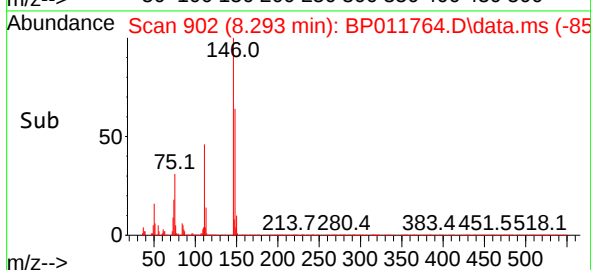
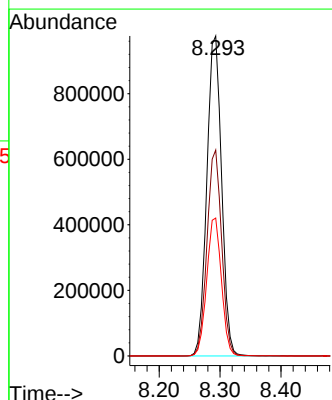
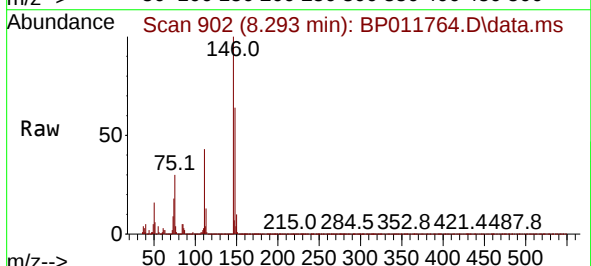
Tgt Ion:146 Resp: 1640267

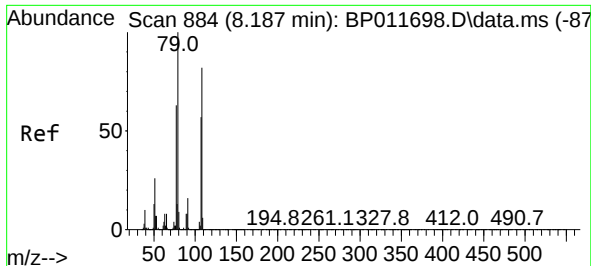
Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 43.1 36.6 55.0

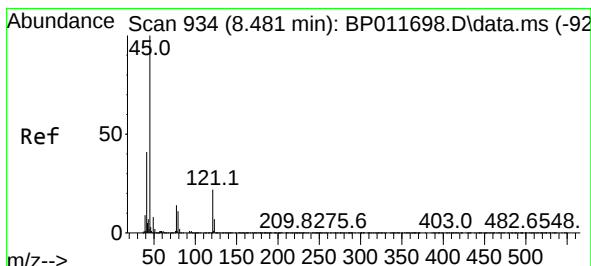
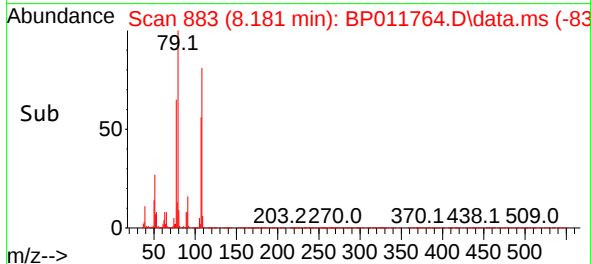
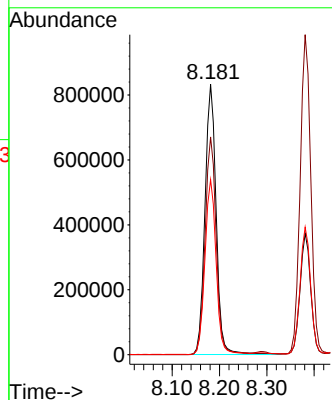
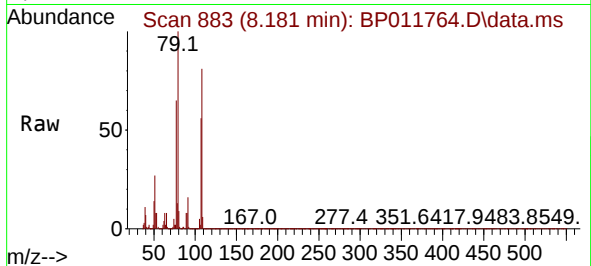




#15
Benzyl Alcohol
Concen: 52.842 ng
RT: 8.181 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

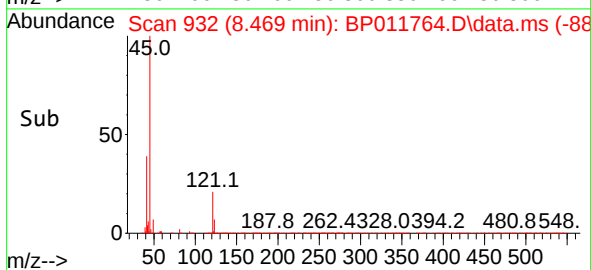
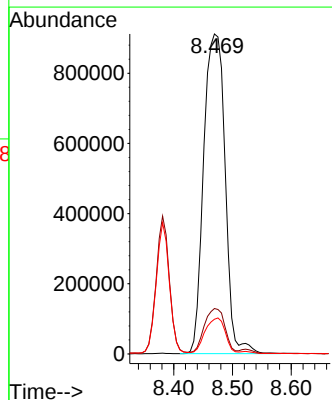
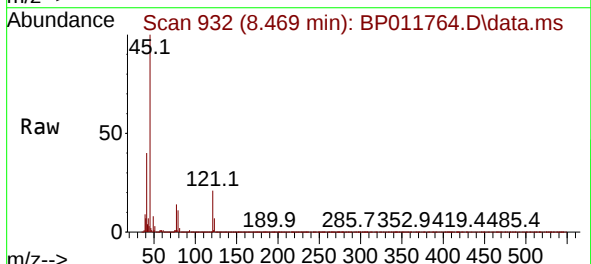
Instrument :
BNA_P
ClientSampleId :
PB147734BS

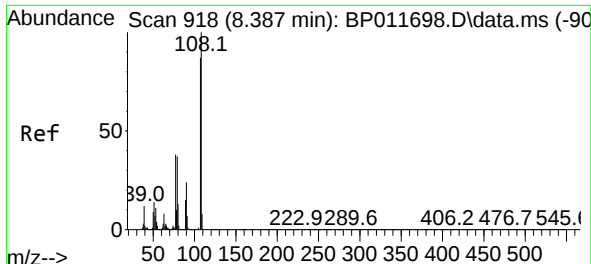
Tgt Ion: 79 Resp: 1368017
Ion Ratio Lower Upper
79 100
108 80.6 53.4 80.0#
77 64.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.193 ng
RT: 8.469 min Scan# 932
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion: 45 Resp: 2308602
Ion Ratio Lower Upper
45 100
77 14.2 0.0 31.8
79 10.9 0.0 28.8





#17

2-Methylphenol

Concen: 51.209 ng

RT: 8.381 min Scan# 917

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

Tgt Ion:107 Resp: 1356170

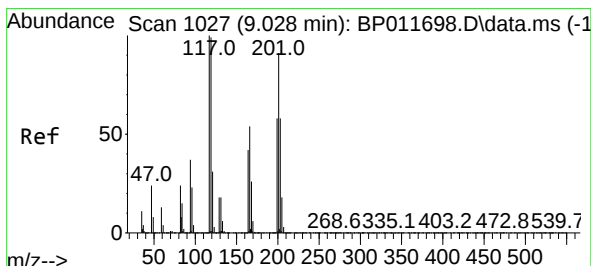
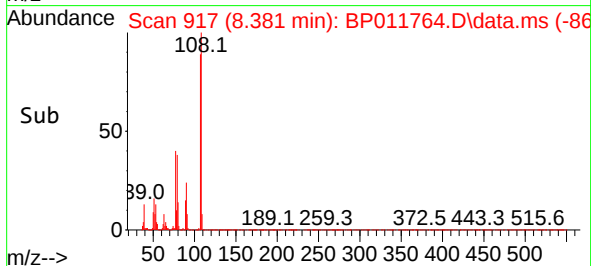
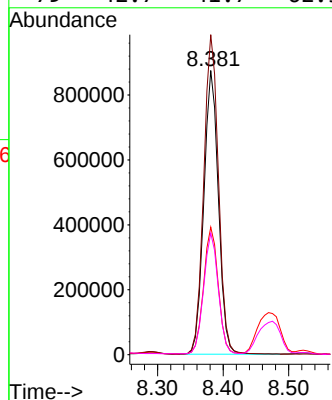
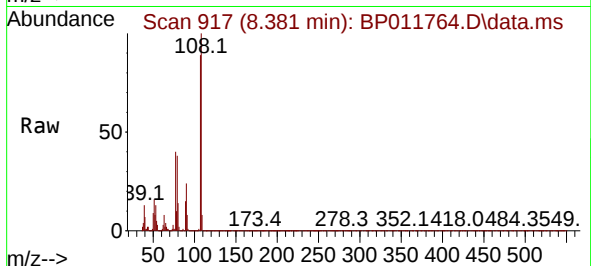
Ion Ratio Lower Upper

107 100

108 112.6 88.9 133.3

77 44.9 44.7 67.1

79 42.7 41.7 62.5



#18

Hexachloroethane

Concen: 49.966 ng

RT: 9.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

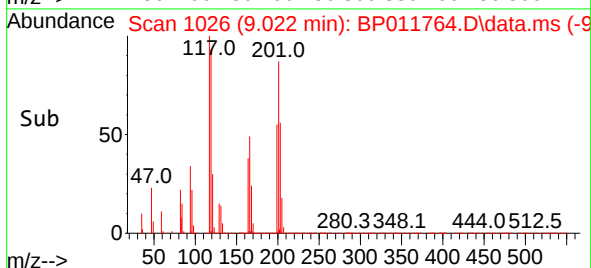
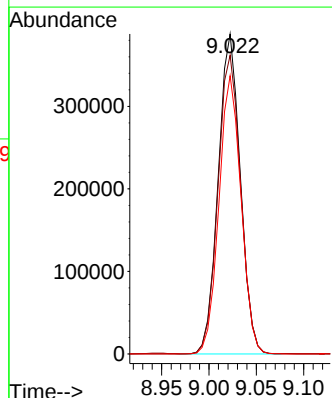
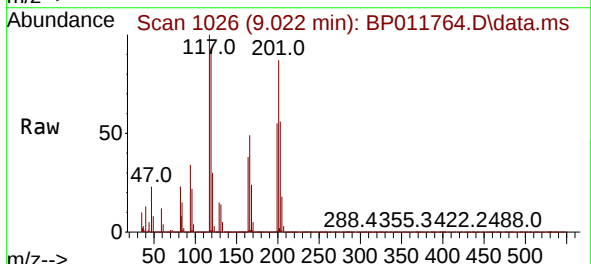
Tgt Ion:117 Resp: 628746

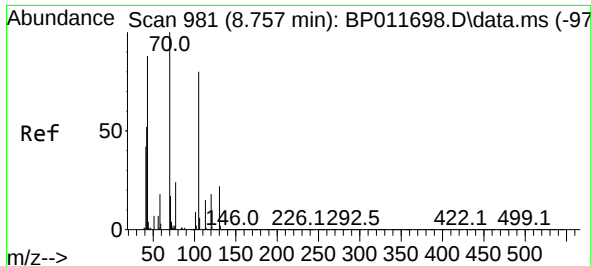
Ion Ratio Lower Upper

117 100

119 93.3 75.6 113.4

201 86.9 80.9 121.3

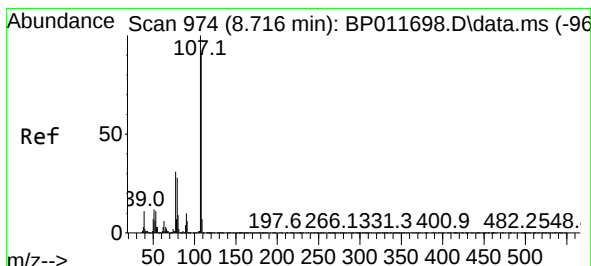
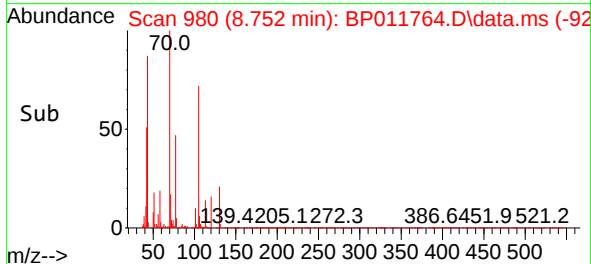
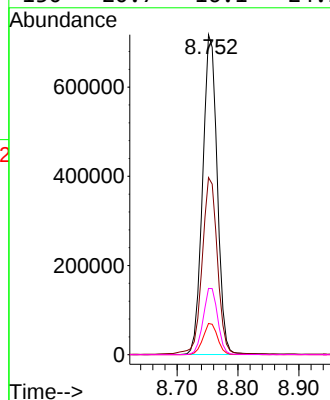
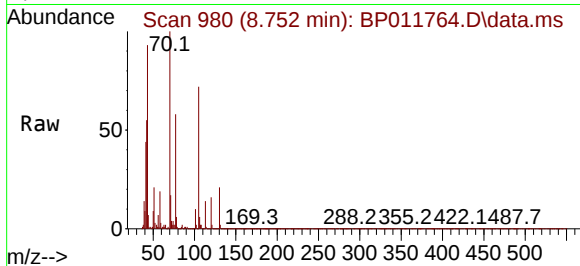




#19
n-Nitroso-di-n-propylamine
Concen: 50.813 ng
RT: 8.752 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

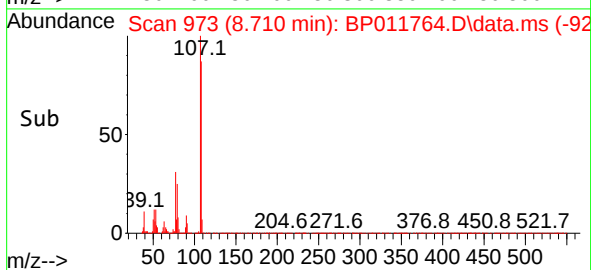
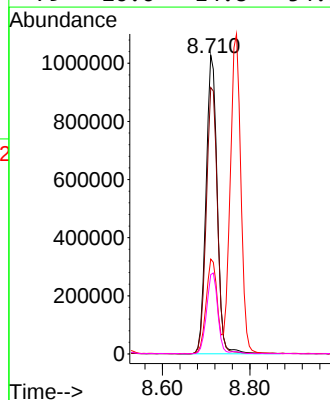
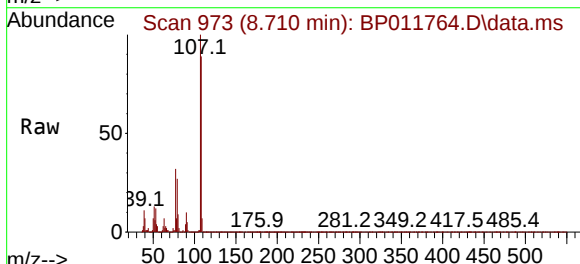
Instrument :
BNA_P
ClientSampleId :
PB147734BS

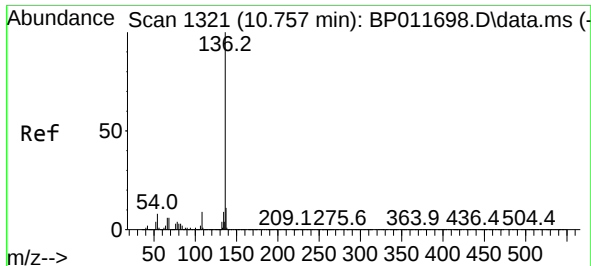
Tgt Ion: 70 Resp: 1193093
Ion Ratio Lower Upper
70 100
42 55.3 58.1 87.1#
101 9.7 8.4 12.6
130 20.7 16.1 24.1



#20
3+4-Methylphenols
Concen: 50.295 ng
RT: 8.710 min Scan# 973
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion: 107 Resp: 1829303
Ion Ratio Lower Upper
107 100
108 89.2 67.1 107.1
77 31.8 19.2 59.2
79 26.6 14.8 54.8

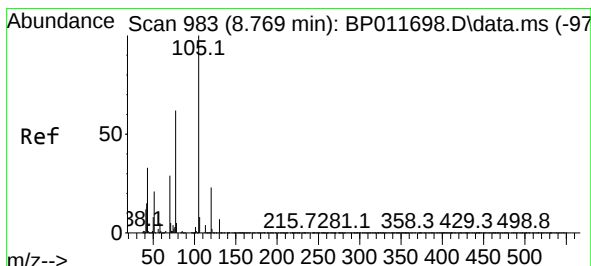
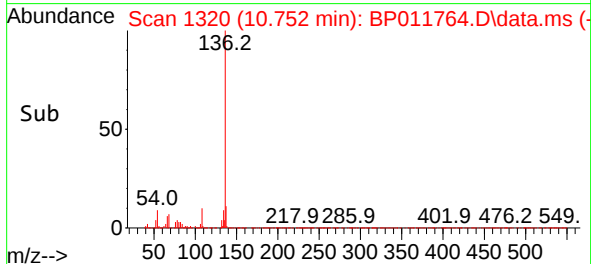
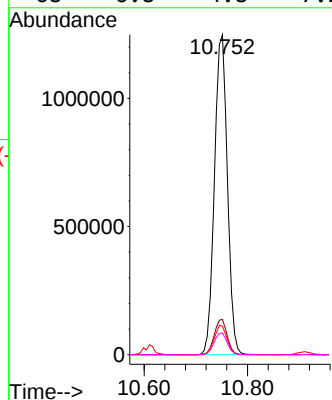
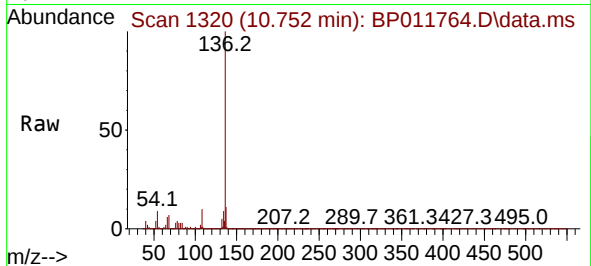




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

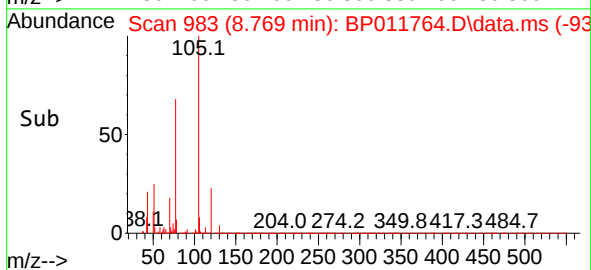
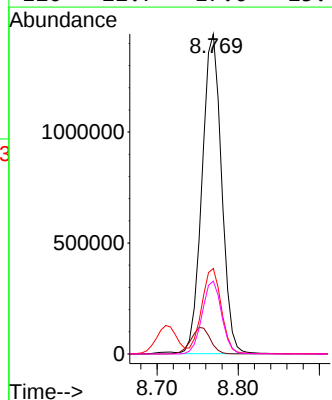
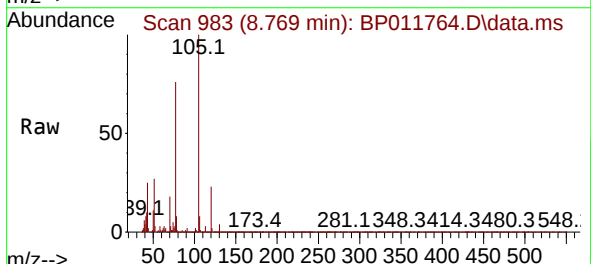
Instrument :
BNA_P
ClientSampleId :
PB147734BS

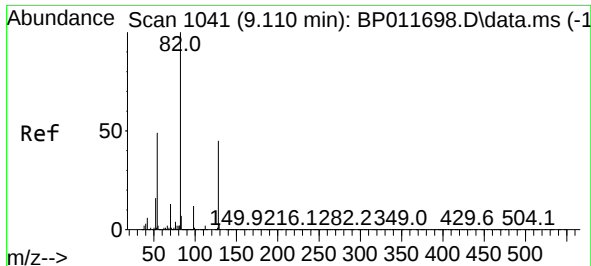
Tgt Ion:136 Resp: 2165974
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.9 8.7 13.1
68 6.8 4.8 7.2



#22
Acetophenone
Concen: 47.201 ng
RT: 8.769 min Scan# 983
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:105 Resp: 2396642
Ion Ratio Lower Upper
105 100
71 2.8 3.4 5.0#
51 26.7 29.5 44.3#
120 22.7 17.0 25.4

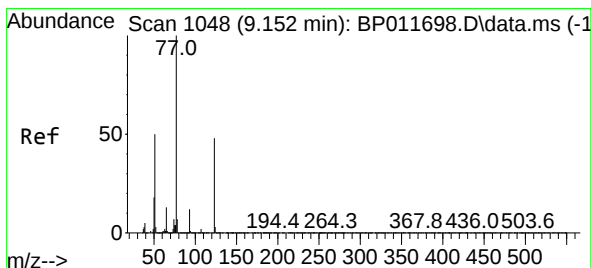
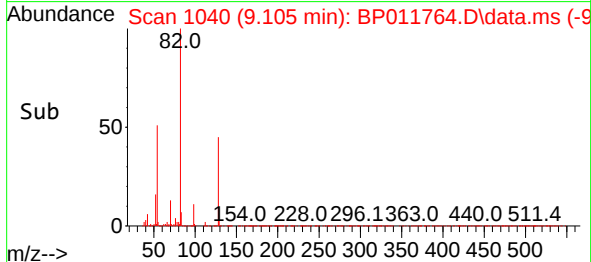
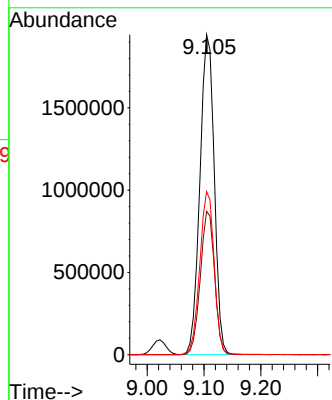
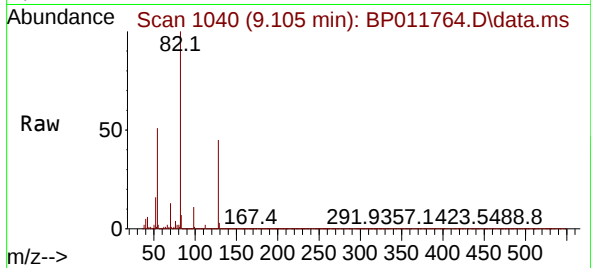




#23
Nitrobenzene-d5
Concen: 93.487 ng
RT: 9.105 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

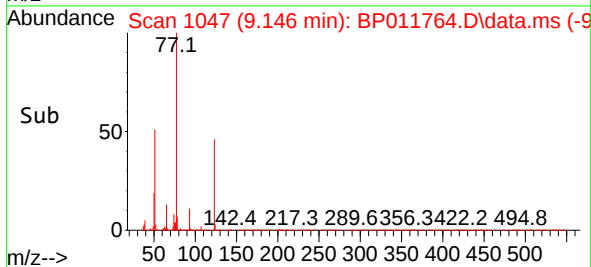
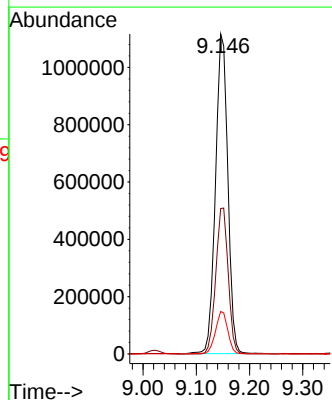
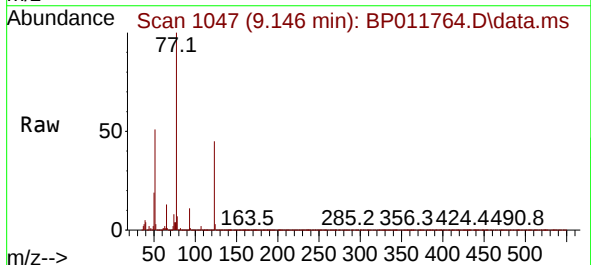
Instrument :
BNA_P
ClientSampleId :
PB147734BS

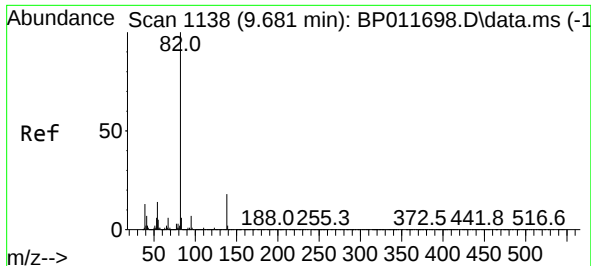
Tgt Ion: 82 Resp: 3414281
Ion Ratio Lower Upper
82 100
128 44.8 31.3 46.9
54 51.0 49.8 74.8



#24
Nitrobenzene
Concen: 47.152 ng
RT: 9.146 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion: 77 Resp: 1791706
Ion Ratio Lower Upper
77 100
123 45.5 31.1 46.7
65 13.3 12.1 18.1

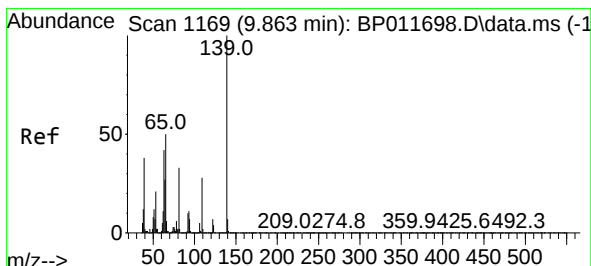
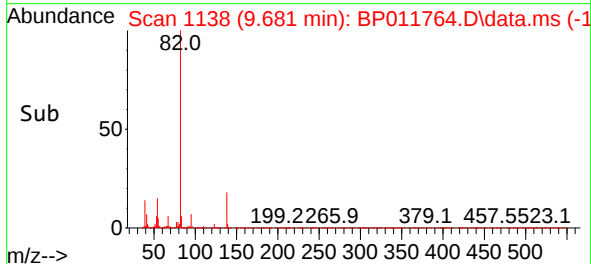
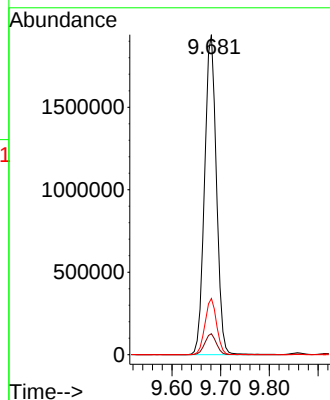
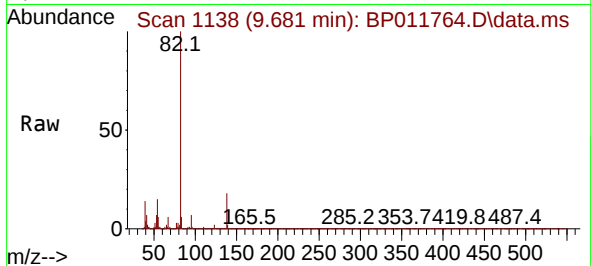




#25
Isophorone
Concen: 50.383 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

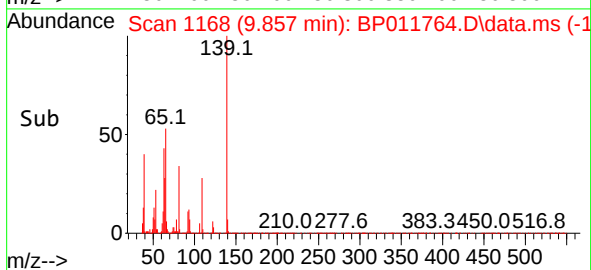
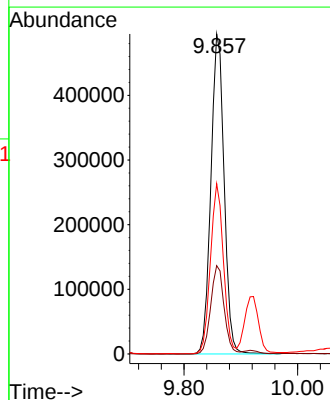
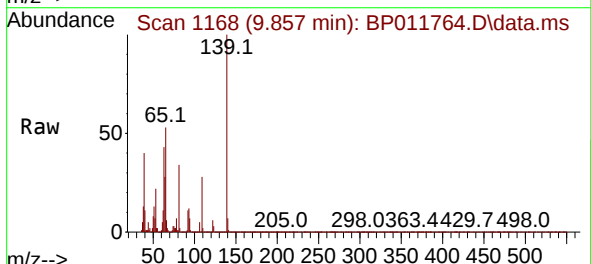
Instrument :
BNA_P
ClientSampleId :
PB147734BS

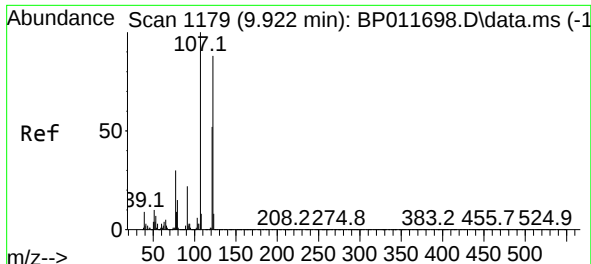
Tgt Ion: 82 Resp: 3255007
Ion Ratio Lower Upper
82 100
95 6.5 6.5 9.7
138 17.6 12.4 18.6



#26
2-Nitrophenol
Concen: 45.855 ng
RT: 9.857 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:139 Resp: 797493
Ion Ratio Lower Upper
139 100
109 27.6 30.2 45.4#
65 53.2 52.2 78.2





#27

2,4-Dimethylphenol

Concen: 54.369 ng

RT: 9.922 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

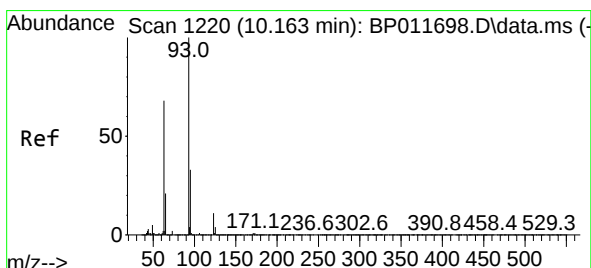
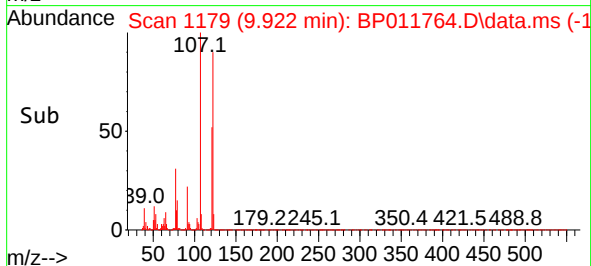
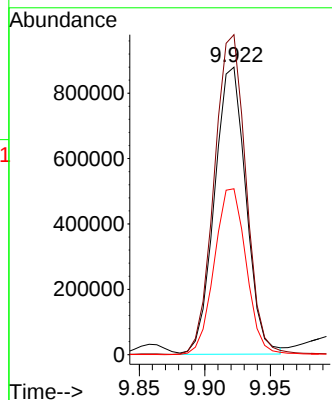
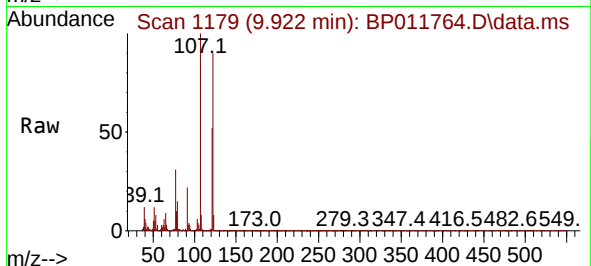
Tgt Ion:122 Resp: 1468529

Ion Ratio Lower Upper

122 100

107 111.3 103.5 155.3

121 57.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 49.453 ng

RT: 10.157 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

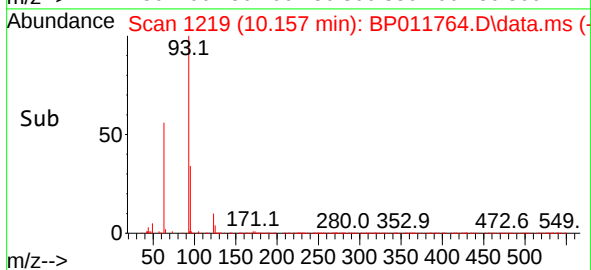
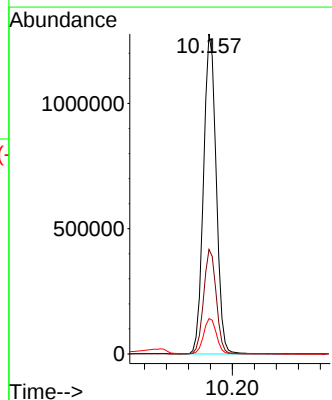
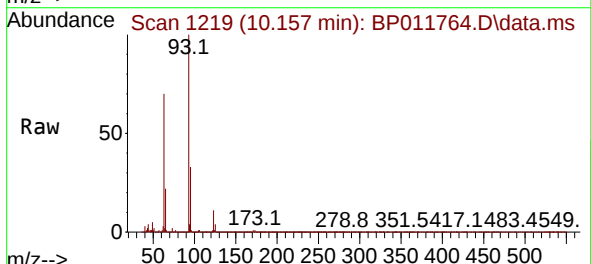
Tgt Ion: 93 Resp: 2043016

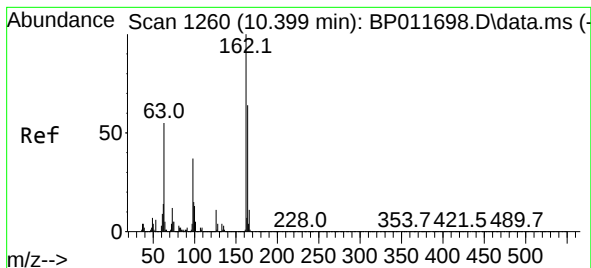
Ion Ratio Lower Upper

93 100

95 32.7 25.0 37.6

123 11.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 45.884 ng

RT: 10.393 min Scan# 1259

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

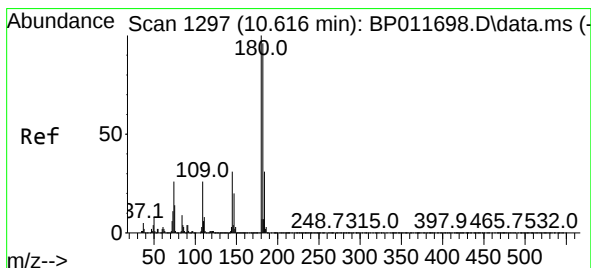
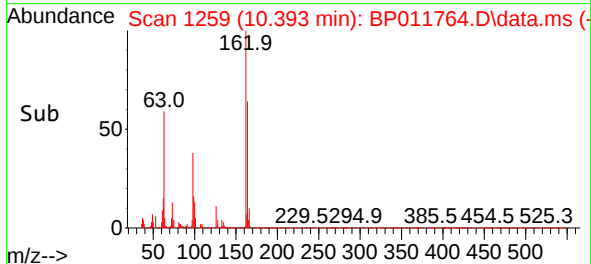
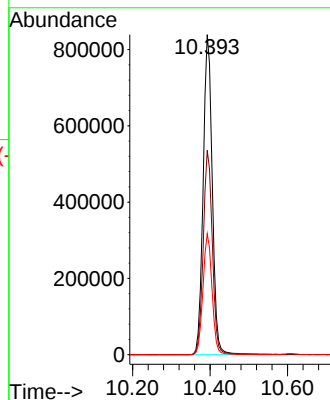
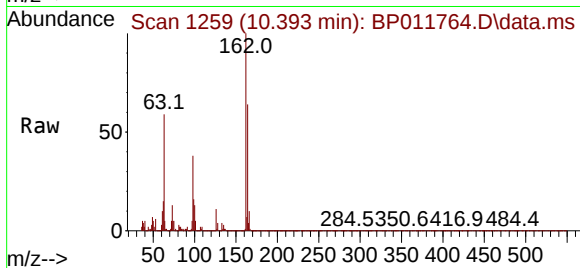
Tgt Ion:162 Resp: 1372887

Ion Ratio Lower Upper

162 100

164 63.8 43.0 83.0

98 37.8 20.4 60.4



#30

1,2,4-Trichlorobenzene

Concen: 41.610 ng

RT: 10.610 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

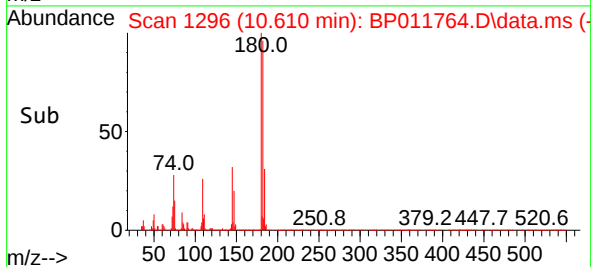
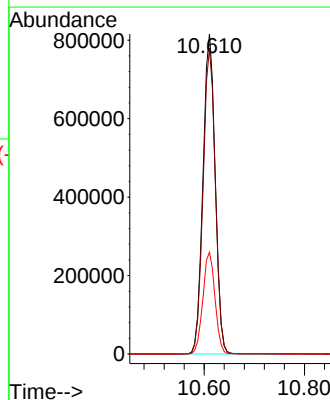
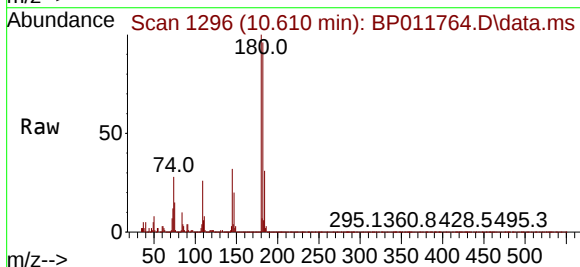
Tgt Ion:180 Resp: 1378372

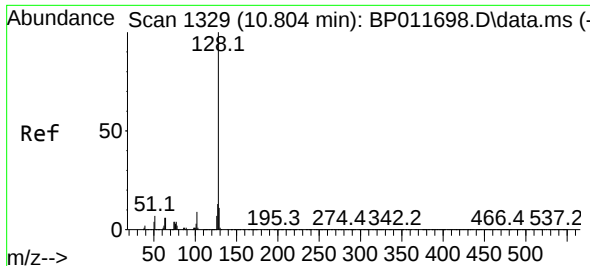
Ion Ratio Lower Upper

180 100

182 95.6 78.0 117.0

145 31.8 24.6 36.8

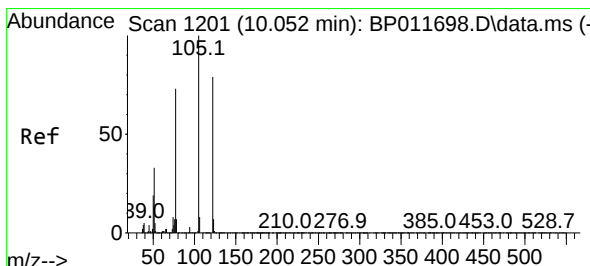
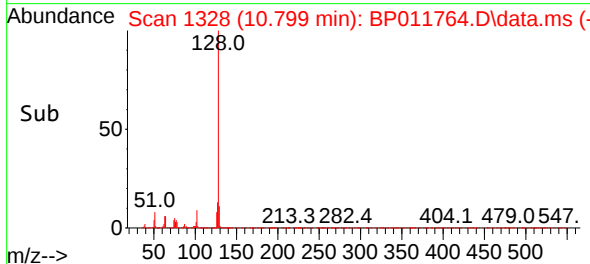
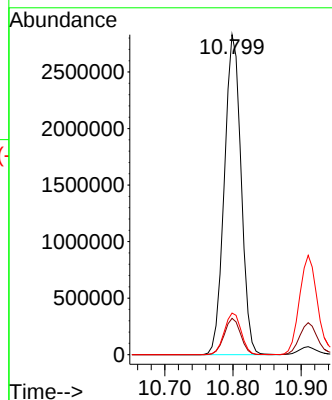
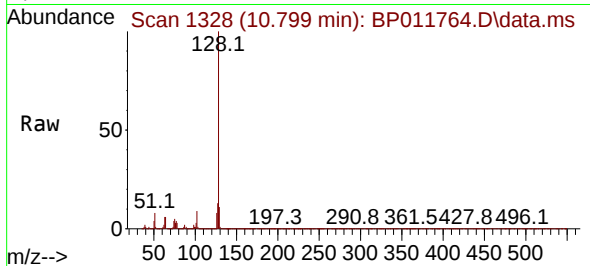




#31
Naphthalene
Concen: 42.955 ng
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

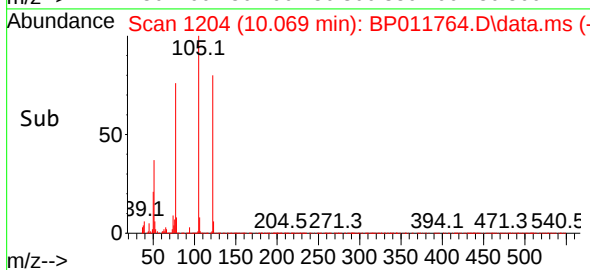
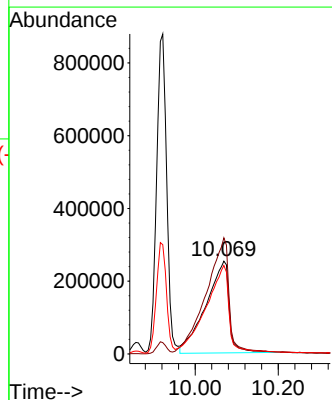
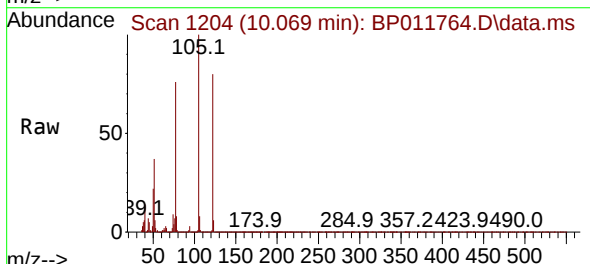
Instrument :
BNA_P
ClientSampleId :
PB147734BS

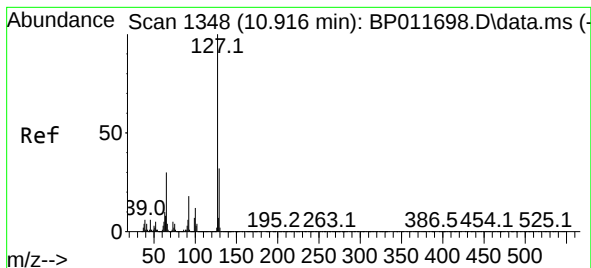
Tgt Ion:128 Resp: 4828158
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 44.220 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.035 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:122 Resp: 989690
Ion Ratio Lower Upper
122 100
105 125.2 112.6 152.6
77 95.4 90.2 130.2





#33

4-Chloroaniline

Concen: 37.703 ng

RT: 10.910 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

Tgt Ion:127 Resp: 1662673

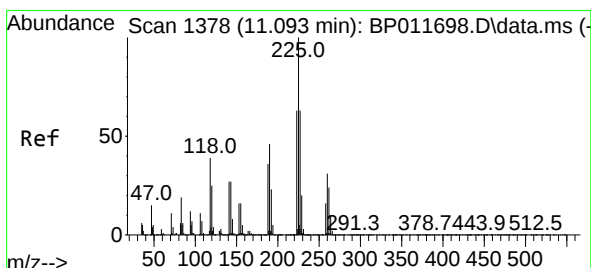
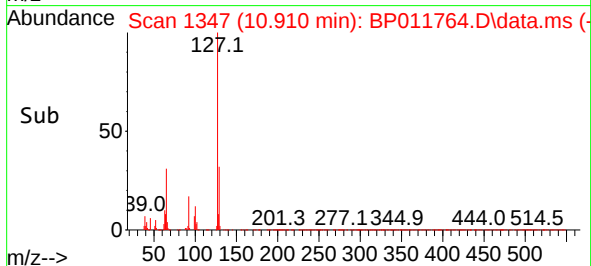
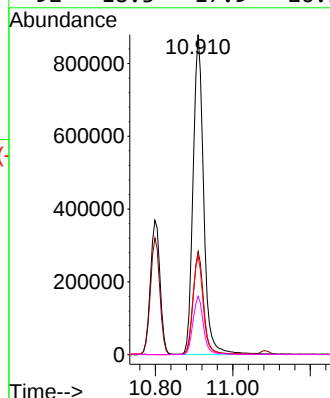
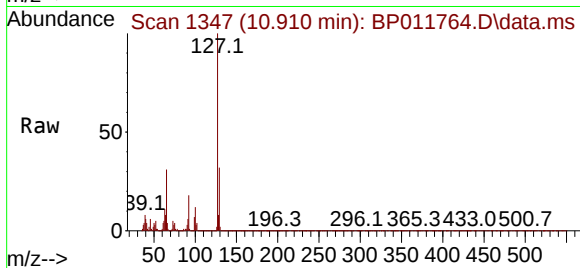
Ion Ratio Lower Upper

127 100

129 32.3 25.4 38.2

65 30.9 30.4 45.6

92 18.3 17.9 26.9



#34

Hexachlorobutadiene

Concen: 39.878 ng

RT: 11.087 min Scan# 1377

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

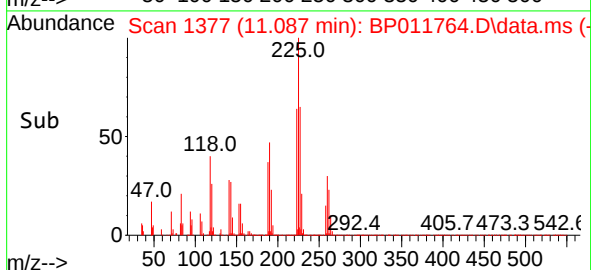
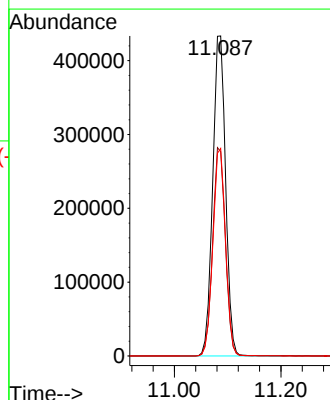
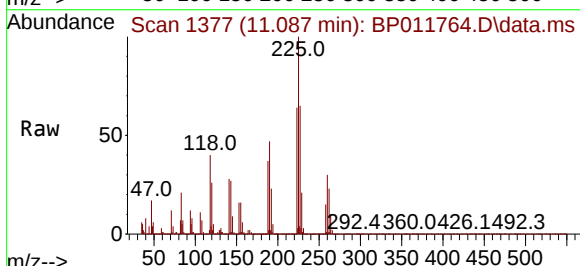
Tgt Ion:225 Resp: 727701

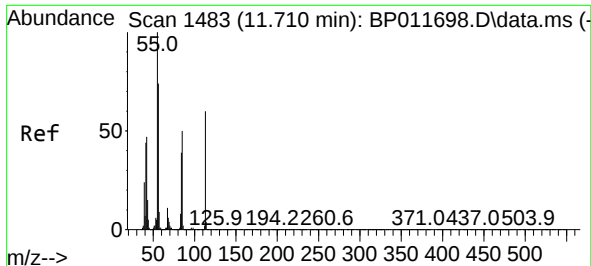
Ion Ratio Lower Upper

225 100

223 63.9 52.2 78.4

227 64.8 50.8 76.2

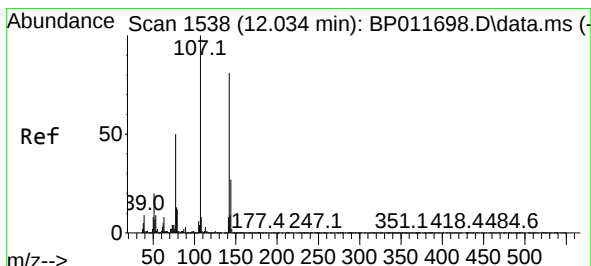
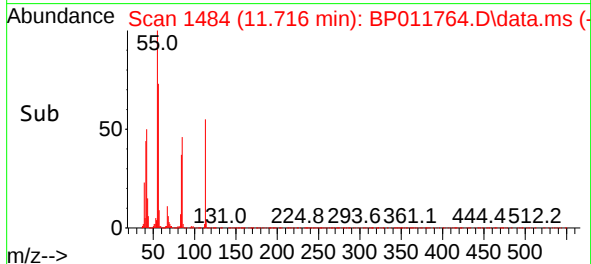
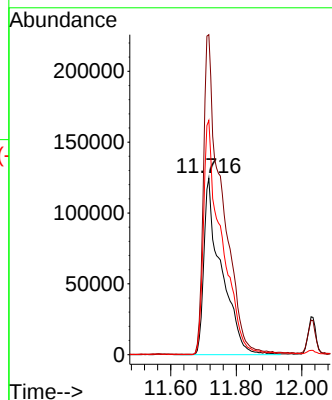
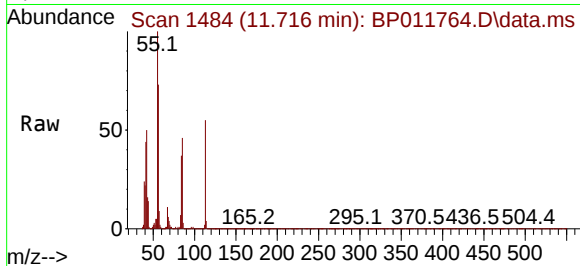




#35
Caprolactam
Concen: 47.269 ng
RT: 11.716 min Scan# 1483
Delta R.T. 0.018 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

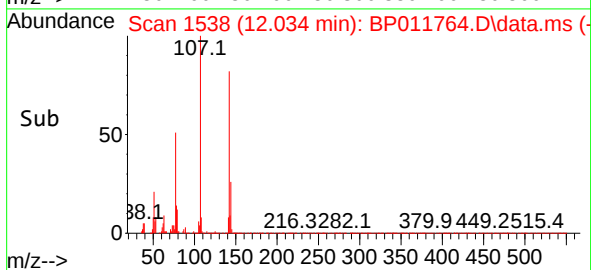
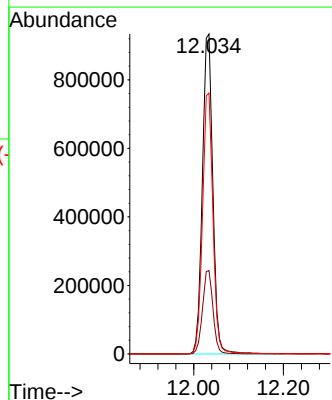
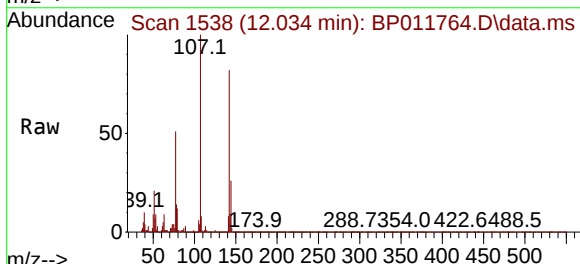
Instrument :
BNA_P
ClientSampleId :
PB147734BS

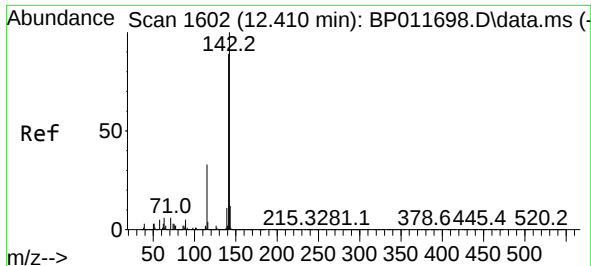
Tgt Ion:113 Resp: 458276
Ion Ratio Lower Upper
113 100
55 181.3 198.6 238.6#
56 132.7 142.7 182.7#



#36
4-Chloro-3-methylphenol
Concen: 46.964 ng
RT: 12.034 min Scan# 1538
Delta R.T. 0.012 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:107 Resp: 1511228
Ion Ratio Lower Upper
107 100
144 26.1 19.8 29.6
142 81.6 59.0 88.4

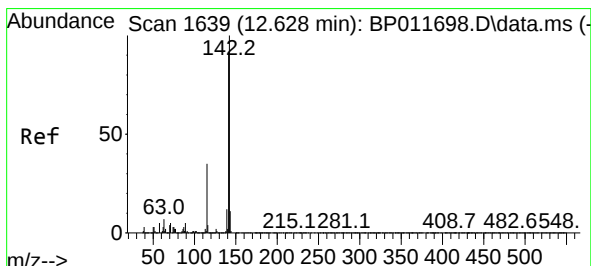
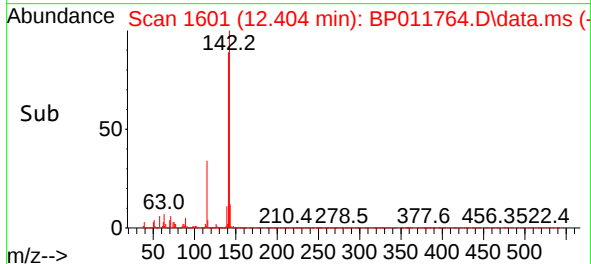
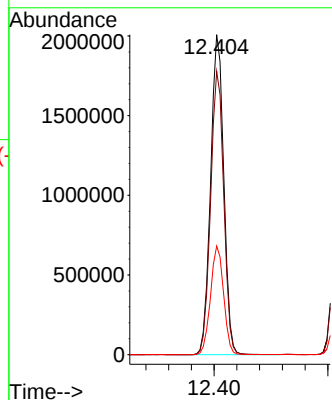
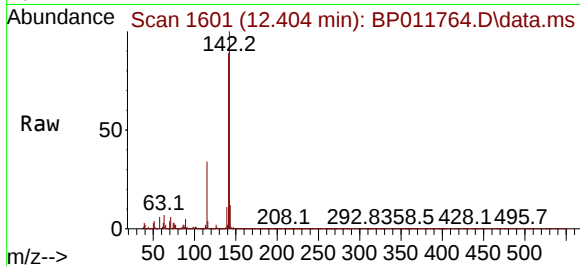




#37
2-Methylnaphthalene
Concen: 42.664 ng
RT: 12.404 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

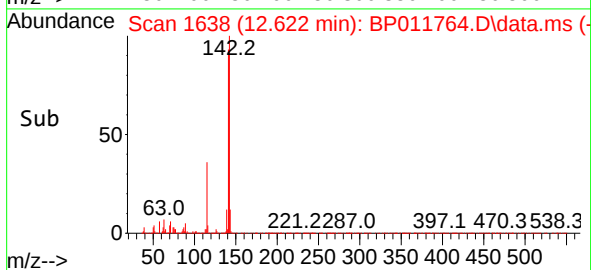
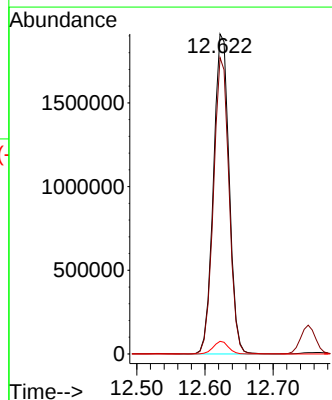
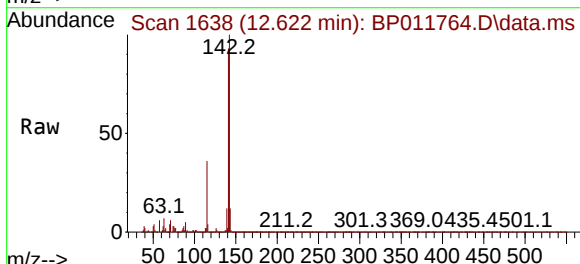
Instrument :
BNA_P
ClientSampleId :
PB147734BS

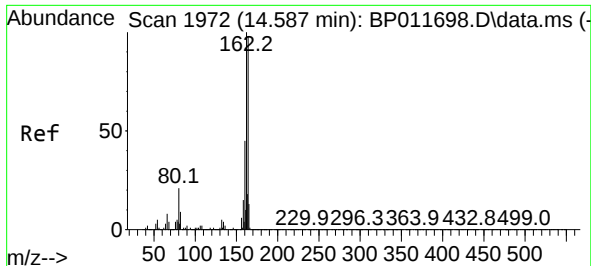
Tgt Ion:142 Resp: 3209268
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 33.9 31.4 47.2



#38
1-Methylnaphthalene
Concen: 41.574 ng
RT: 12.622 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:142 Resp: 3057551
Ion Ratio Lower Upper
142 100
141 92.6 72.6 108.8
116 3.9 3.3 4.9

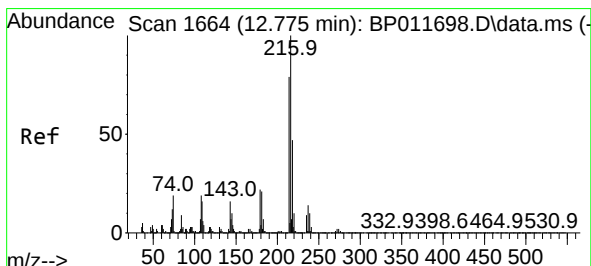
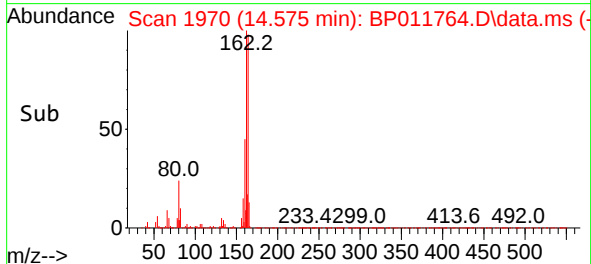
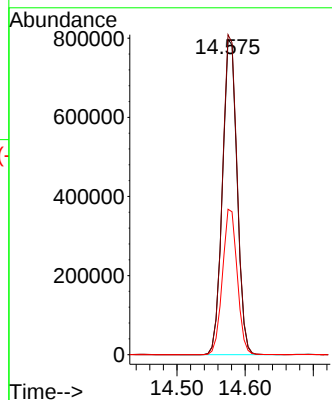
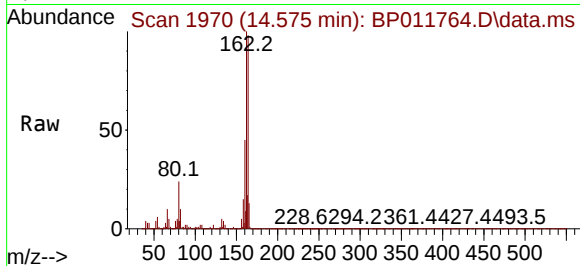




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

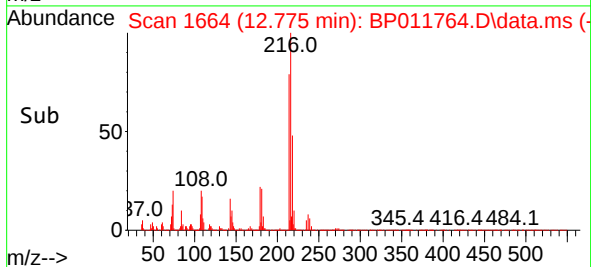
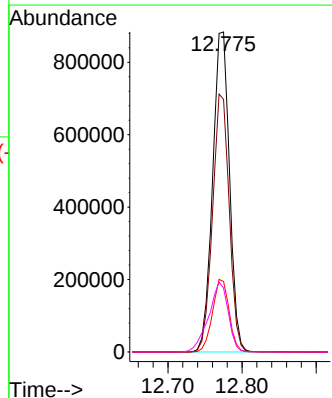
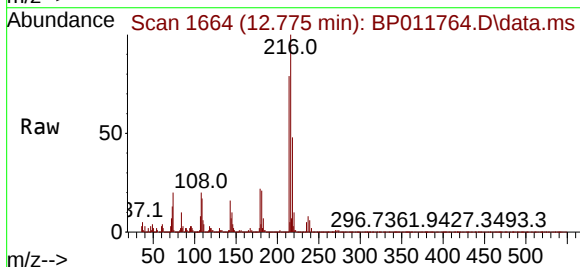
Instrument :
BNA_P
ClientSampleId :
PB147734BS

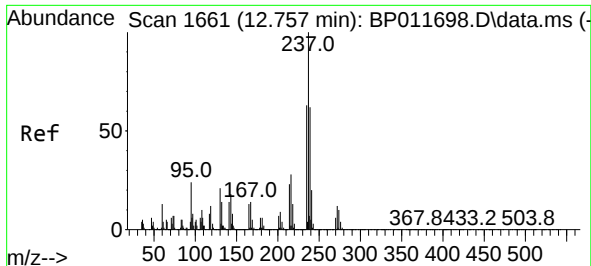
Tgt Ion:164 Resp: 1189407
Ion Ratio Lower Upper
164 100
162 101.5 81.9 122.9
160 46.2 34.6 51.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.438 ng
RT: 12.775 min Scan# 1664
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:216 Resp: 1394986
Ion Ratio Lower Upper
216 100
214 79.6 61.9 92.9
179 22.3 17.0 25.6
108 25.3 15.5 23.3#

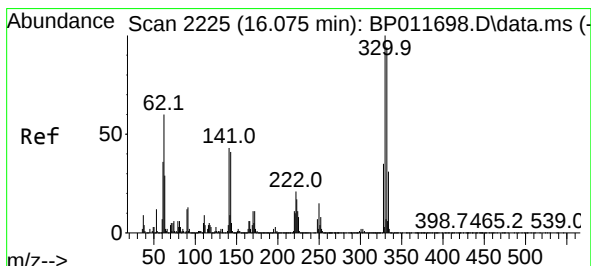
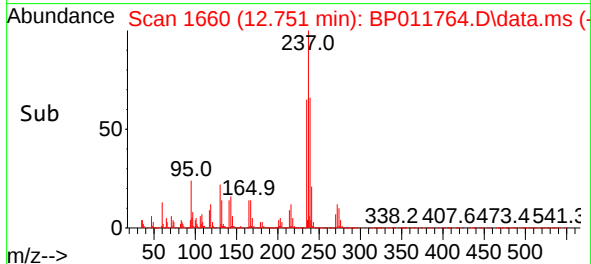
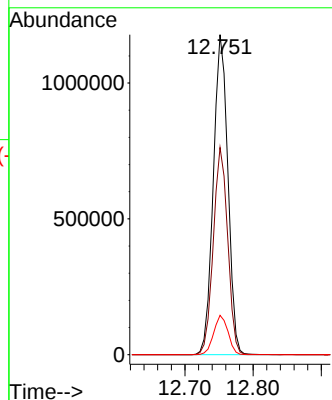
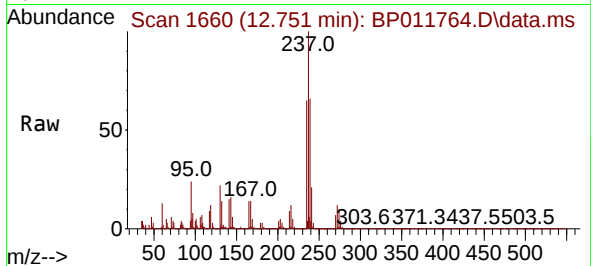




#41
Hexachlorocyclopentadiene
Concen: 111.771 ng
RT: 12.751 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

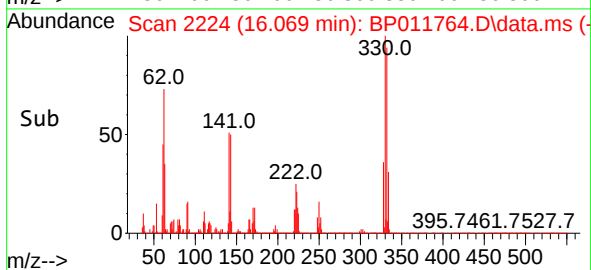
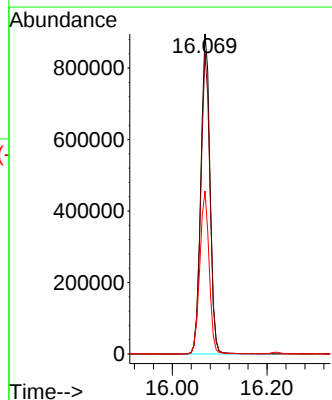
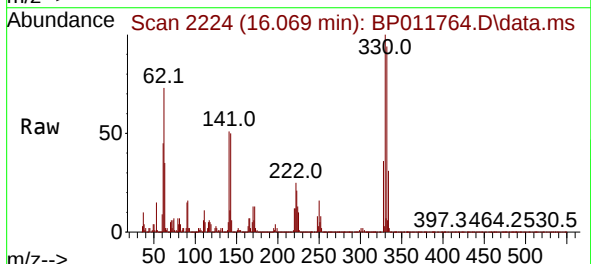
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BNA_P
ClientSampleId :
PB147734BS

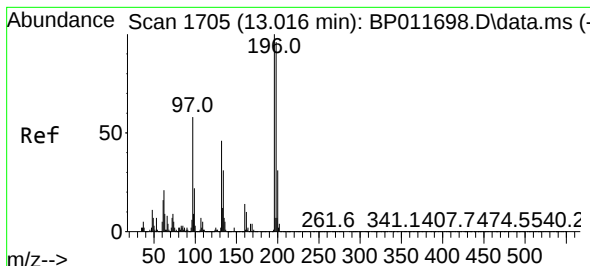
Tgt Ion:237 Resp: 1751337
Ion Ratio Lower Upper
237 100
235 64.7 43.3 83.3
272 12.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 129.847 ng
RT: 16.069 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:330 Resp: 1206706
Ion Ratio Lower Upper
330 100
332 94.2 78.1 117.1
141 51.8 31.4 47.2#





#43

2,4,6-Trichlorophenol

Concen: 44.927 ng

RT: 13.010 min Scan# 1704

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

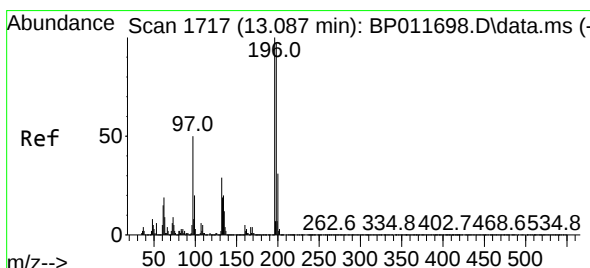
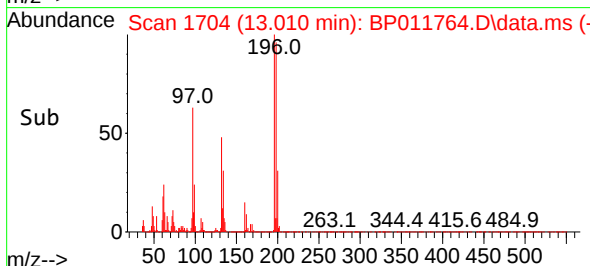
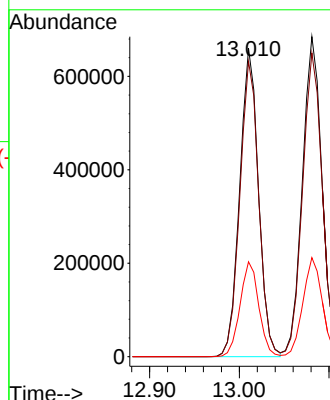
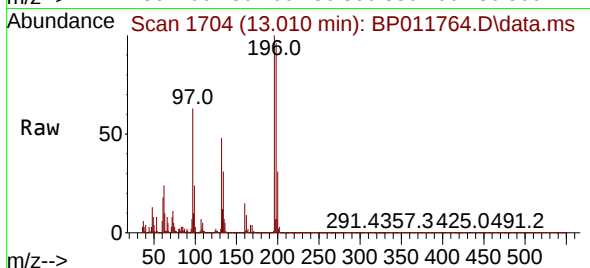
Tgt Ion:196 Resp: 959336

Ion Ratio Lower Upper

196 100

198 95.8 77.7 116.5

200 30.8 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.324 ng

RT: 13.081 min Scan# 1716

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Tgt Ion:196 Resp: 1058220

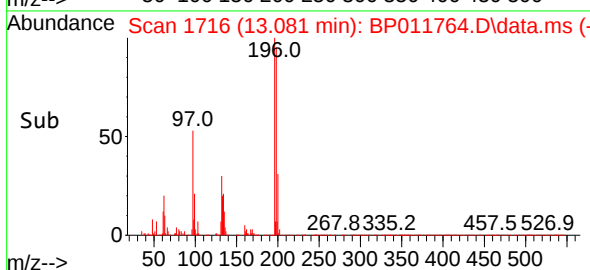
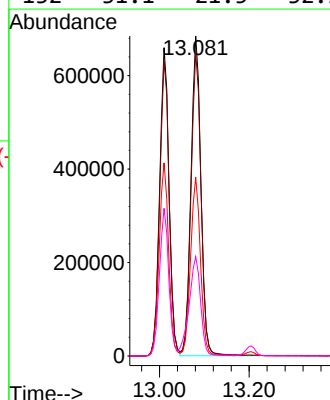
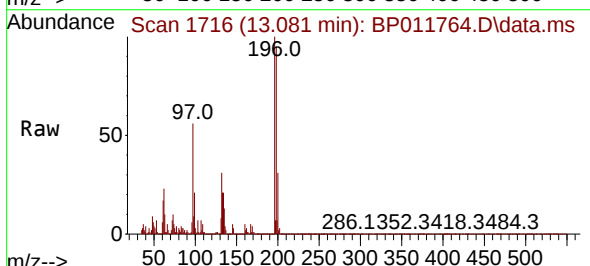
Ion Ratio Lower Upper

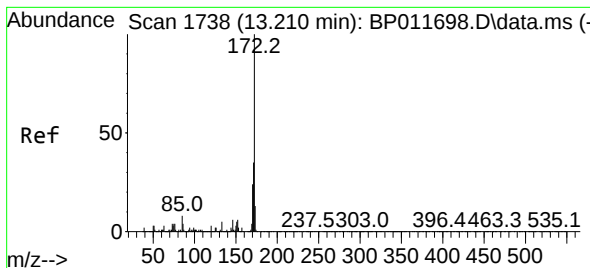
196 100

198 94.9 75.7 113.5

97 55.9 42.4 63.6

132 31.1 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 84.800 ng

RT: 13.204 min Scan# 1737

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

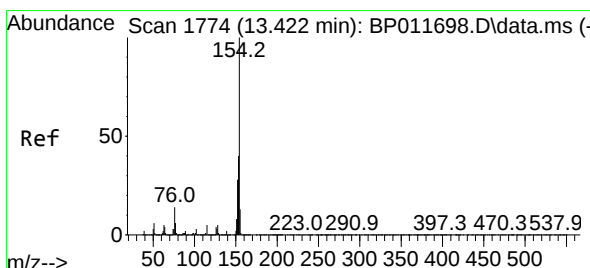
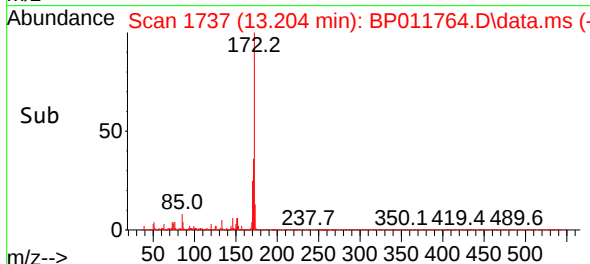
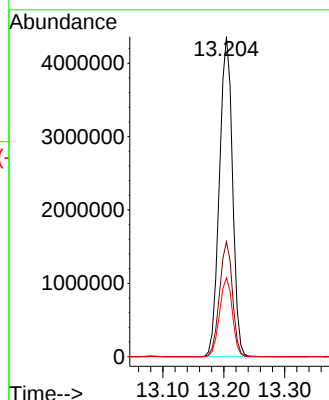
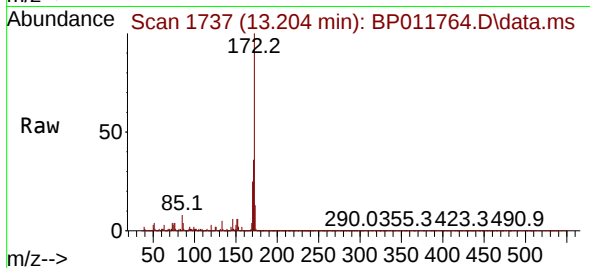
Tgt Ion:172 Resp: 6488624

Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 24.7 18.2 27.2



#46

1,1'-Biphenyl

Concen: 46.026 ng

RT: 13.416 min Scan# 1773

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

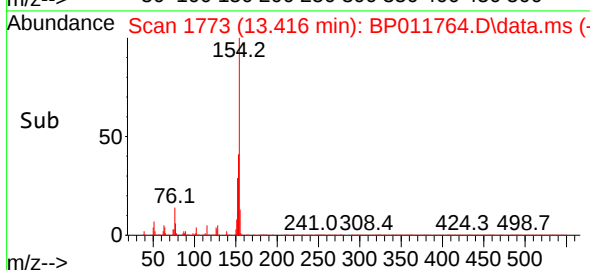
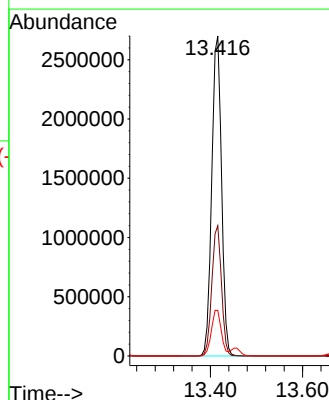
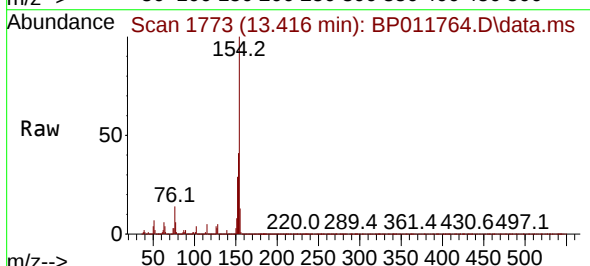
Tgt Ion:154 Resp: 3982463

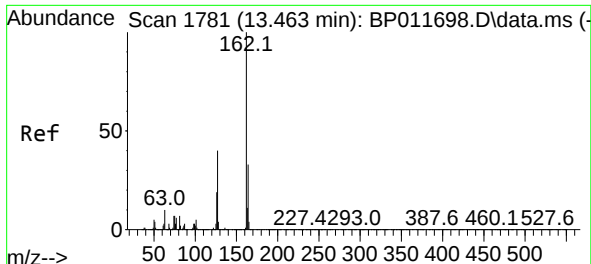
Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 14.3 0.0 33.2





#47

2-Chloronaphthalene

Concen: 43.823 ng

RT: 13.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

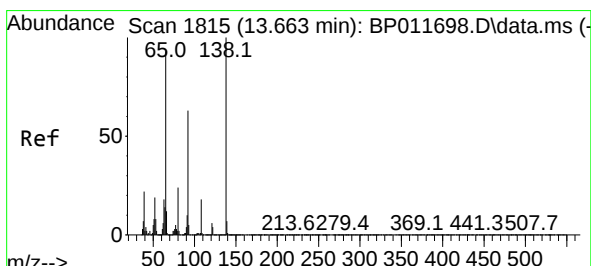
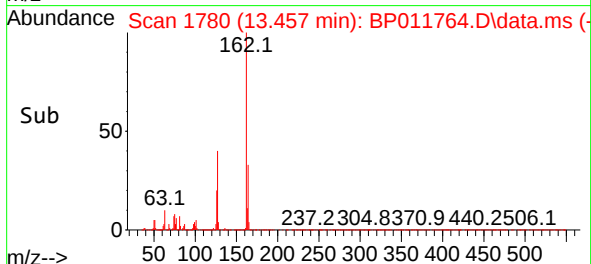
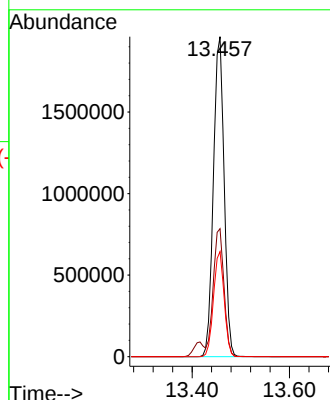
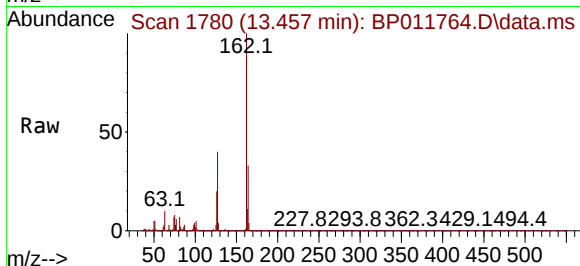
Tgt Ion:162 Resp: 2983433

Ion Ratio Lower Upper

162 100

127 40.0 32.4 48.6

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 52.417 ng

RT: 13.657 min Scan# 1814

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

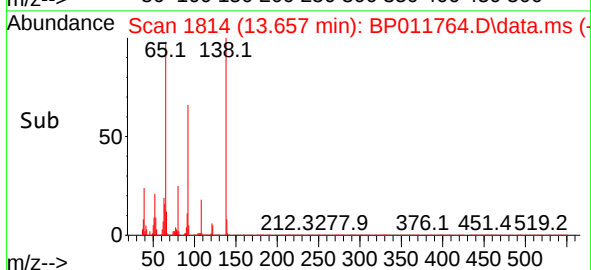
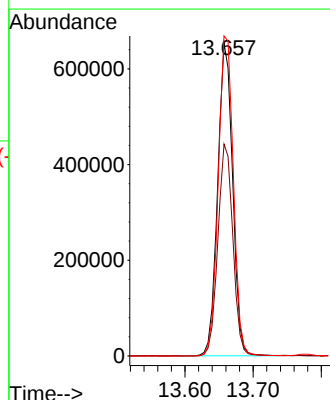
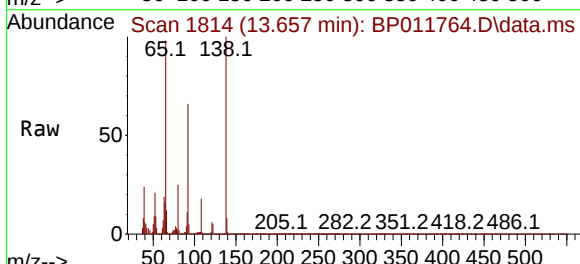
Tgt Ion: 65 Resp: 1000729

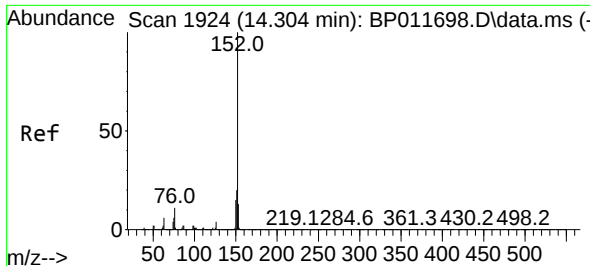
Ion Ratio Lower Upper

65 100

92 67.8 50.0 75.0

138 102.4 71.2 106.8

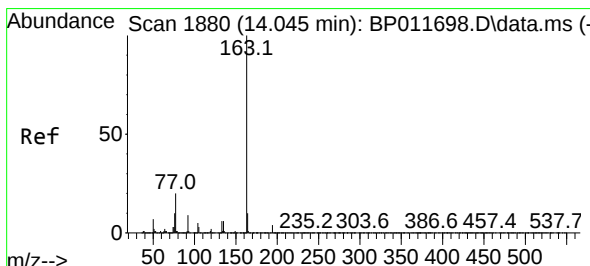
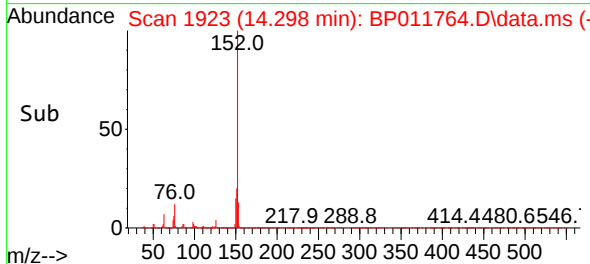
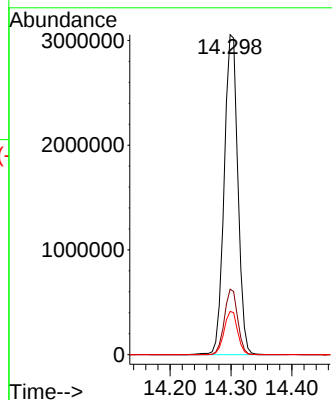
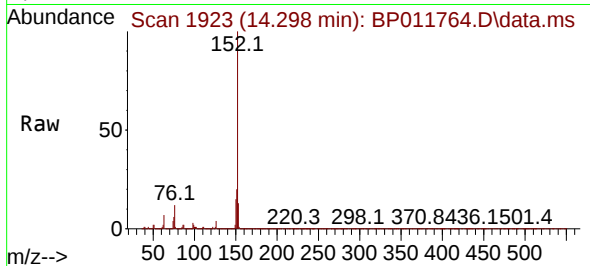




#49
Acenaphthylene
Concen: 45.218 ng
RT: 14.298 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

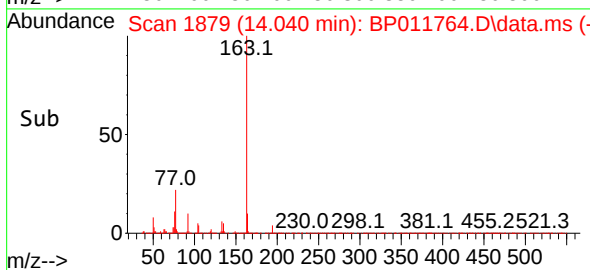
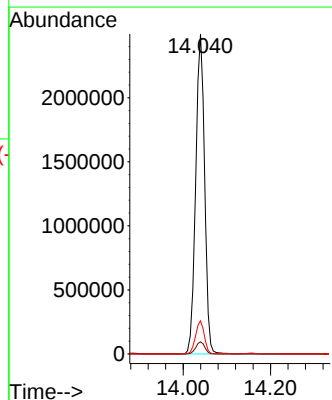
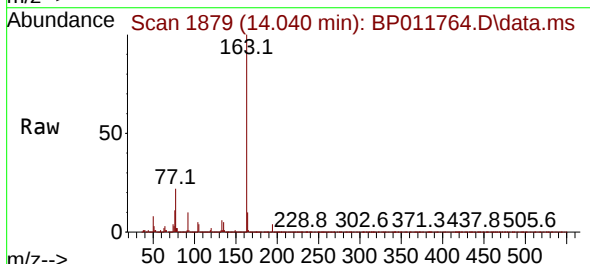
Instrument :
BNA_P
ClientSampleId :
PB147734BS

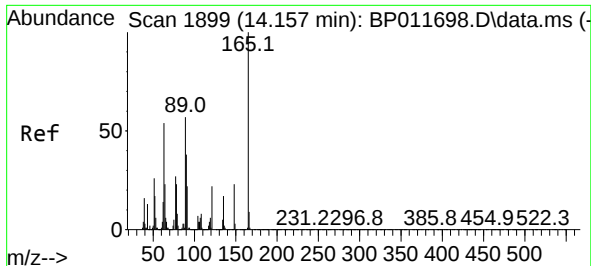
Tgt Ion:152 Resp: 4763218
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.5 10.4 15.6



#50
Dimethylphthalate
Concen: 42.721 ng
RT: 14.040 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:163 Resp: 3544850
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.2 12.4

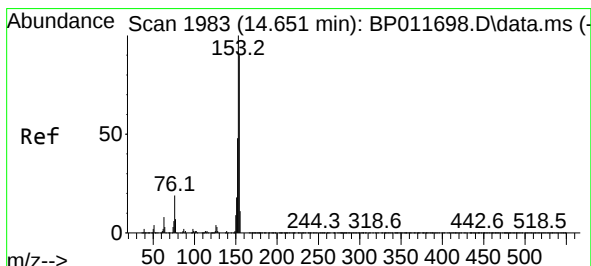
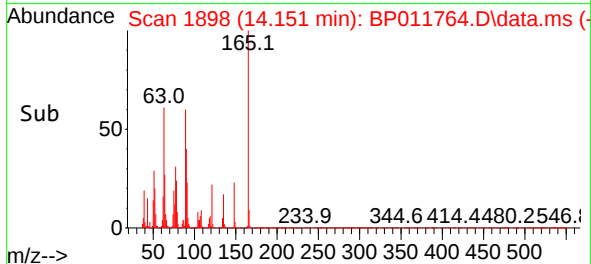
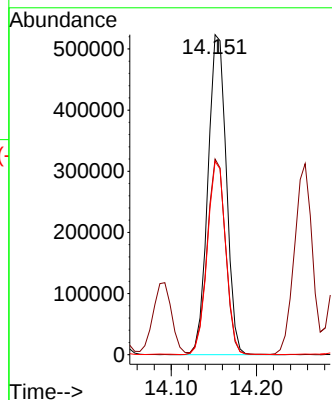
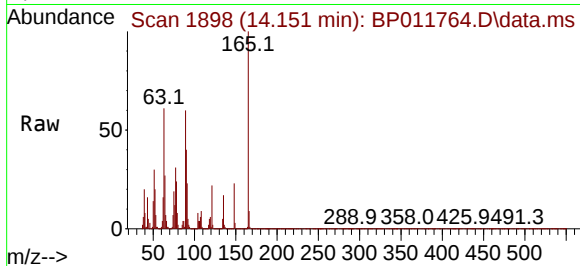




#51
2,6-Dinitrotoluene
Concen: 46.574 ng
RT: 14.151 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

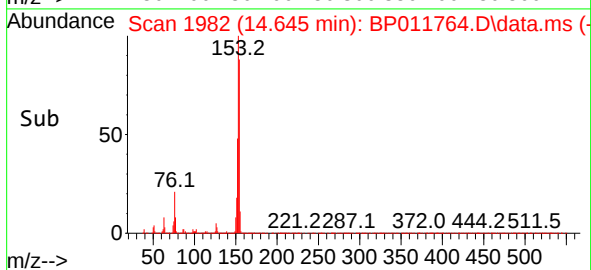
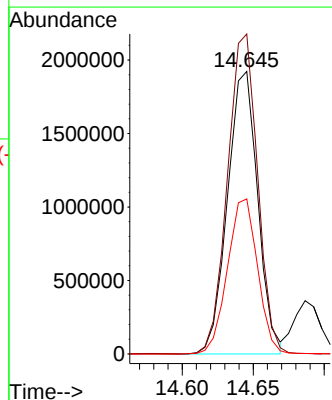
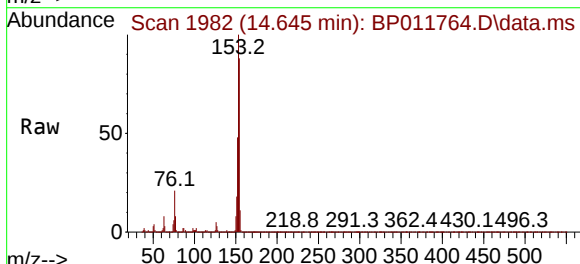
Instrument :
BNA_P
ClientSampleId :
PB147734BS

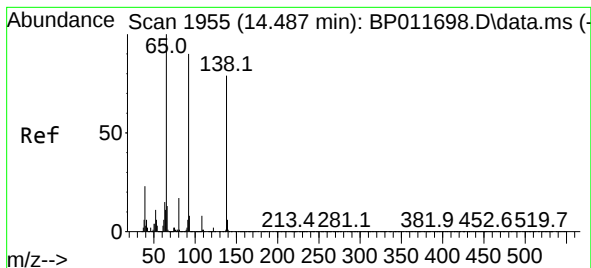
Tgt Ion:165 Resp: 783662
Ion Ratio Lower Upper
165 100
63 61.1 57.3 85.9
89 60.4 50.2 75.2



#52
Acenaphthene
Concen: 40.694 ng
RT: 14.645 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:154 Resp: 2851411
Ion Ratio Lower Upper
154 100
153 113.3 87.4 131.2
152 54.9 41.7 62.5

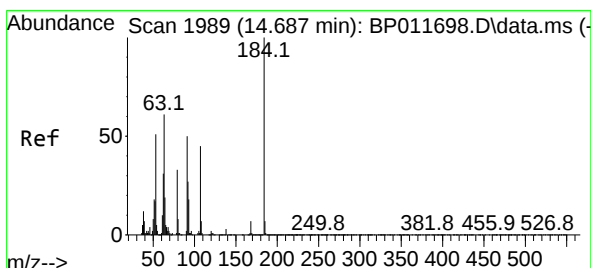
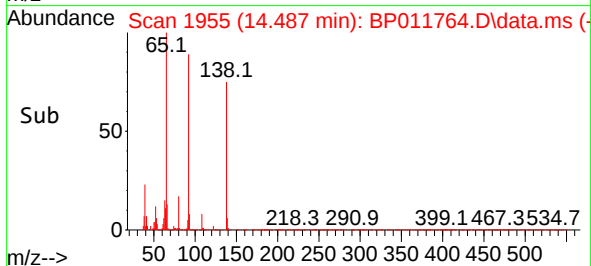
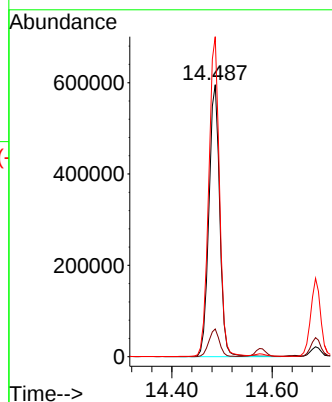
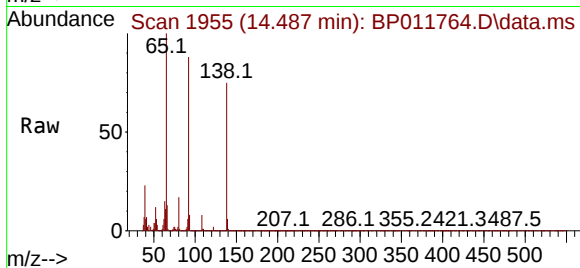




#53
3-Nitroaniline
Concen: 42.025 ng
RT: 14.487 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

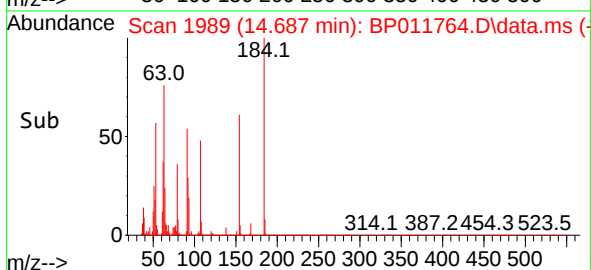
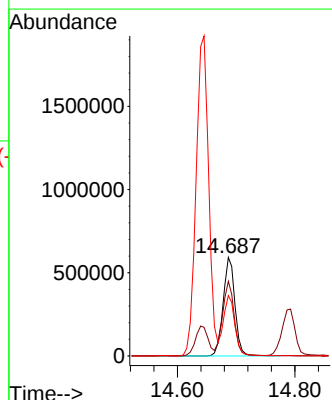
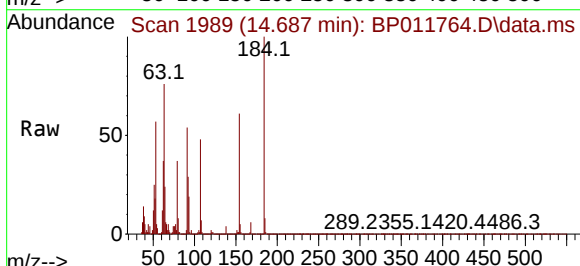
Instrument :
BNA_P
ClientSampleId :
PB147734BS

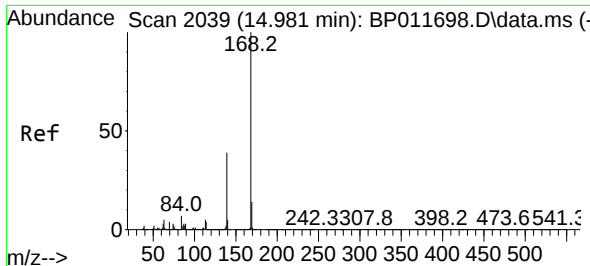
Tgt Ion:138 Resp: 889442
Ion Ratio Lower Upper
138 100
108 10.2 9.5 14.3
92 117.7 99.9 149.9



#54
2,4-Dinitrophenol
Concen: 84.223 ng
RT: 14.687 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:184 Resp: 822348
Ion Ratio Lower Upper
184 100
63 75.8 65.4 98.2
154 61.2 55.4 83.2

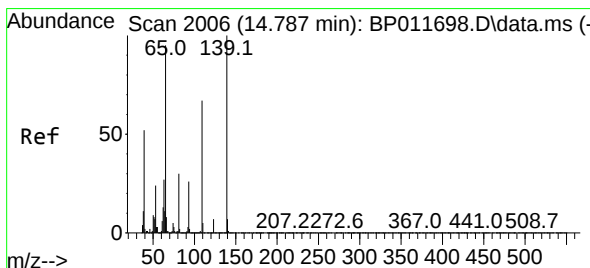
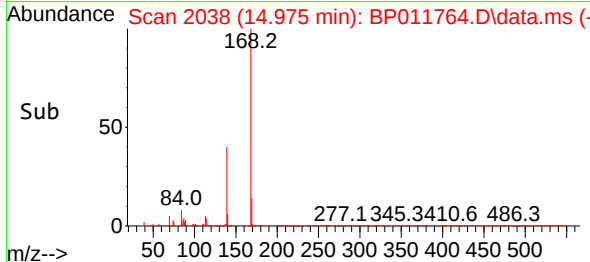
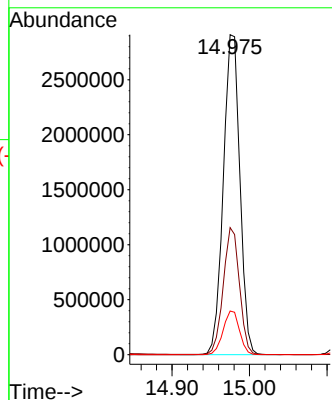
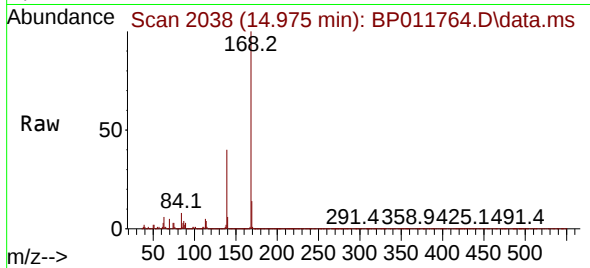




#55
Dibenzenofuran
Concen: 42.808 ng
RT: 14.975 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

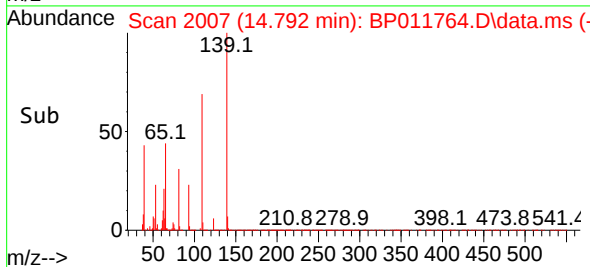
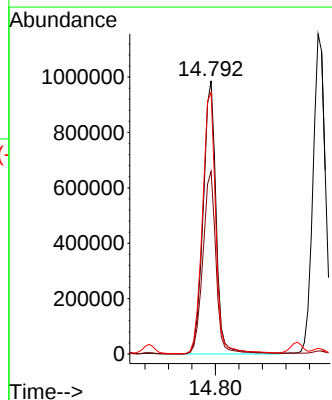
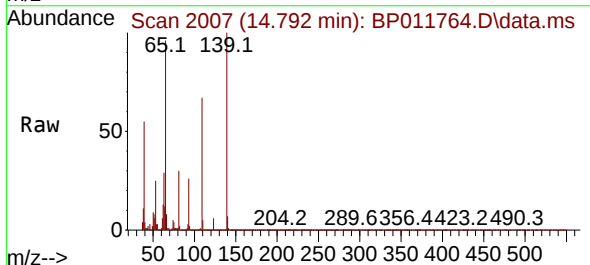
Instrument :
BNA_P
ClientSampleId :
PB147734BS

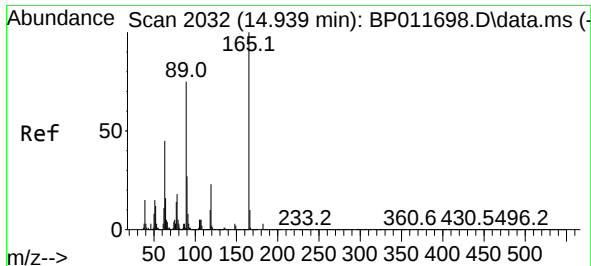
Tgt Ion:168 Resp: 4319480
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.7 10.3 15.5



#56
4-Nitrophenol
Concen: 92.191 ng
RT: 14.792 min Scan# 2007
Delta R.T. 0.018 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:139 Resp: 1507251
Ion Ratio Lower Upper
139 100
109 66.9 70.6 110.6#
65 95.8 106.6 146.6#

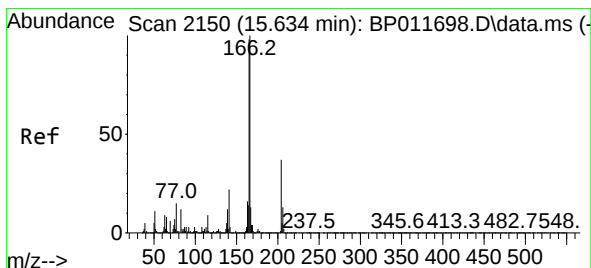
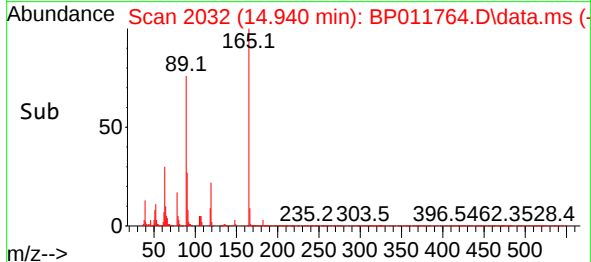
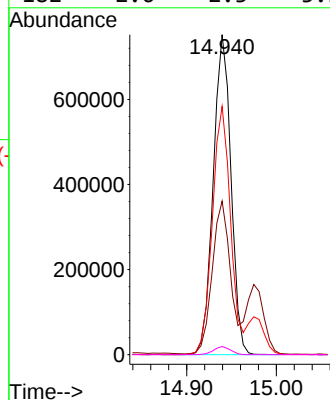
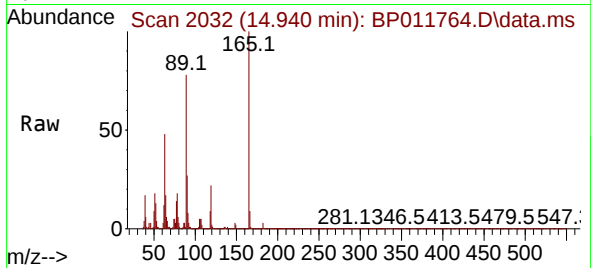




#57
2,4-Dinitrotoluene
Concen: 42.553 ng
RT: 14.940 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

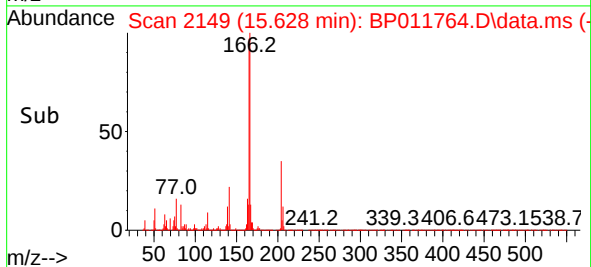
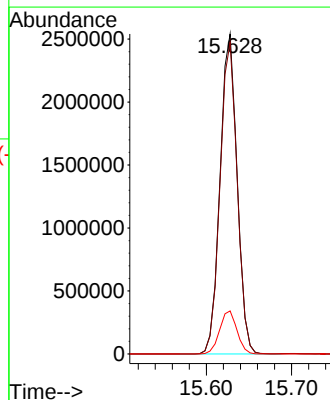
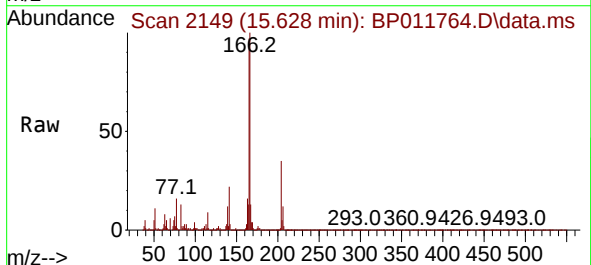
Instrument :
BNA_P
ClientSampleId :
PB147734BS

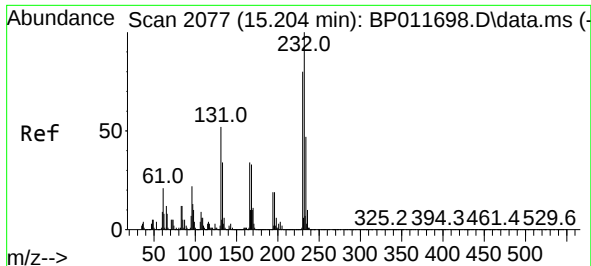
Tgt Ion:165 Resp: 1031193
Ion Ratio Lower Upper
165 100
63 48.0 46.2 69.2
89 77.6 65.8 98.8
182 2.6 2.3 3.5



#58
Fluorene
Concen: 43.217 ng
RT: 15.628 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:166 Resp: 3536955
Ion Ratio Lower Upper
166 100
165 97.4 77.0 115.4
167 13.5 10.9 16.3

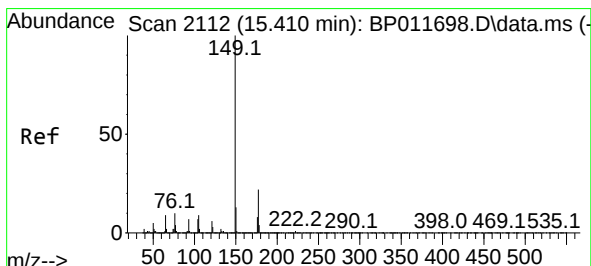
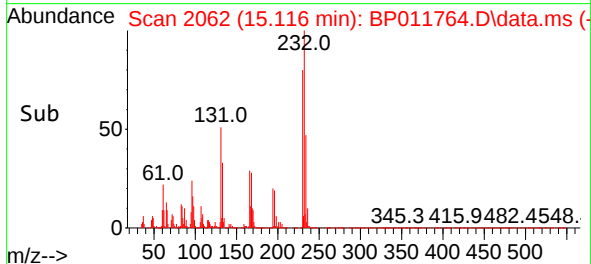
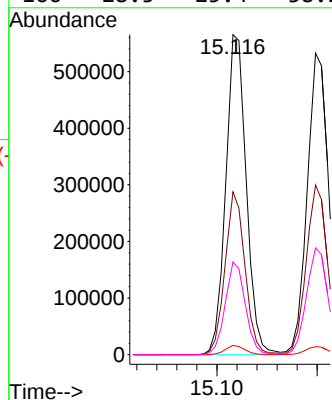
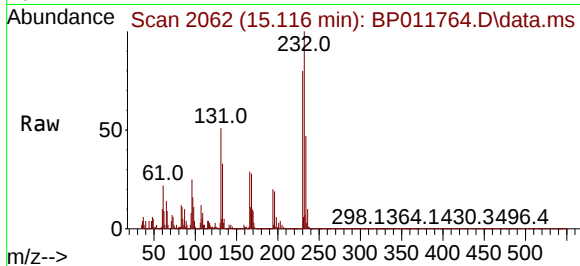




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.956 ng
RT: 15.116 min Scan# 2077
Delta R.T. -0.082 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

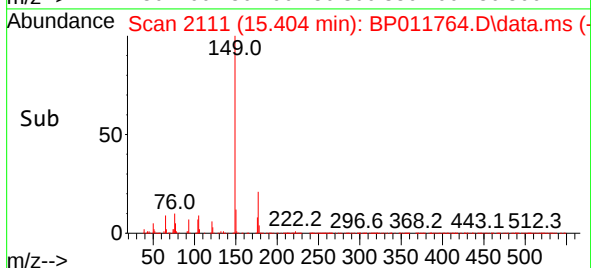
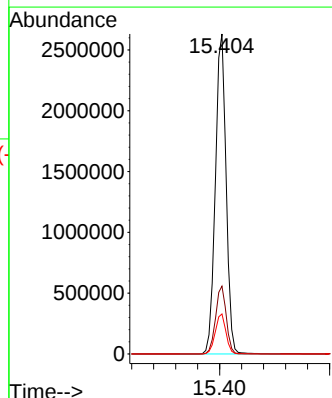
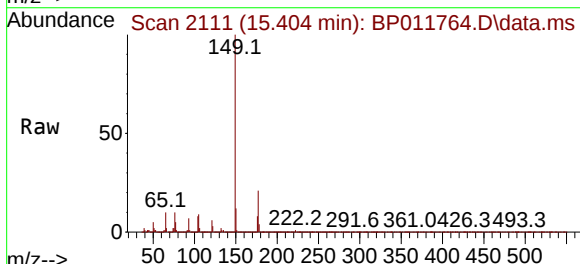
Instrument :
BNA_P
ClientSampleId :
PB147734BS

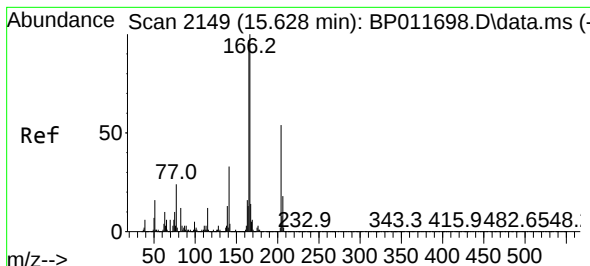
Tgt	Ion:232	Resp:	803296
Ion	Ratio	Lower	Upper
232	100		
131	49.5	37.0	55.6
130	2.8	2.2	3.2
166	28.5	25.4	38.2



#60
Diethylphthalate
Concen: 43.267 ng
RT: 15.404 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:149	Resp: 3574305		
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.8	26.8
150	12.5	9.9	14.9

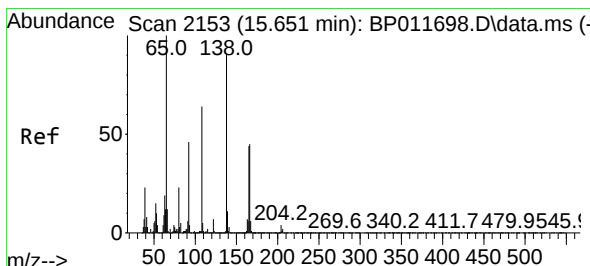
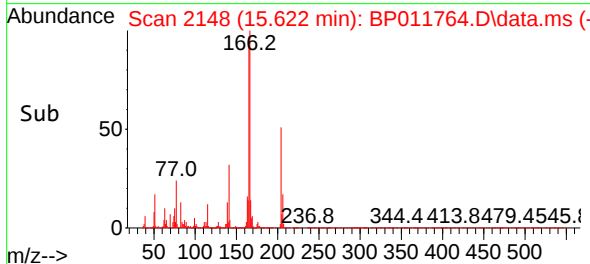
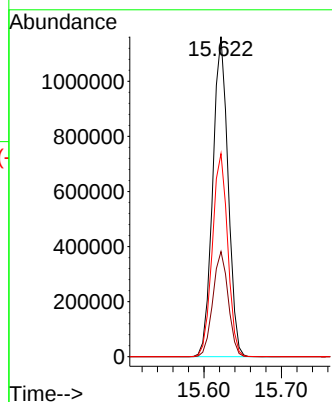
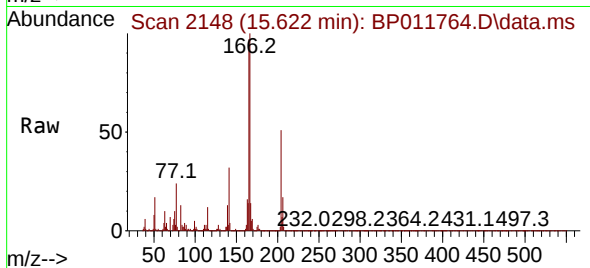




#61
4-Chlorophenyl-phenylether
Concen: 42.348 ng
RT: 15.622 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

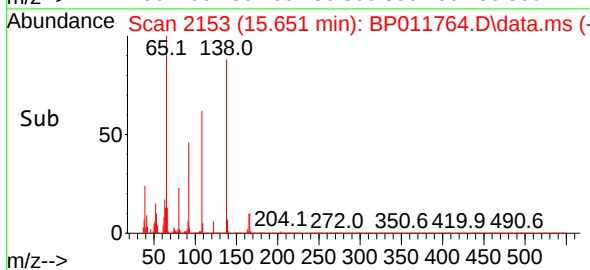
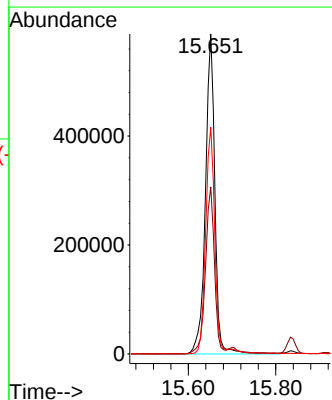
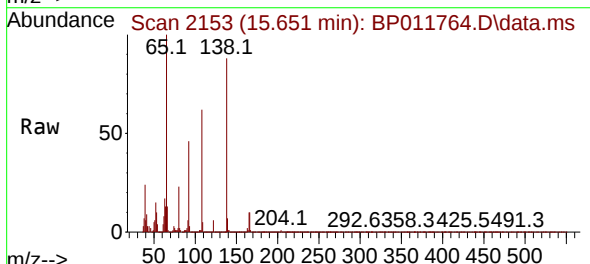
Instrument :
BNA_P
ClientSampleId :
PB147734BS

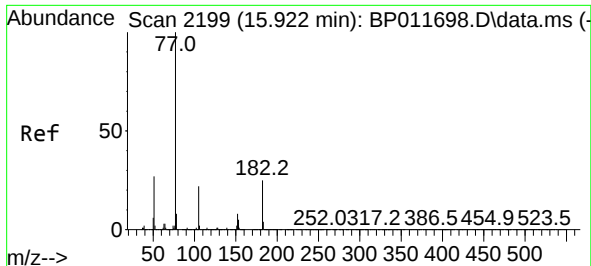
Tgt Ion:204 Resp: 1602128
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 63.4 51.1 76.7



#62
4-Nitroaniline
Concen: 40.973 ng
RT: 15.651 min Scan# 2153
Delta R.T. 0.012 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:138 Resp: 884524
Ion Ratio Lower Upper
138 100
92 52.2 38.0 78.0
108 70.9 77.6 117.6#

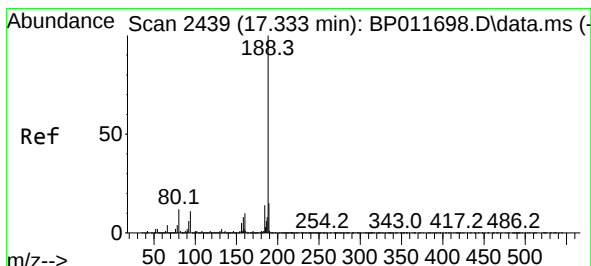
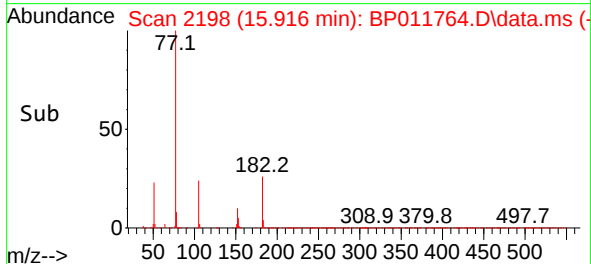
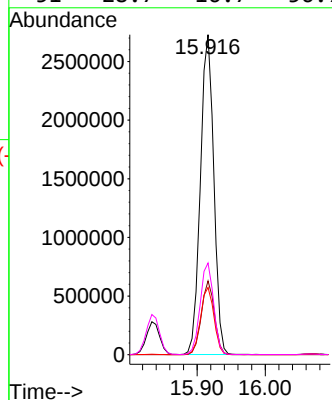
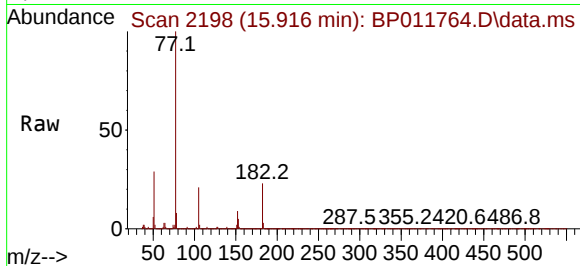




#63
Azobenzene
Concen: 46.943 ng
RT: 15.916 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

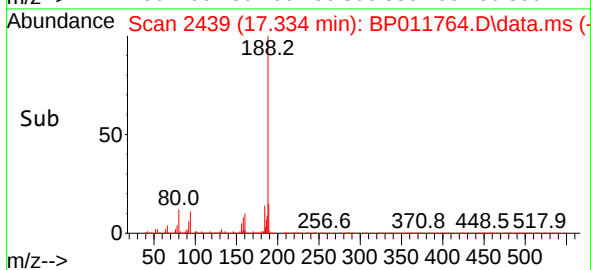
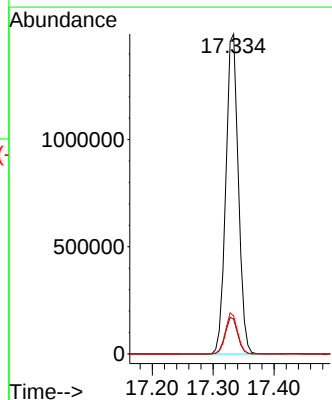
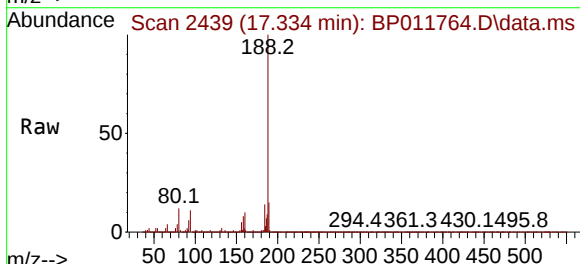
Instrument :
BNA_P
ClientSampleId :
PB147734BS

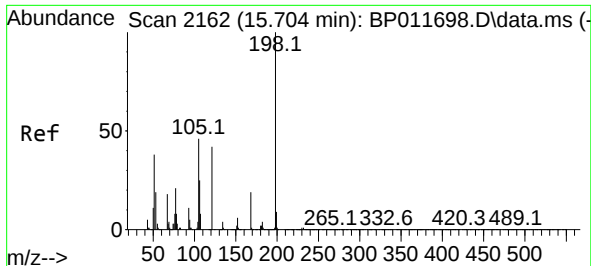
Tgt Ion: 77 Resp: 3726692
Ion Ratio Lower Upper
77 100
182 23.0 3.0 43.0
105 21.0 0.0 38.6
51 28.7 16.7 56.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.334 min Scan# 2439
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion: 188 Resp: 2130963
Ion Ratio Lower Upper
188 100
94 10.9 6.6 10.0#
80 11.8 8.0 12.0

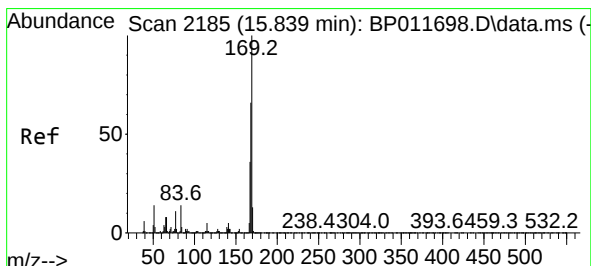
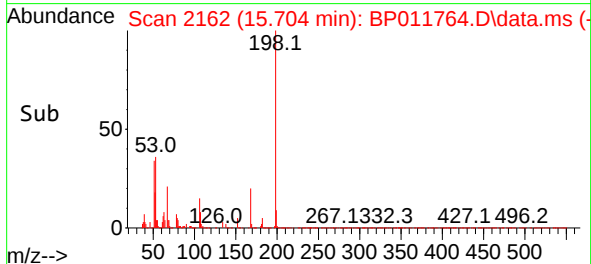
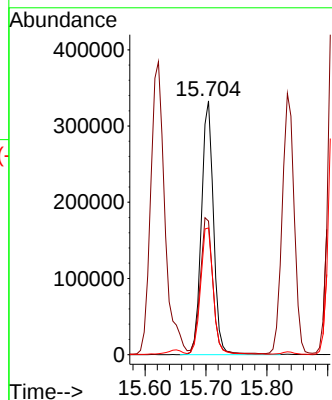
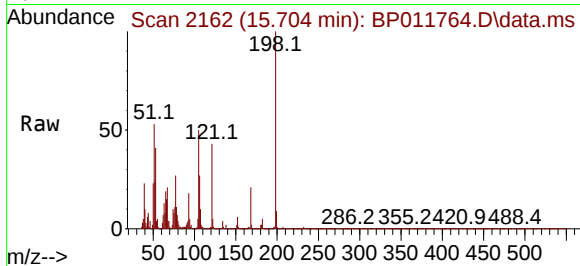




#65
4,6-Dinitro-2-methylphenol
Concen: 40.868 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

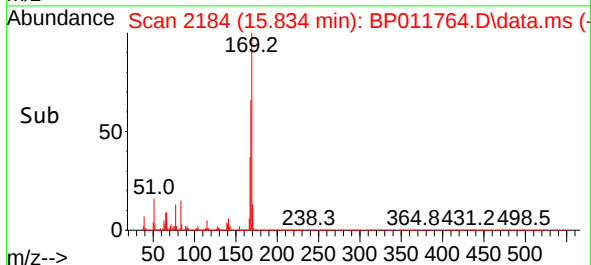
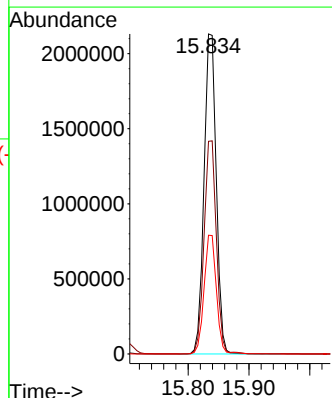
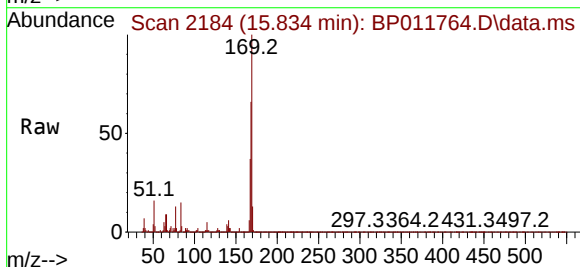
Instrument :
BNA_P
ClientSampleId :
PB147734BS

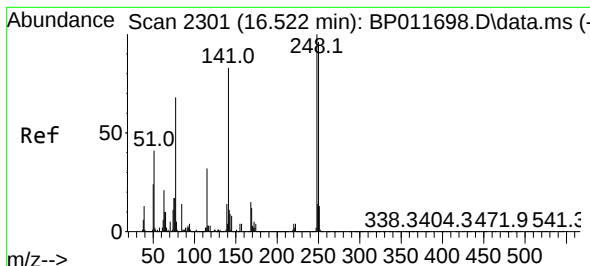
Tgt Ion:198 Resp: 458146
Ion Ratio Lower Upper
198 100
51 52.7 41.2 81.2
105 49.9 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 46.890 ng
RT: 15.834 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:169 Resp: 2973053
Ion Ratio Lower Upper
169 100
168 66.5 51.8 77.8
167 37.1 28.3 42.5

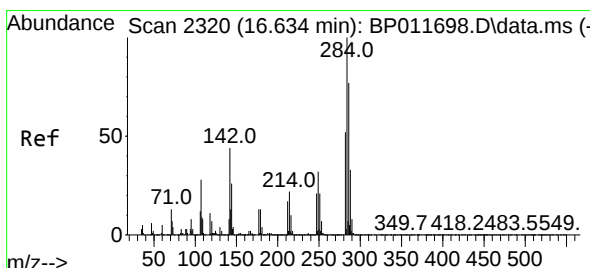
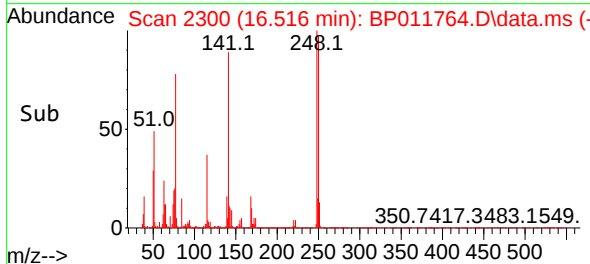
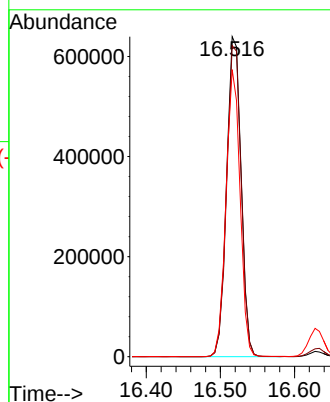
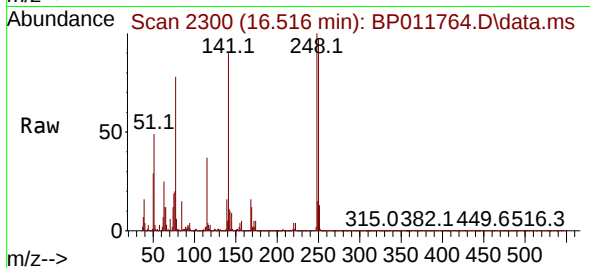




#67
4-Bromophenyl-phenylether
Concen: 43.719 ng
RT: 16.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

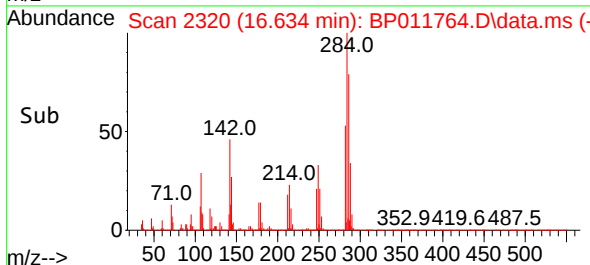
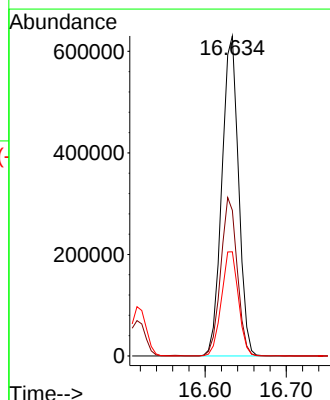
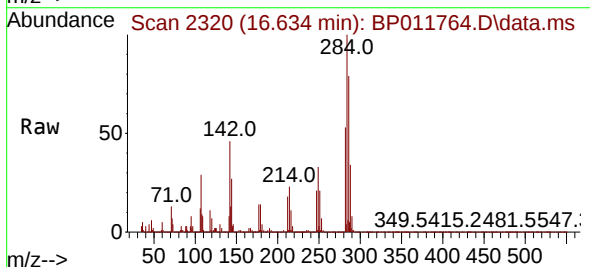
Instrument :
BNA_P
ClientSampleId :
PB147734BS

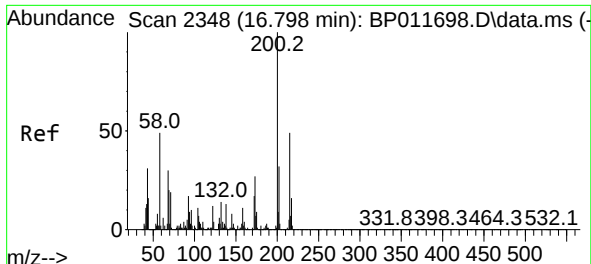
Tgt Ion:248 Resp: 872128
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 89.7 62.0 93.0



#68
Hexachlorobenzene
Concen: 41.867 ng
RT: 16.634 min Scan# 2320
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:284 Resp: 899467
Ion Ratio Lower Upper
284 100
142 45.5 30.8 46.2
249 32.5 26.8 40.2

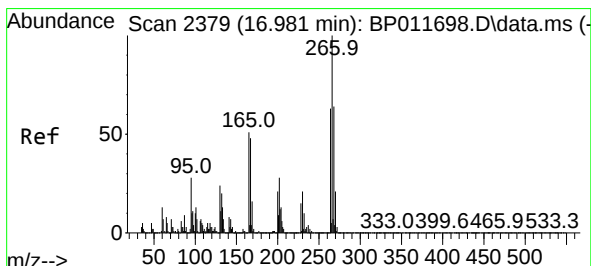
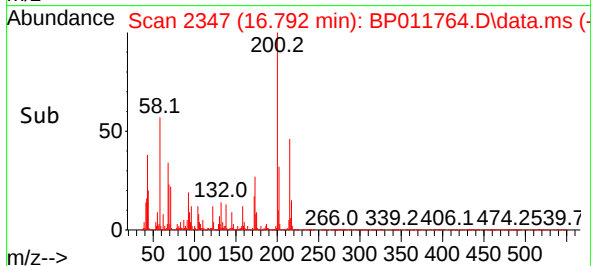
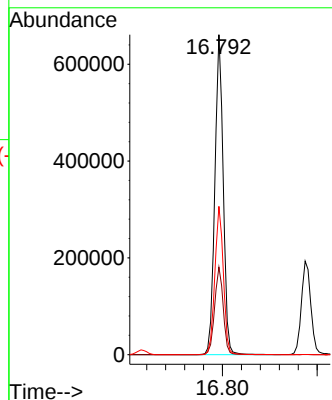
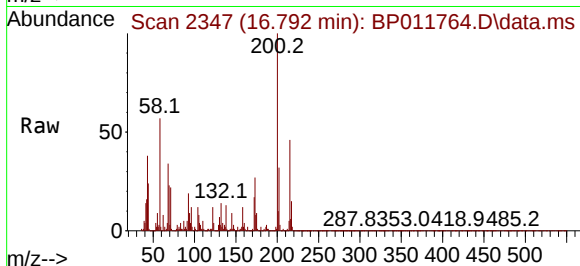




#69
 Atrazine
 Concen: 41.776 ng
 RT: 16.792 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP011764.D
 Acq: 20 Sep 2022 16:56

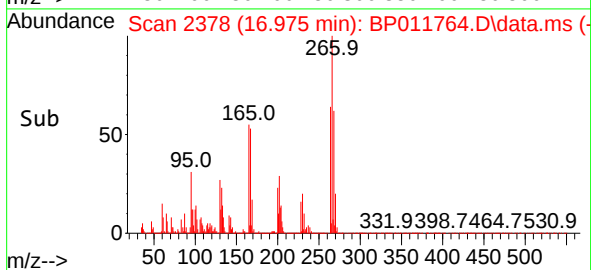
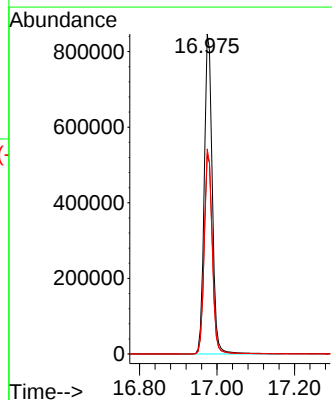
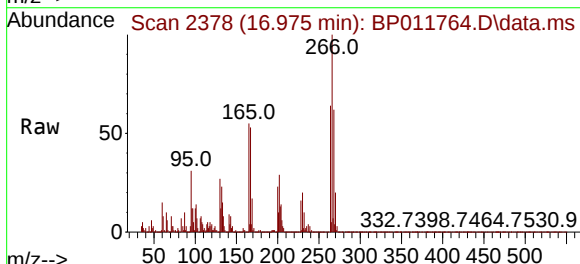
Instrument :
 BNA_P
 ClientSampleId :
 PB147734BS

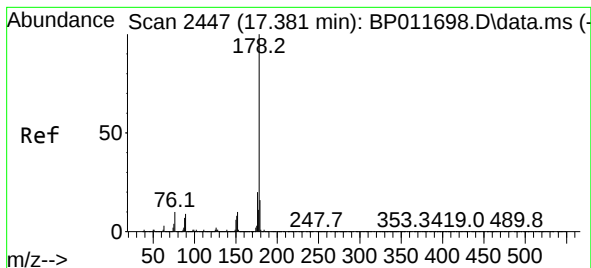
Tgt Ion:200 Resp: 808532
 Ion Ratio Lower Upper
 200 100
 173 27.4 5.3 45.3
 215 46.3 29.4 69.4



#70
 Pentachlorophenol
 Concen: 89.159 ng
 RT: 16.975 min Scan# 2378
 Delta R.T. 0.000 min
 Lab File: BP011764.D
 Acq: 20 Sep 2022 16:56

Tgt Ion:266 Resp: 1215182
 Ion Ratio Lower Upper
 266 100
 268 62.0 50.5 75.7
 264 64.1 50.4 75.6





#71

Phenanthrene

Concen: 43.565 ng

RT: 17.375 min Scan# 2446

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

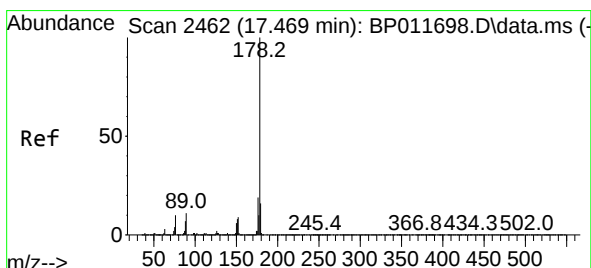
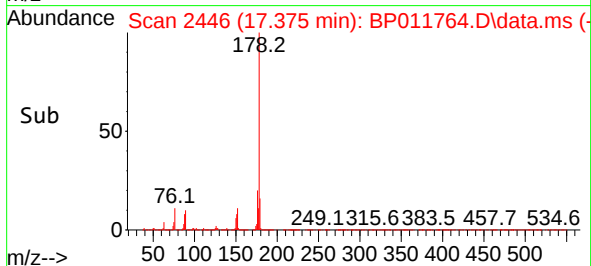
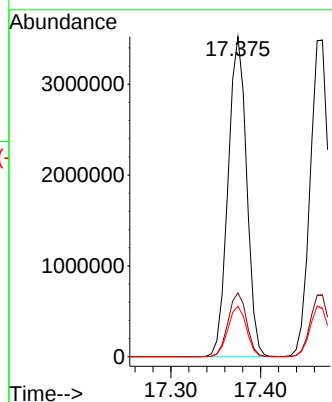
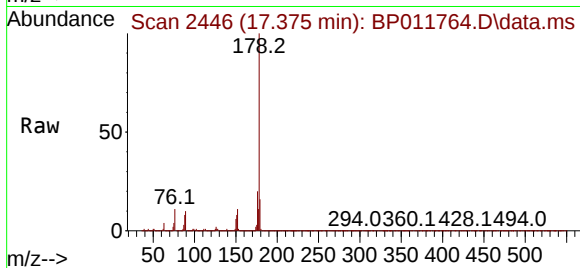
Tgt Ion:178 Resp: 5051401

Ion Ratio Lower Upper

178 100

176 20.0 14.7 22.1

179 15.7 12.2 18.2



#72

Anthracene

Concen: 46.373 ng

RT: 17.469 min Scan# 2462

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

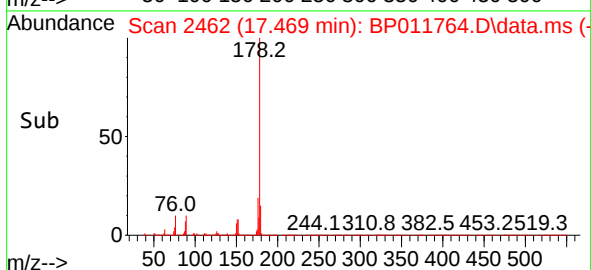
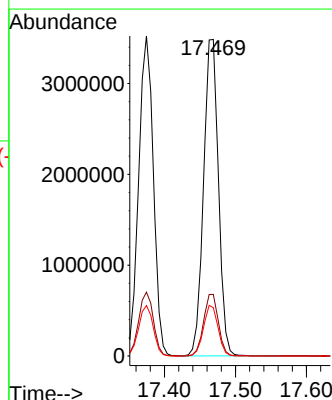
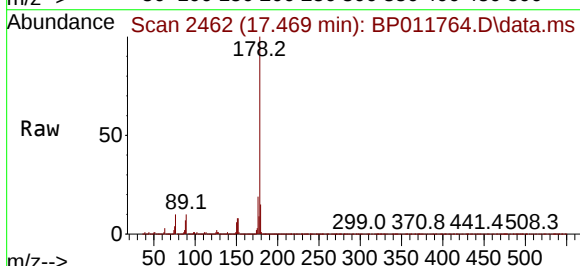
Tgt Ion:178 Resp: 5085539

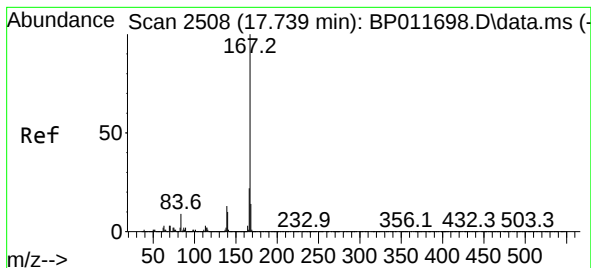
Ion Ratio Lower Upper

178 100

176 19.5 14.5 21.7

179 15.3 12.2 18.4





#73

Carbazole

Concen: 46.292 ng

RT: 17.733 min Scan# 2508

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

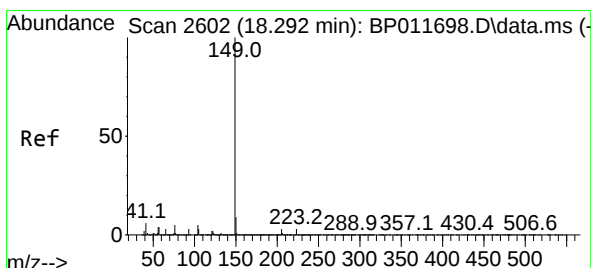
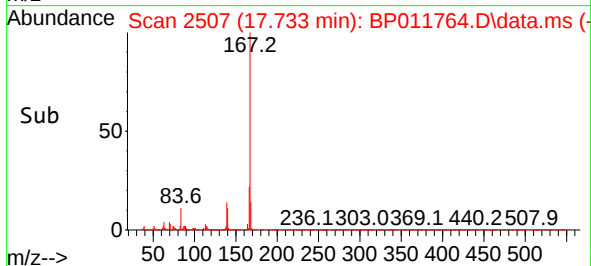
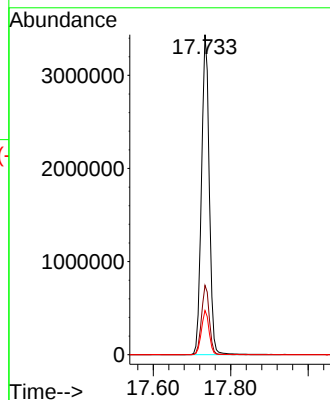
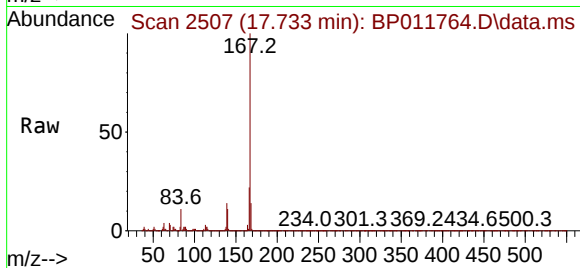
Tgt Ion:167 Resp: 4789355

Ion Ratio Lower Upper

167 100

166 21.7 16.9 25.3

139 13.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 45.869 ng

RT: 18.286 min Scan# 2601

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

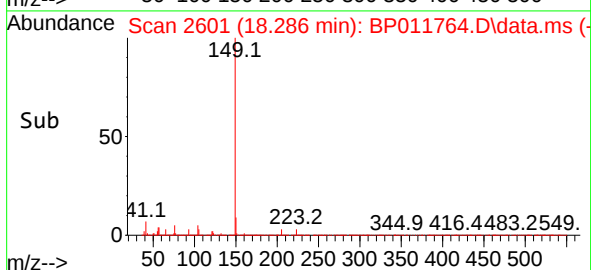
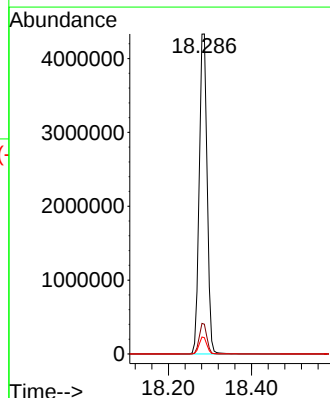
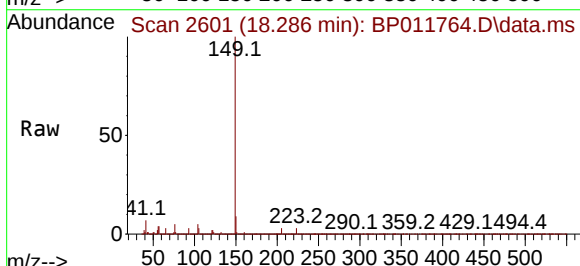
Tgt Ion:149 Resp: 5719889

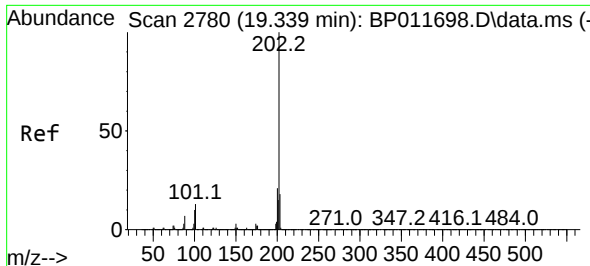
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.1 4.8 7.2

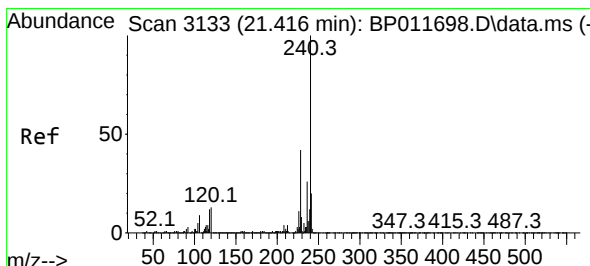
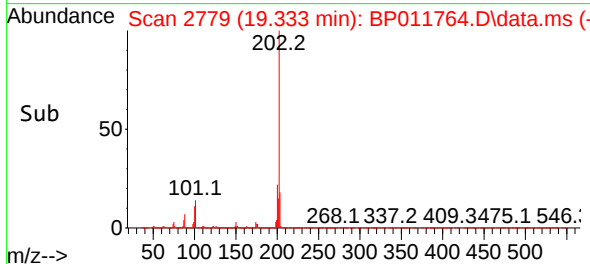
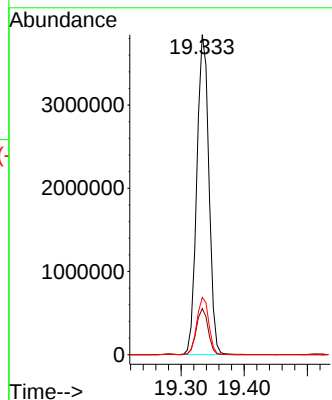
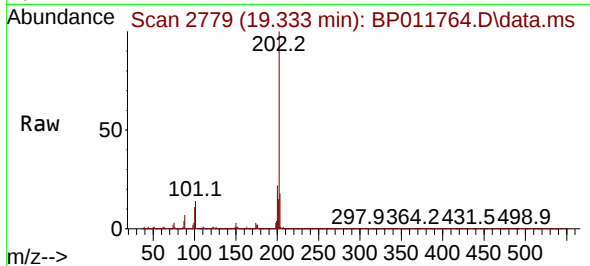




#75
Fluoranthene
Concen: 40.685 ng
RT: 19.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

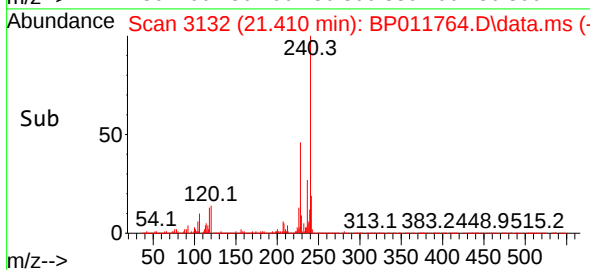
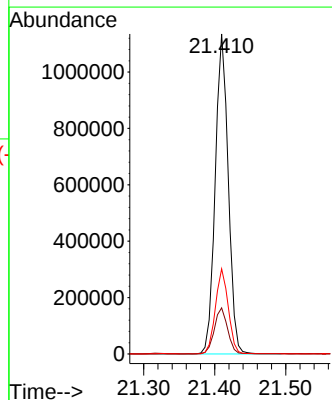
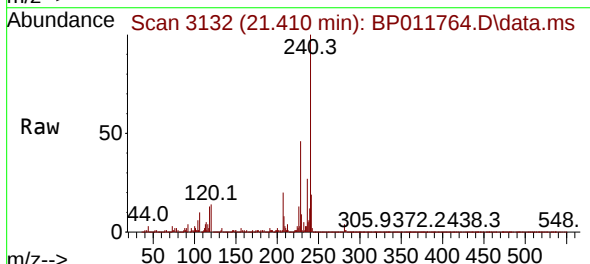
Instrument :
BNA_P
ClientSampleId :
PB147734BS

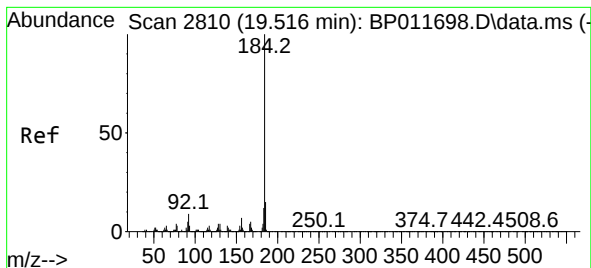
Tgt Ion:202 Resp: 5087836
Ion Ratio Lower Upper
202 100
101 14.4 0.0 29.6
203 17.9 0.0 36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:240 Resp: 1440309
Ion Ratio Lower Upper
240 100
120 14.4 8.6 12.8#
236 26.6 19.8 29.6





#77

Benzidine

Concen: 57.013 ng

RT: 19.516 min Scan# 2810

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

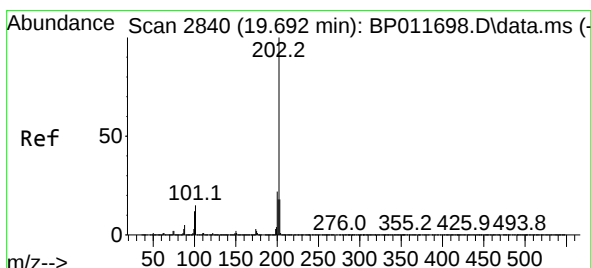
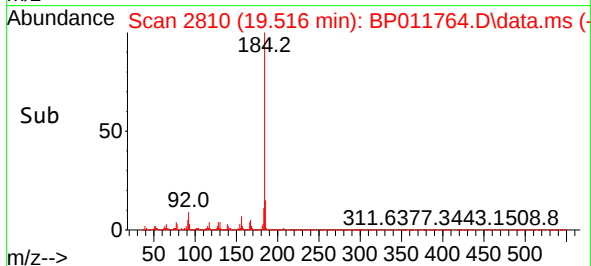
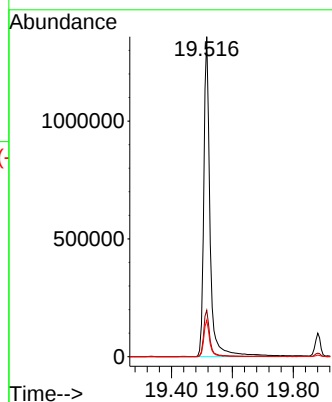
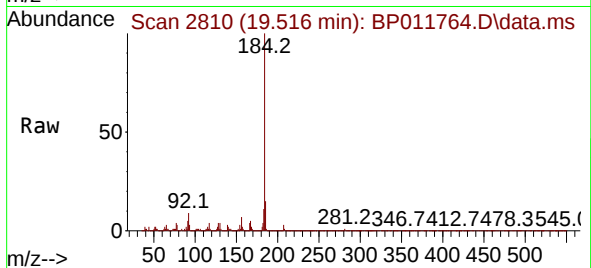
Tgt Ion:184 Resp: 1952883

Ion Ratio Lower Upper

184 100

185 14.5 10.7 16.1

183 11.4 9.0 13.6



#78

Pyrene

Concen: 53.544 ng

RT: 19.686 min Scan# 2839

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

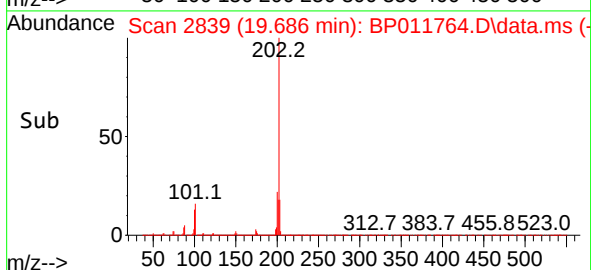
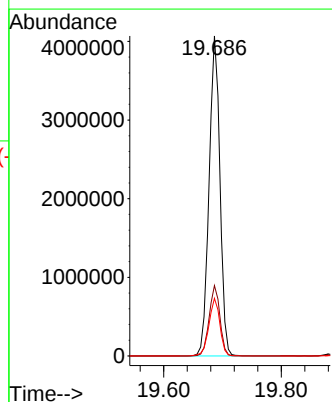
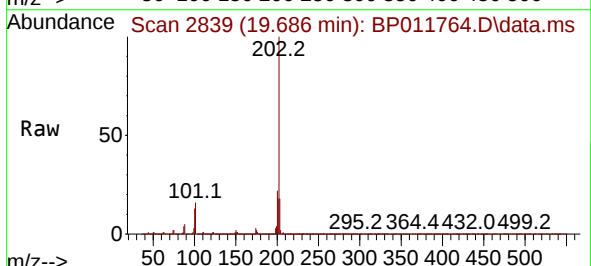
Tgt Ion:202 Resp: 5201485

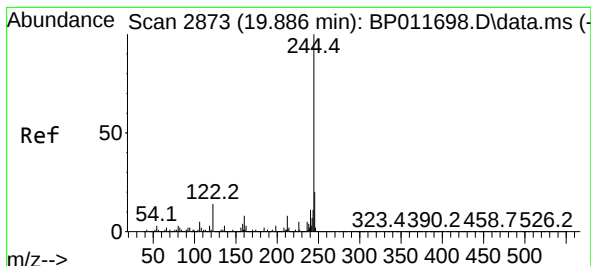
Ion Ratio Lower Upper

202 100

200 22.0 16.3 24.5

203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 106.317 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

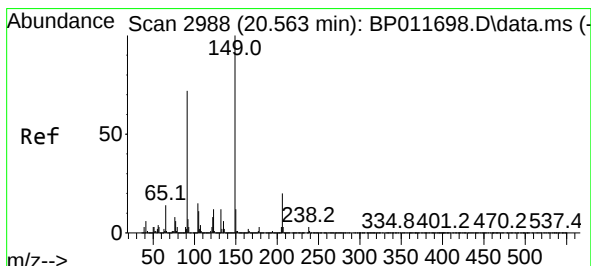
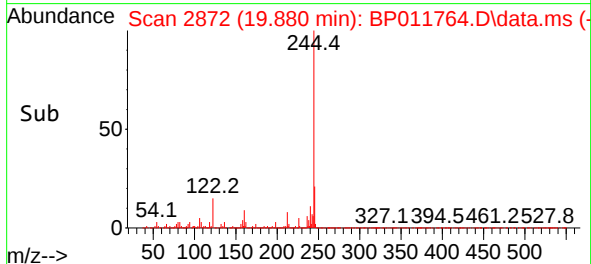
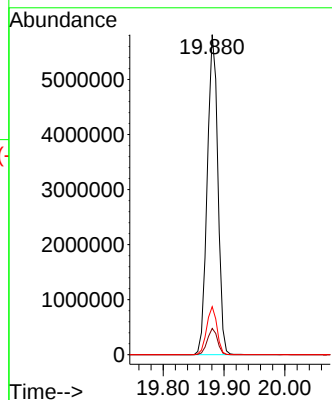
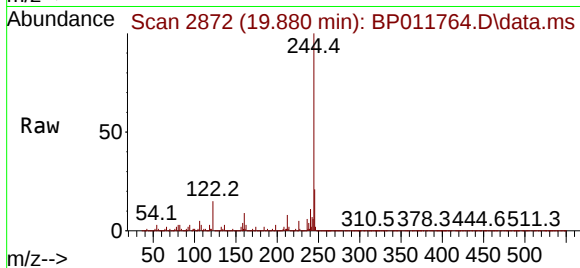
Tgt Ion:244 Resp: 7041758

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

122 15.0 7.6 11.4#



#80

Butylbenzylphthalate

Concen: 53.254 ng

RT: 20.557 min Scan# 2987

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

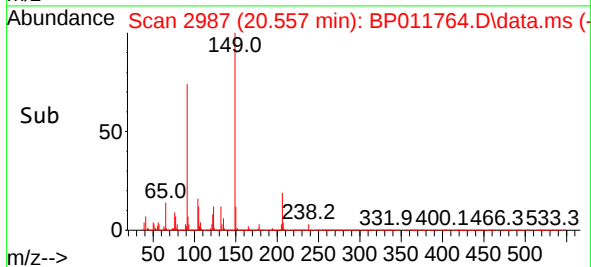
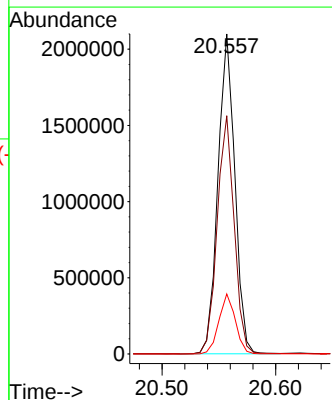
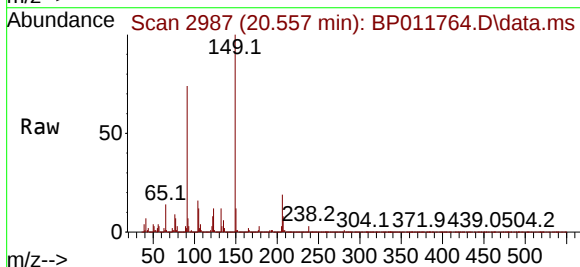
Tgt Ion:149 Resp: 2167855

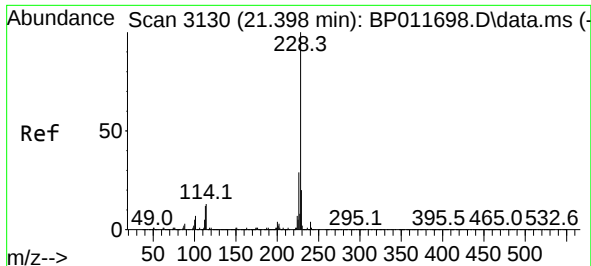
Ion Ratio Lower Upper

149 100

91 74.4 62.5 93.7

206 18.8 17.0 25.4

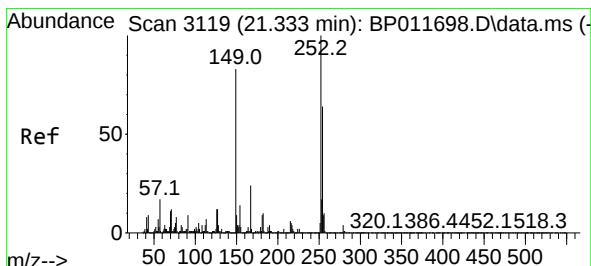
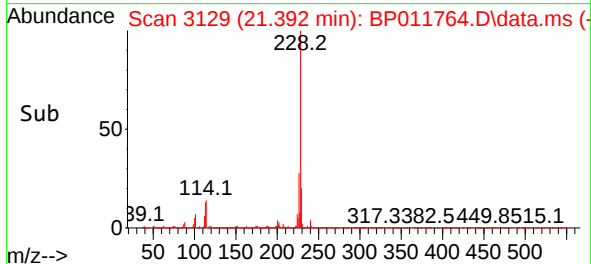
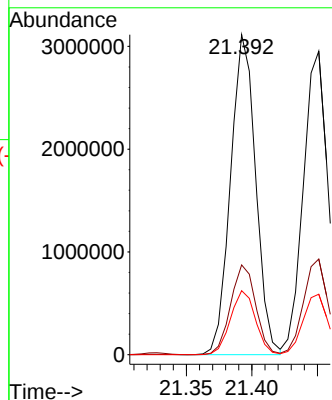
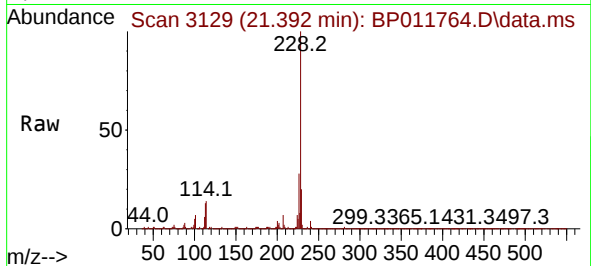




#81
Benzo(a)anthracene
Concen: 44.733 ng
RT: 21.392 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

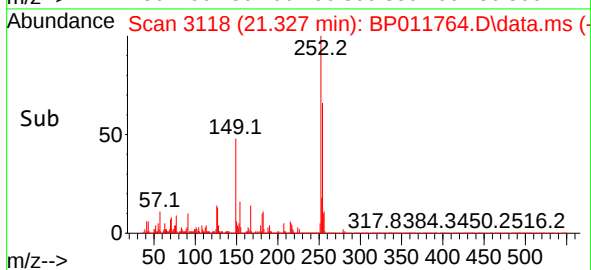
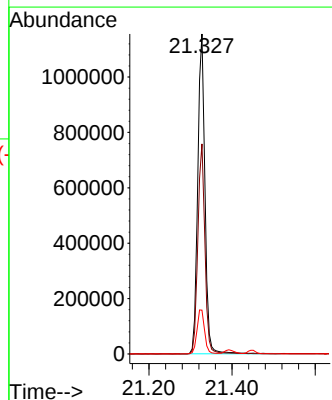
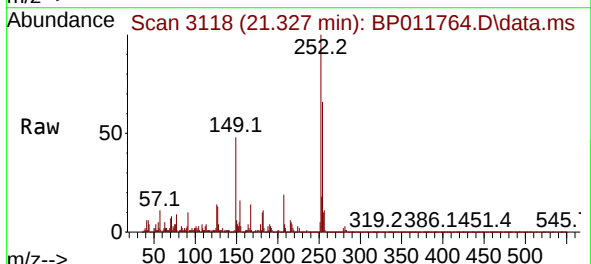
Instrument :
BNA_P
ClientSampleId :
PB147734BS

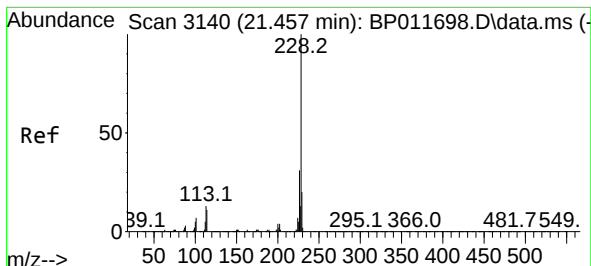
Tgt Ion:228 Resp: 4152749
Ion Ratio Lower Upper
228 100
226 28.0 20.8 31.2
229 20.0 15.2 22.8



#82
3,3'-Dichlorobenzidine
Concen: 49.516 ng
RT: 21.327 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:252 Resp: 1396161
Ion Ratio Lower Upper
252 100
254 65.6 51.1 76.7
126 13.7 8.4 12.6





#83

Chrysene

Concen: 43.362 ng

RT: 21.451 min Scan# 3140

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

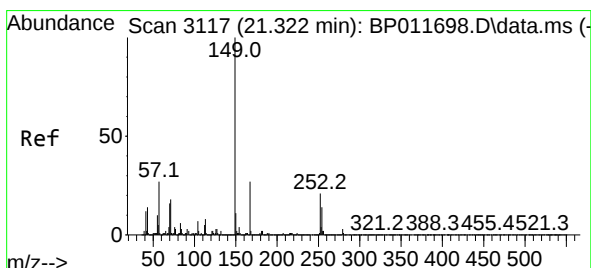
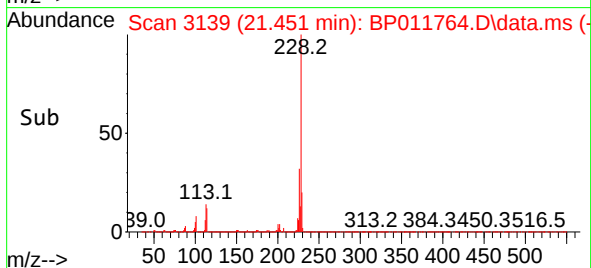
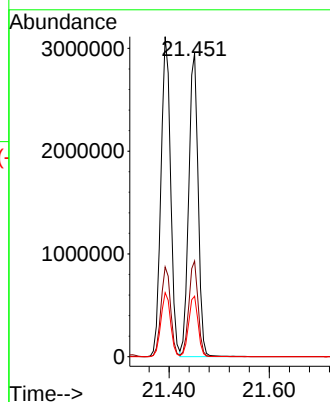
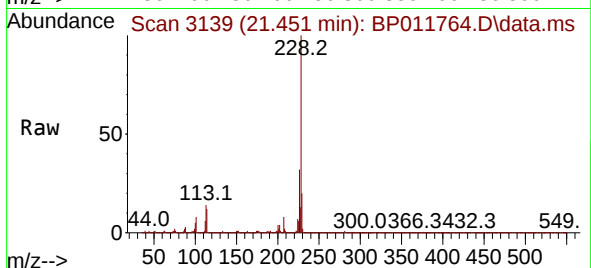
Tgt Ion:228 Resp: 3846151

Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.2

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.793 ng

RT: 21.316 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

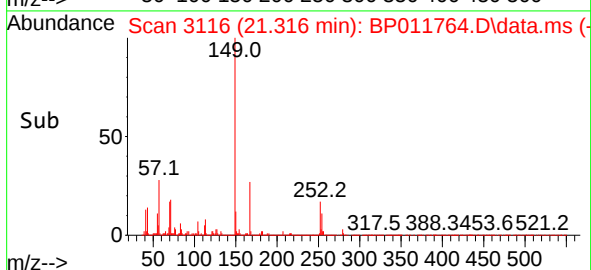
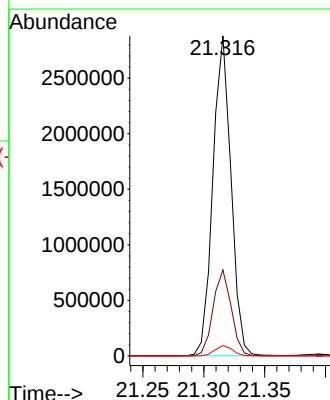
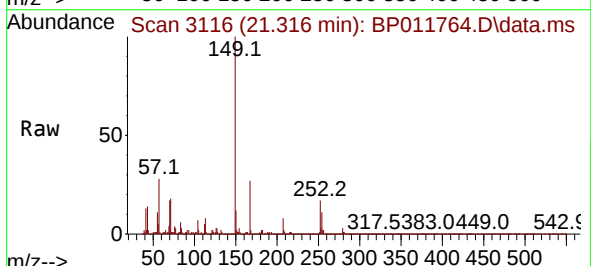
Tgt Ion:149 Resp: 2974502

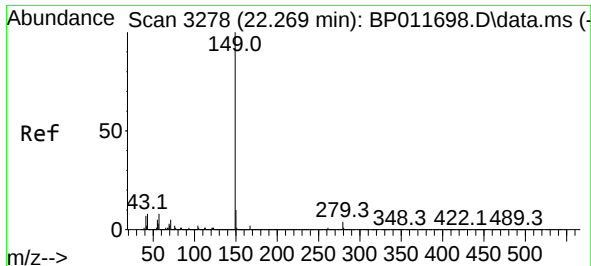
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 3.2 3.7 5.5#

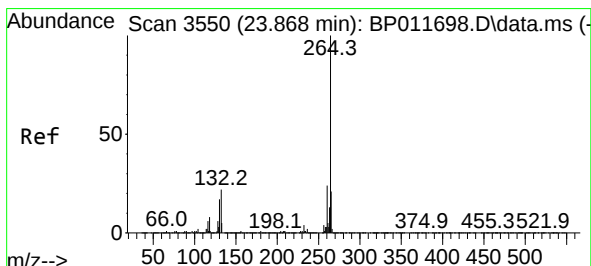
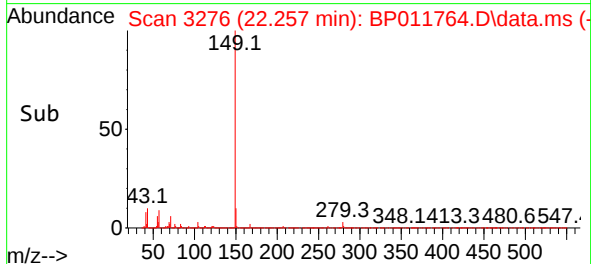
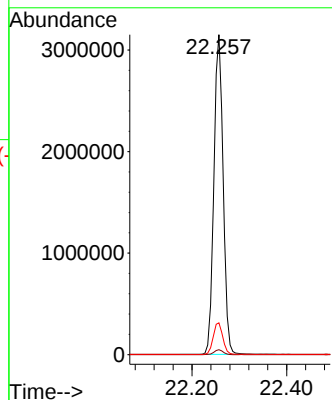
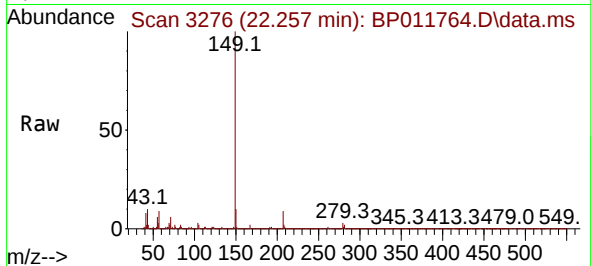




#85
Di-n-octyl phthalate
Concen: 42.591 ng
RT: 22.257 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

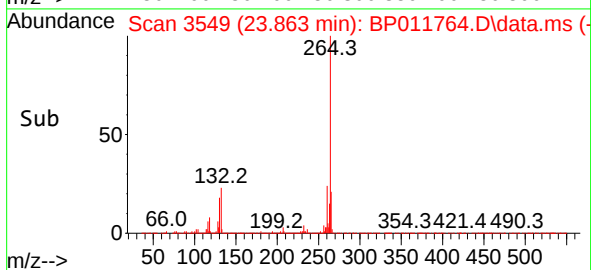
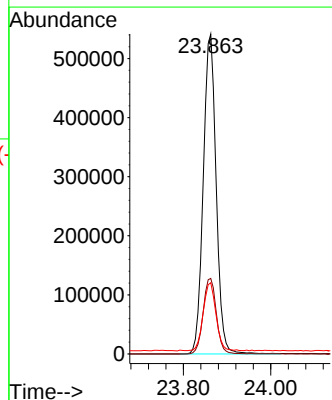
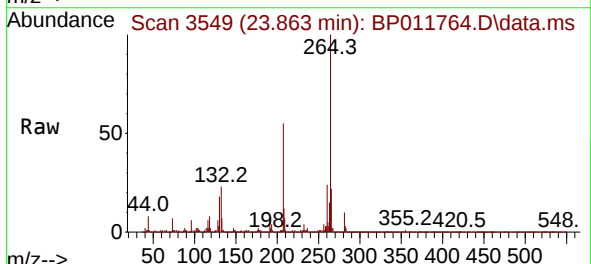
Instrument :
BNA_P
ClientSampleId :
PB147734BS

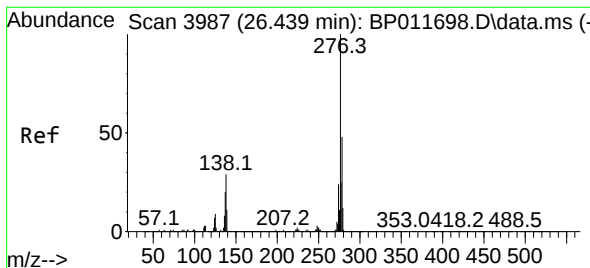
Tgt Ion:149 Resp: 4280091
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.2 10.0 15.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.863 min Scan# 3549
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:264 Resp: 1114004
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 22.3 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.878 ng

RT: 26.427 min Scan# 3987

Delta R.T. 0.012 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

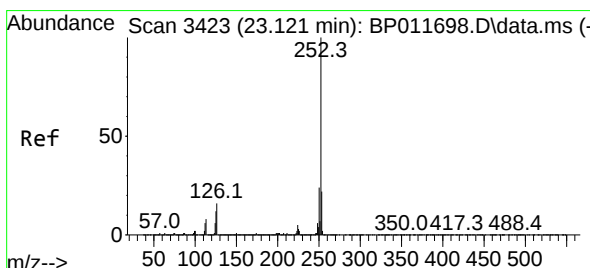
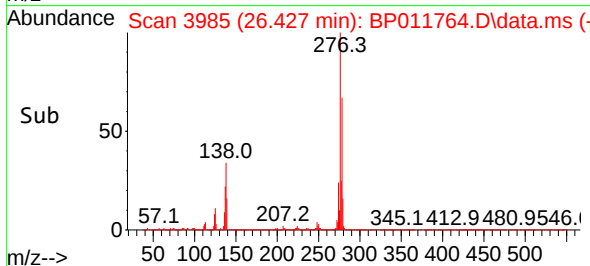
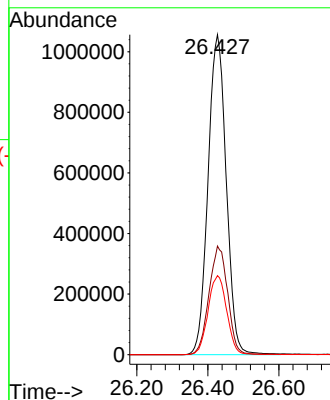
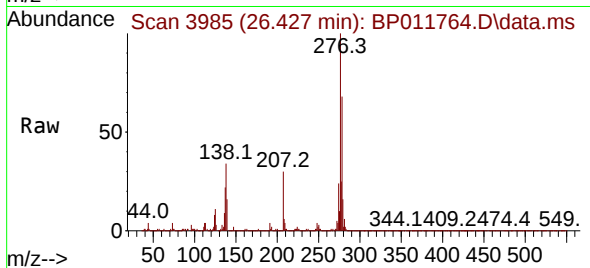
Tgt Ion:276 Resp: 3762320

Ion Ratio Lower Upper

276 100

138 34.8 17.5 26.3#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.617 ng

RT: 23.110 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

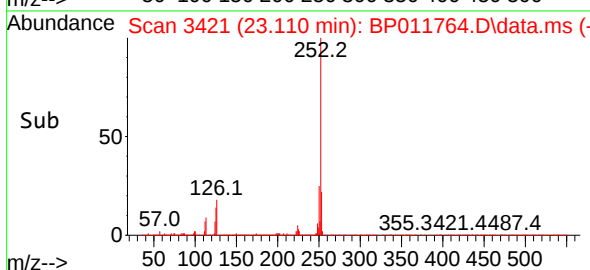
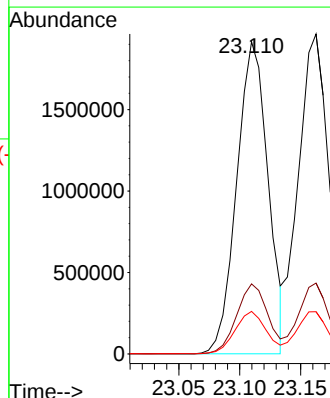
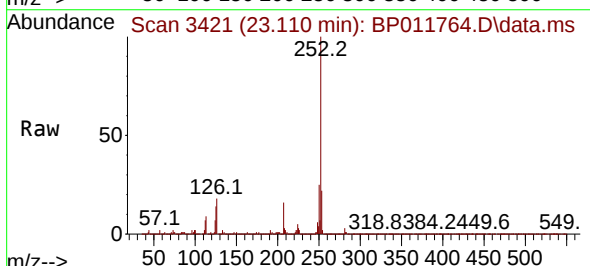
Tgt Ion:252 Resp: 3418526

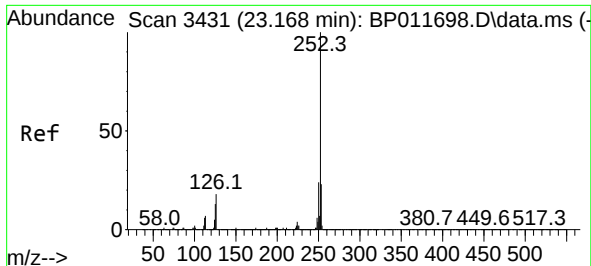
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 13.6 7.0 10.6#

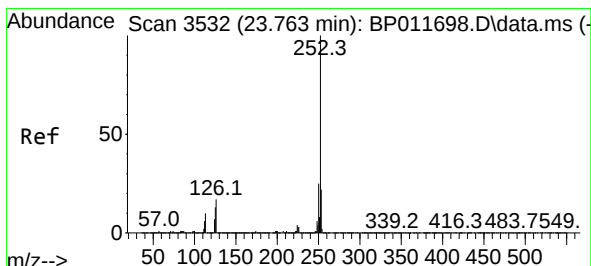
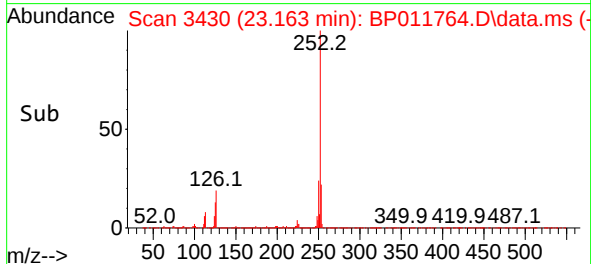
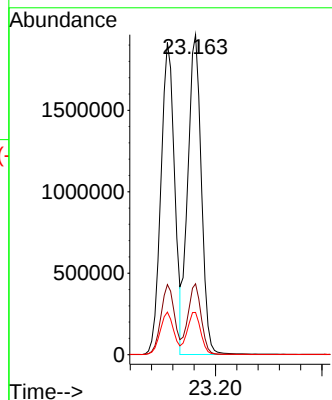
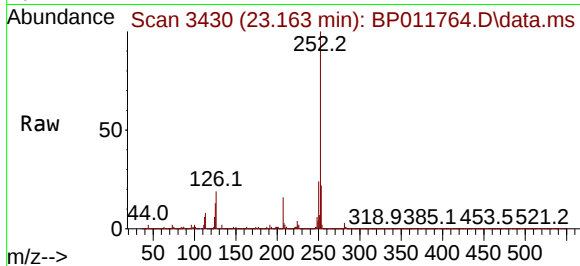




#89
Benzo(k)fluoranthene
Concen: 49.751 ng
RT: 23.163 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

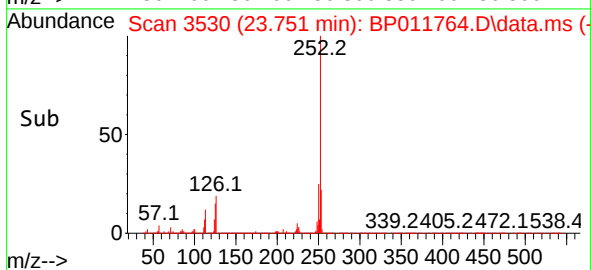
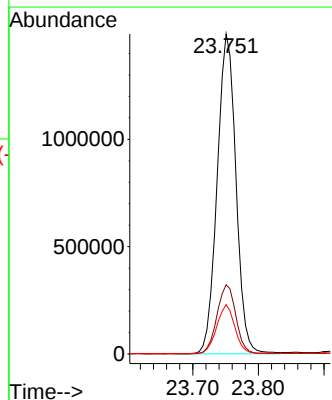
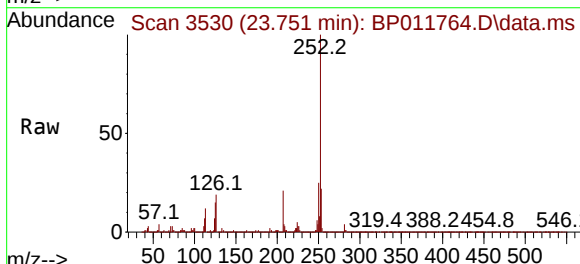
Instrument :
BNA_P
ClientSampleId :
PB147734BS

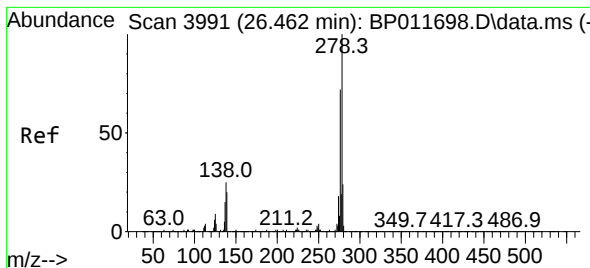
Tgt Ion:252 Resp: 3454283
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 13.2 7.0 10.4#



#90
Benzo(a)pyrene
Concen: 52.006 ng
RT: 23.751 min Scan# 3530
Delta R.T. 0.006 min
Lab File: BP011764.D
Acq: 20 Sep 2022 16:56

Tgt Ion:252 Resp: 2960062
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 15.4 7.9 11.9#





#91

Dibenzo(a,h)anthracene

Concen: 49.205 ng

RT: 26.445 min Scan# 3991

Delta R.T. 0.012 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

PB147734BS

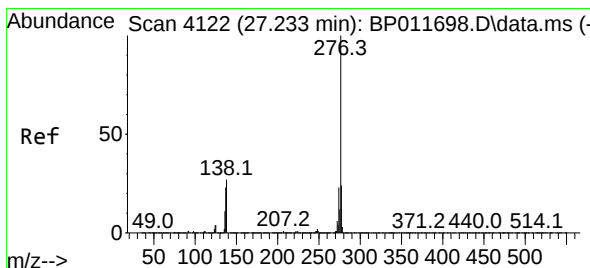
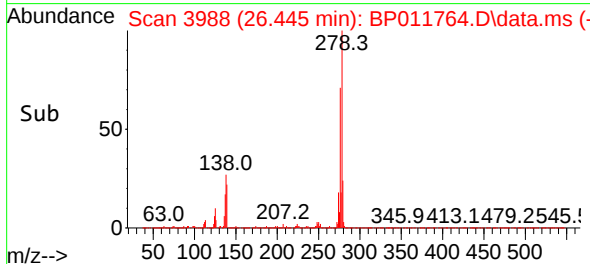
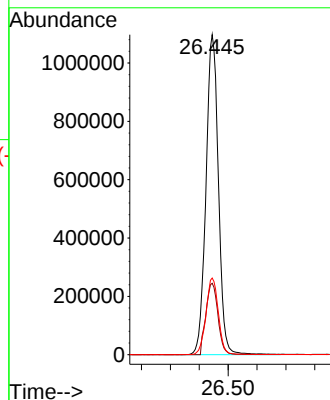
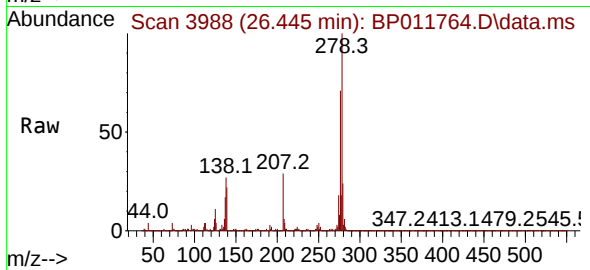
Tgt Ion:278 Resp: 3279112

Ion Ratio Lower Upper

278 100

139 22.3 11.4 17.0#

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 49.920 ng

RT: 27.215 min Scan# 4119

Delta R.T. 0.012 min

Lab File: BP011764.D

Acq: 20 Sep 2022 16:56

Tgt Ion:276 Resp: 3243344

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 28.7 15.2 22.8#

