

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012081.D
 Acq On : 12 Oct 2022 15:09
 Operator : CG/JU
 Sample : N4923-01DL2 50X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10007DL2

Quant Time: Oct 12 23:07:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	255210	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	967804	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	505742	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	944497	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1063143	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	1207717	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	268	0.041	ng/uL	0.01
4) Pyridine-d5	3.722	84	4722	0.274	ng/ul	0.02
7) Phenol-d5	7.028	99	3142	0.153	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.187	67	13117	1.126	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	9160	0.562	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	5601	0.355	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	5636	0.825	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	4824	0.696	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	8993	0.670	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	15203	0.768	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	24377	0.761	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	28921	0.730	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	227	0.036	ng/ul	0.02
60) Fluorene-d10	15.498	176	23380	0.807	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	1270	0.255	ng/ul	0.00
73) Anthracene-d10	17.357	188	33649	0.820	ng/ul	0.00
81) Pyrene-d10	19.598	212	40540	0.744	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.610	264	47184	0.804	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.728	79	115788	7.020	ng/ul	96
8) Phenol	7.052	94	2002942	92.952	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.187	93	111330	6.548	ng/ul#	27
13) 2-Methylphenol	8.304	108	1347861	83.866	ng/ul	99
16) Acetophenone	8.693	105	37886	1.559	ng/ul#	66
18) 4-Methylphenol	8.646	108	3258229	188.091	ng/ul	97
26) 2,4-Dimethylphenol	9.840	107	1089522	68.704	ng/ul	99
30) Naphthalene	10.716	128	4987068	97.513	ng/ul	99
32) 4-Chloroaniline	10.716	127	655280	32.110	ng/ul#	4
36) 2-Methylnaphthalene	12.322	142	437126	13.274	ng/ul	100
37) 1-Methylnaphthalene	12.540	142	295441	8.958	ng/ul	100
43) 1,1'-Biphenyl	13.334	154	54452	1.426	ng/ul	97
50) Acenaphthylene	14.222	152	190997	4.262	ng/ul	99
52) Acenaphthene	14.569	153	47585	1.492	ng/ul	98
56) Dibenzofuran	14.904	168	143485	3.328	ng/ul	100
61) Fluorene	15.551	166	98716	2.917	ng/ul	96
72) Phenanthrene	17.304	178	353129	6.875	ng/ul	99
74) Anthracene	17.392	178	107217	2.109	ng/ul	99
77) Carbazole	17.669	167	134819	2.974	ng/ul	99
80) Fluoranthene	19.274	202	174445	2.614	ng/ul	99
82) Pyrene	19.627	202	142903	2.023	ng/ul	97
85) Benzo(a)anthracene	21.333	228	74592	1.115	ng/ul	95

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

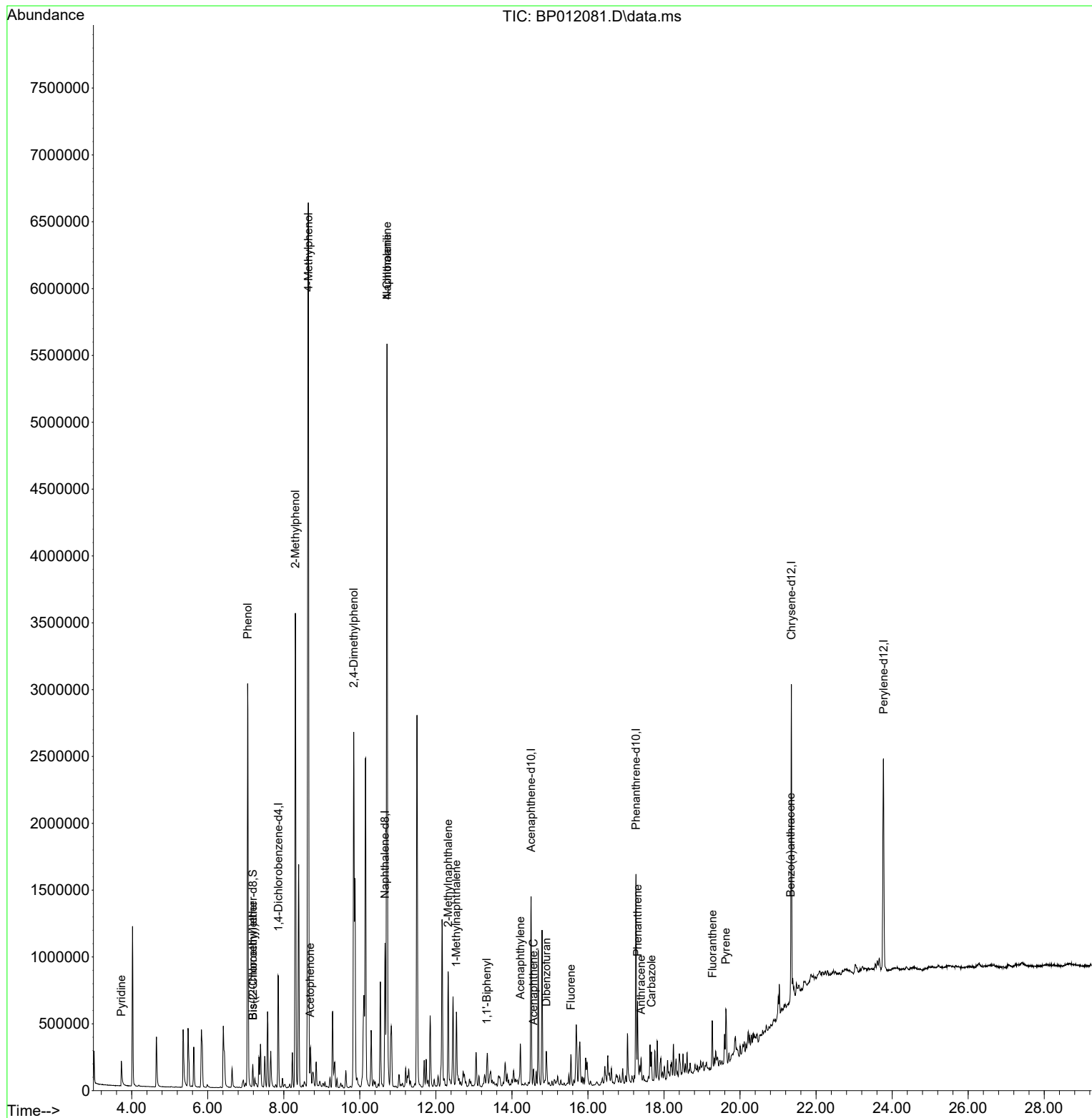
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

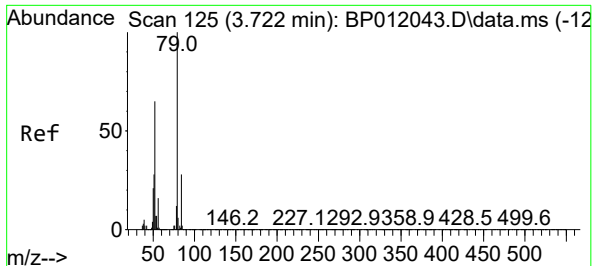
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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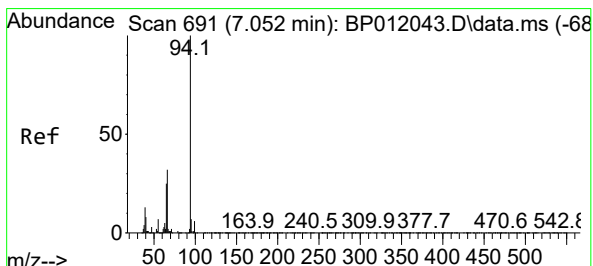
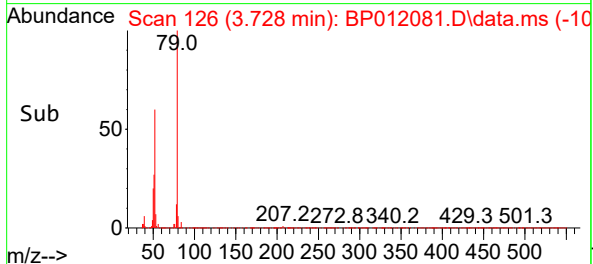
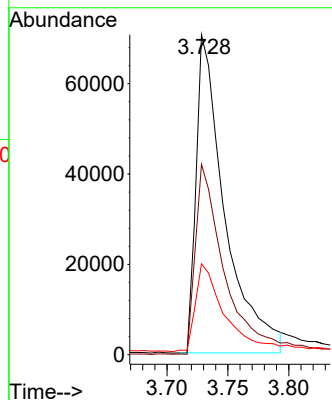
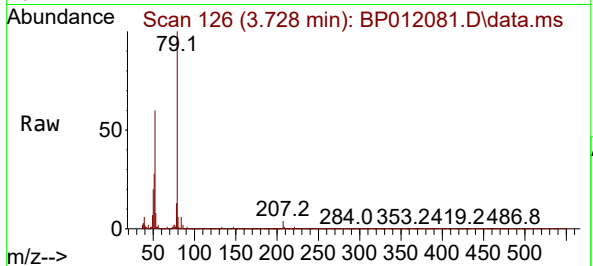




#5
Pyridine
Concen: 7.020 ng/ul
RT: 3.728 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

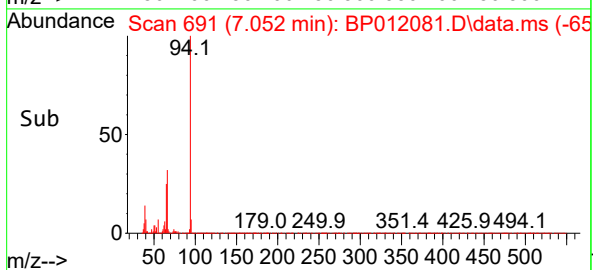
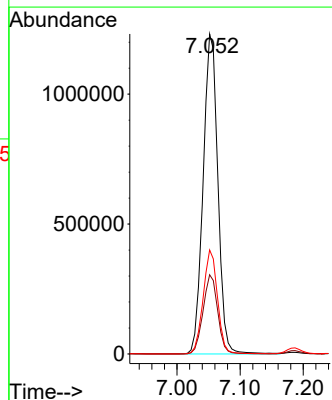
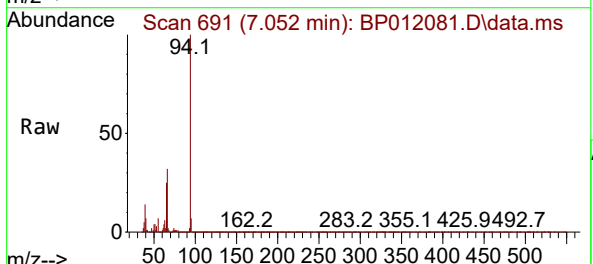
Instrument :
BNA_P
ClientSampleId :
E10007DL2

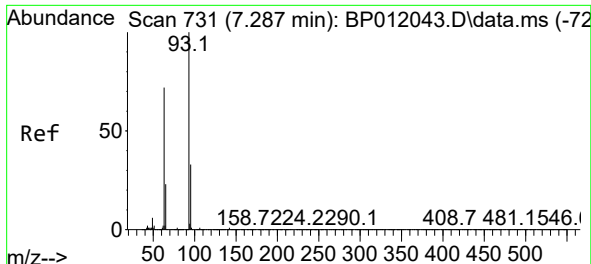
Tgt Ion: 79 Resp: 115788
Ion Ratio Lower Upper
79 100
52 59.5 51.2 76.8
51 28.4 22.8 34.2



#8
Phenol
Concen: 92.952 ng/ul
RT: 7.052 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

Tgt Ion: 94 Resp: 2002942
Ion Ratio Lower Upper
94 100
65 24.8 19.4 29.0
66 32.5 24.6 37.0

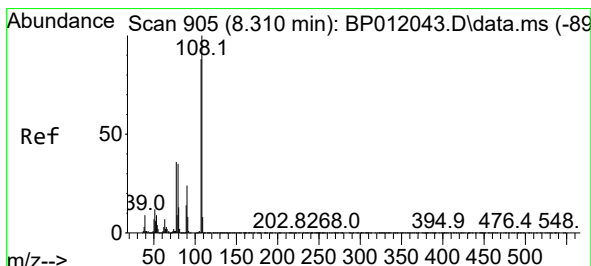
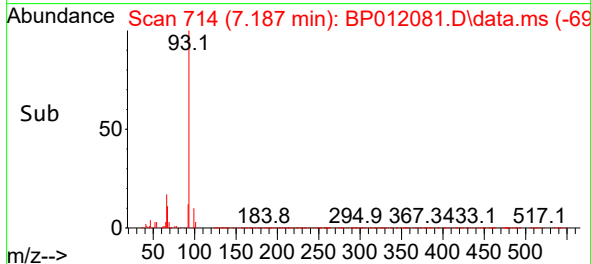
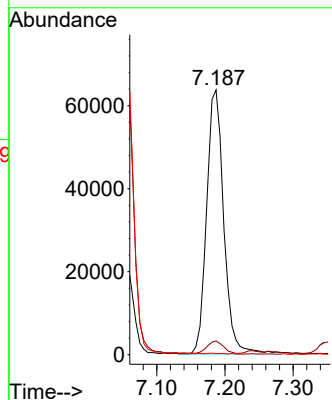
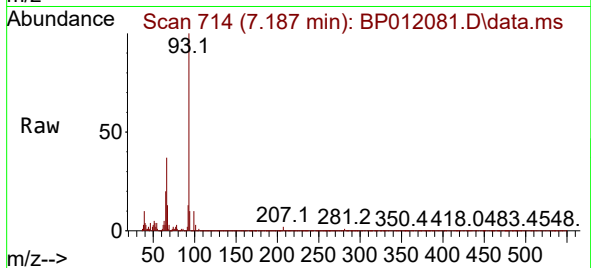




#10
Bis(2-Chloroethyl)ether
Concen: 6.548 ng/ul
RT: 7.187 min Scan# 71
Delta R.T. -0.094 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

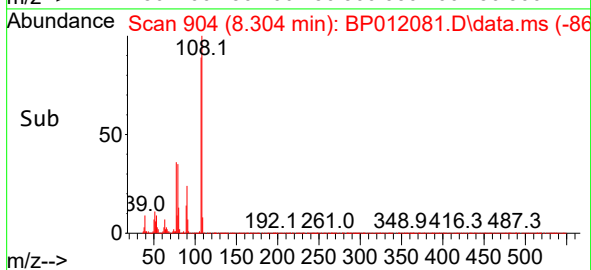
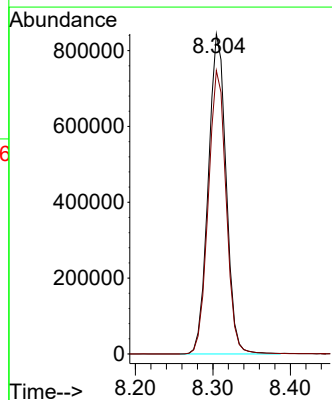
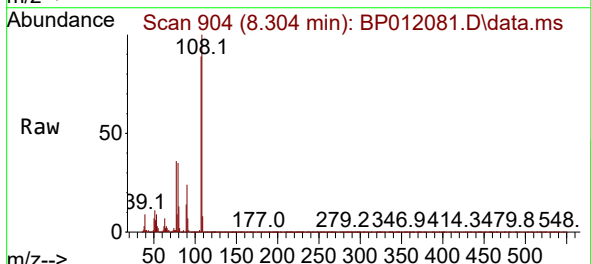
Instrument :
BNA_P
ClientSampleId :
E10007DL2

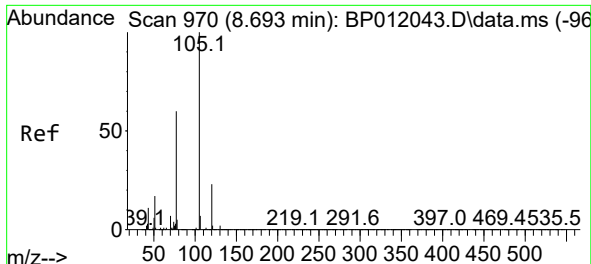
Tgt Ion: 93 Resp: 111330
Ion Ratio Lower Upper
93 100
63 5.2 56.7 85.1#
95 0.4 26.2 39.2#



#13
2-Methylphenol
Concen: 83.866 ng/ul
RT: 8.304 min Scan# 904
Delta R.T. 0.006 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

Tgt Ion: 108 Resp: 1347861
Ion Ratio Lower Upper
108 100
107 88.6 71.9 107.9

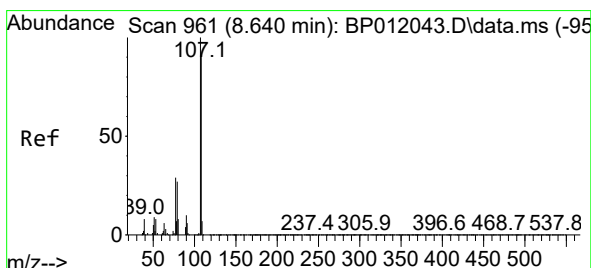
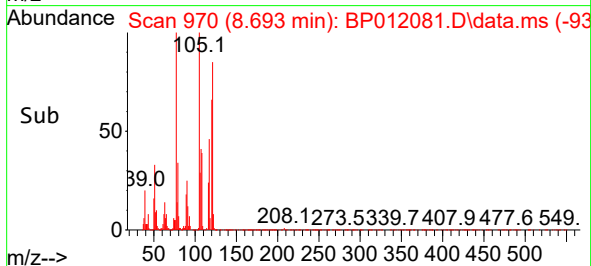
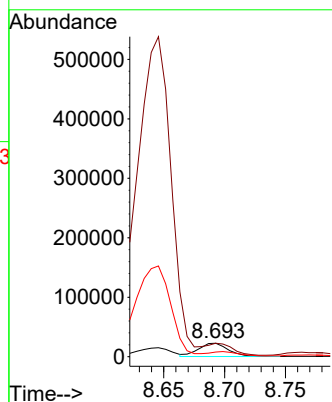
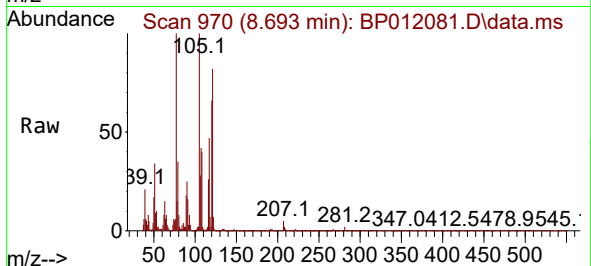




#16
Acetophenone
Concen: 1.559 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

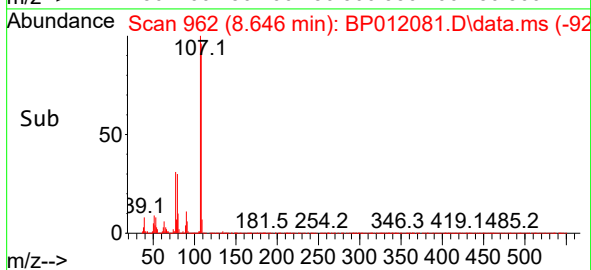
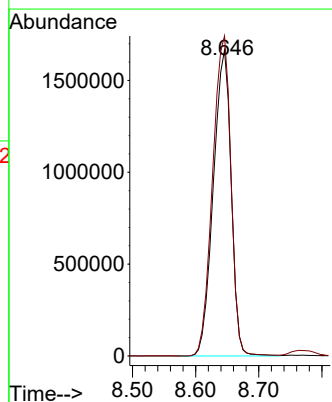
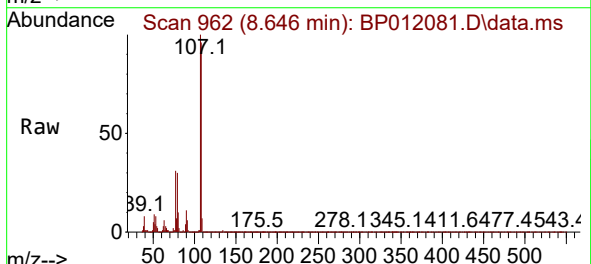
Instrument :
BNA_P
ClientSampleId :
E10007DL2

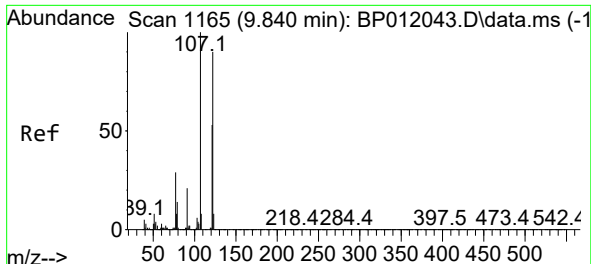
Tgt Ion:105 Resp: 37886
Ion Ratio Lower Upper
105 100
77 100.2 57.0 85.4#
51 34.3 16.4 24.6#



#18
4-Methylphenol
Concen: 188.091 ng/ul
RT: 8.646 min Scan# 962
Delta R.T. 0.018 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

Tgt Ion:108 Resp: 3258229
Ion Ratio Lower Upper
108 100
107 104.6 86.3 129.5

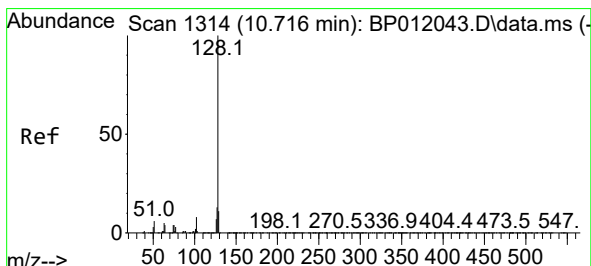
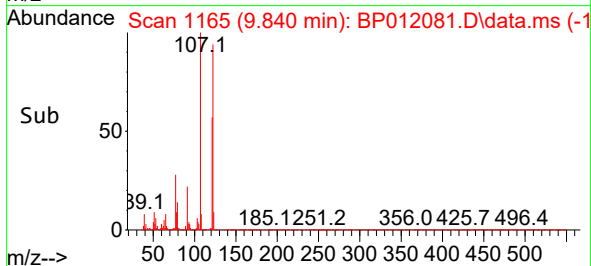
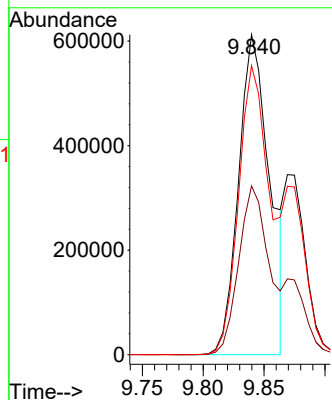
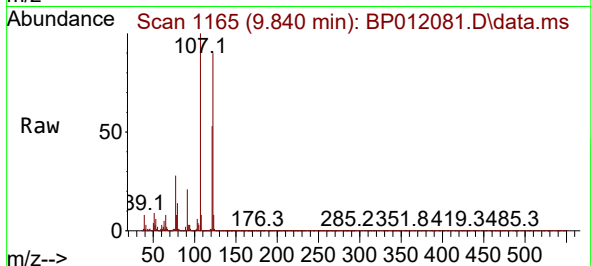




#26
2,4-Dimethylphenol
Concen: 68.704 ng/ul
RT: 9.840 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

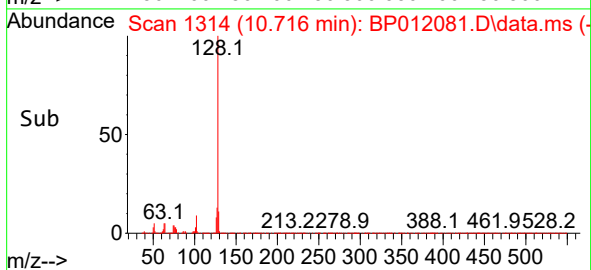
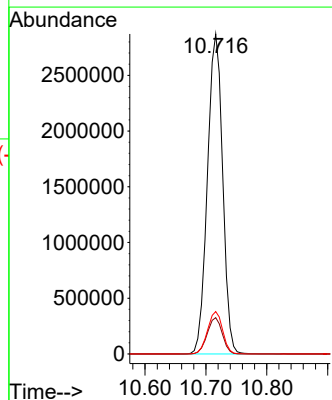
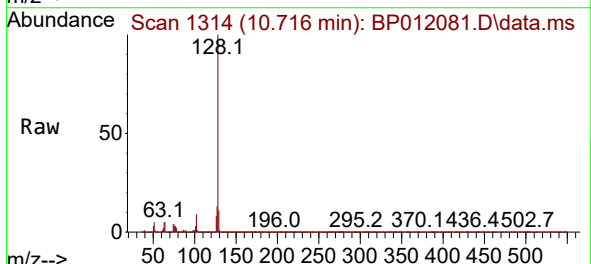
Instrument :
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ClientSampleId :
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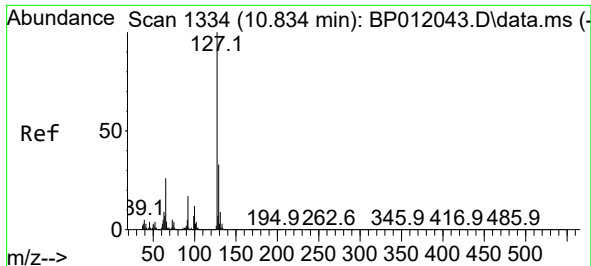
Tgt Ion:107 Resp: 1089522
Ion Ratio Lower Upper
107 100
121 52.7 43.0 64.4
122 90.3 71.4 107.2



#30
Naphthalene
Concen: 97.513 ng/ul
RT: 10.716 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

Tgt Ion:128 Resp: 4987068
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.2 15.4

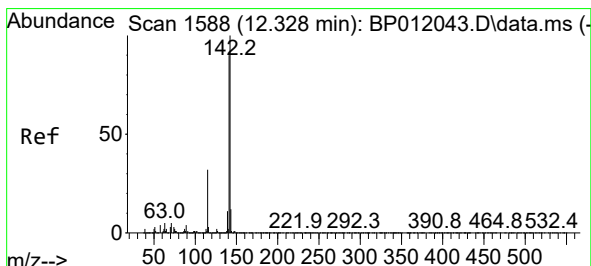
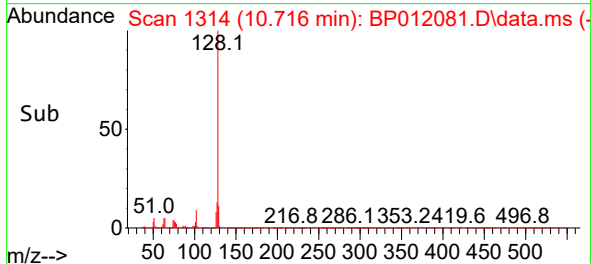
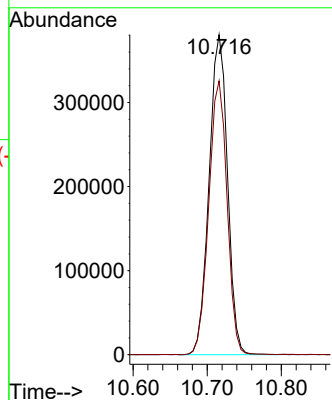
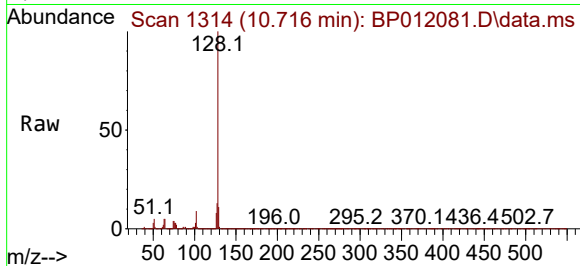




#32
4-Chloroaniline
Concen: 32.110 ng/ul
RT: 10.716 min Scan# 11
Delta R.T. -0.112 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

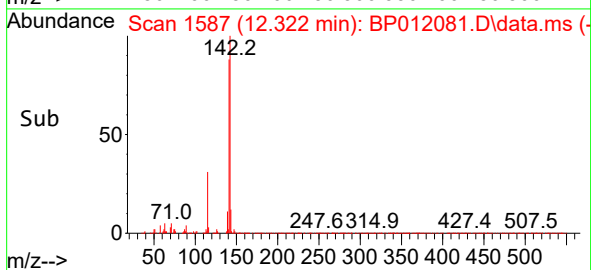
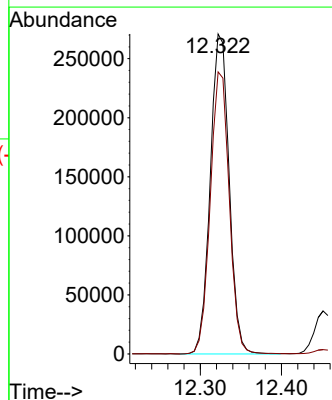
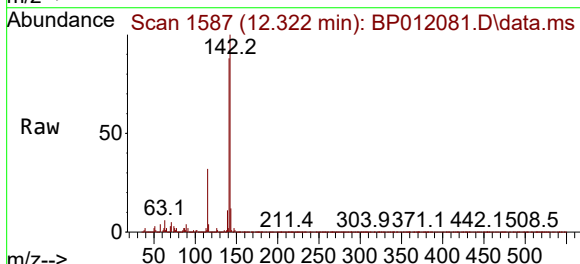
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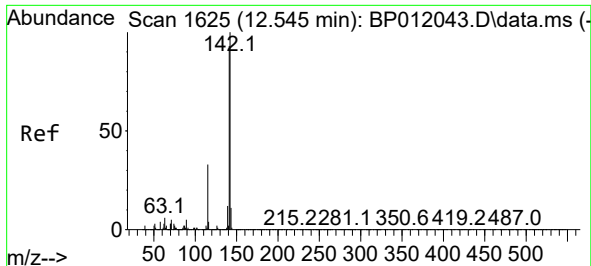
Tgt Ion:127 Resp: 655280
Ion Ratio Lower Upper
127 100
129 85.6 25.6 38.4#



#36
2-Methylnaphthalene
Concen: 13.274 ng/ul
RT: 12.322 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

Tgt Ion:142 Resp: 437126
Ion Ratio Lower Upper
142 100
141 88.2 70.7 106.1

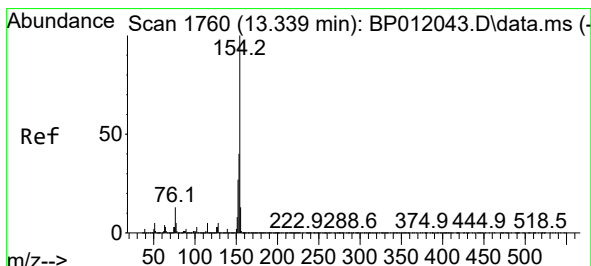
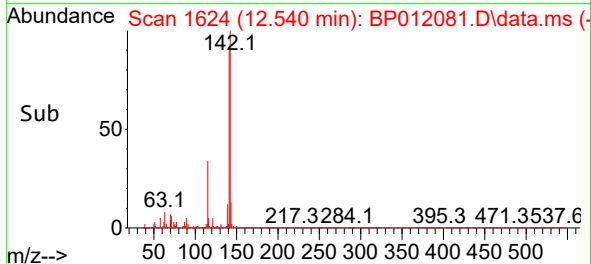
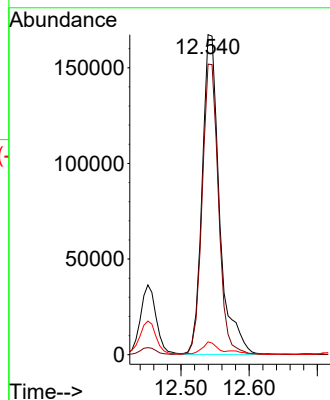
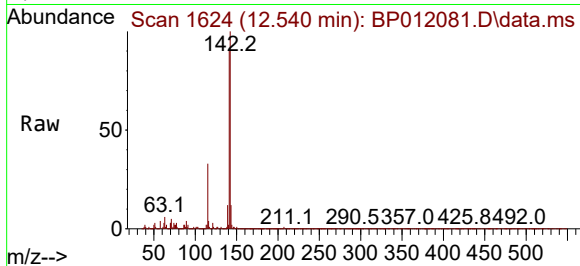




#37
1-Methylnaphthalene
Concen: 8.958 ng/ul
RT: 12.540 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

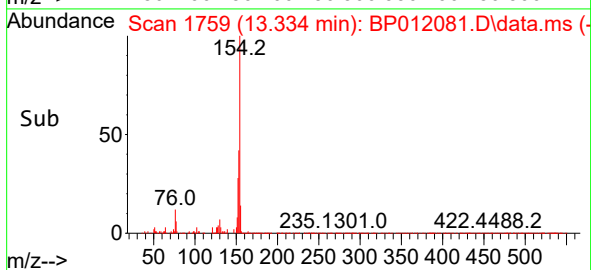
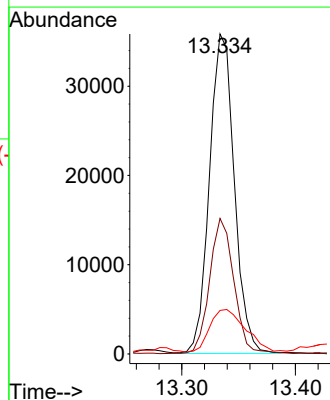
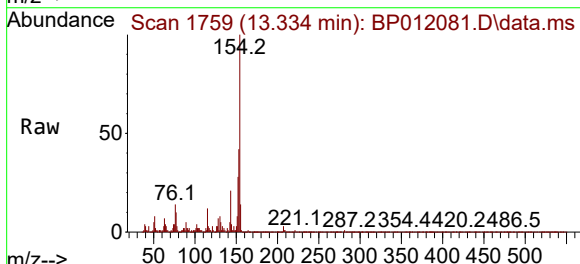
Instrument :
BNA_P
ClientSampleId :
E10007DL2

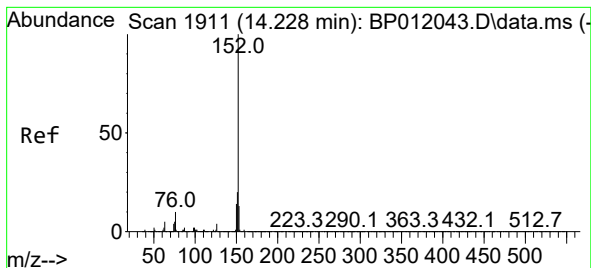
Tgt Ion:142 Resp: 295441
Ion Ratio Lower Upper
142 100
141 90.8 72.9 109.3
116 4.0 2.8 4.2



#43
1,1'-Biphenyl
Concen: 1.426 ng/ul
RT: 13.334 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

Tgt Ion:154 Resp: 54452
Ion Ratio Lower Upper
154 100
153 42.3 32.2 48.2
76 13.6 10.3 15.5





#50

Acenaphthylene

Concen: 4.262 ng/ul

RT: 14.222 min Scan# 1911

Delta R.T. -0.000 min

Lab File: BP012081.D

Acq: 12 Oct 2022 15:09

Instrument :

BNA_P

ClientSampleId :

E10007DL2

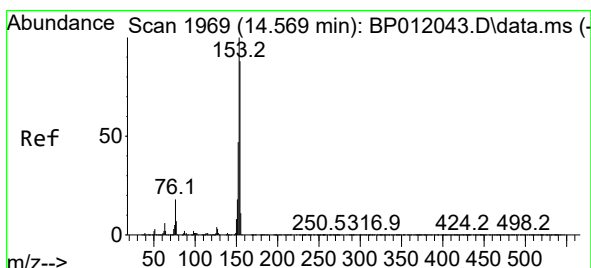
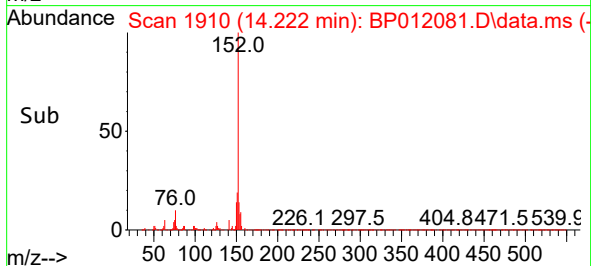
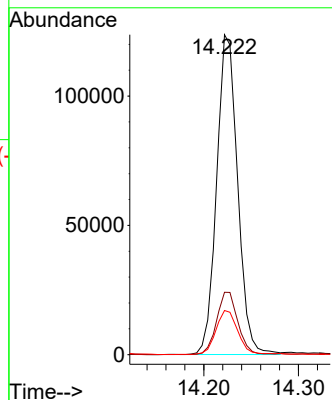
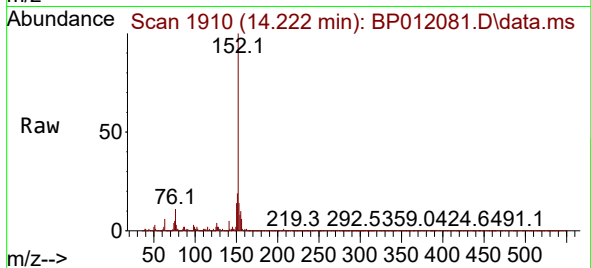
Tgt Ion:152 Resp: 190997

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

153 13.8 10.4 15.6



#52

Acenaphthene

Concen: 1.492 ng/ul

RT: 14.569 min Scan# 1969

Delta R.T. 0.006 min

Lab File: BP012081.D

Acq: 12 Oct 2022 15:09

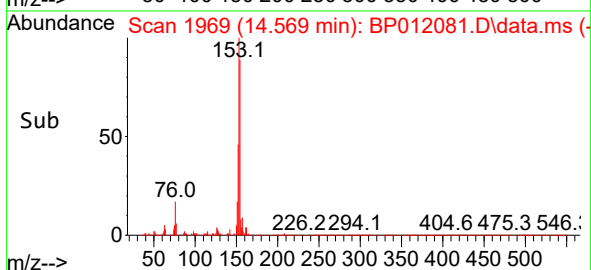
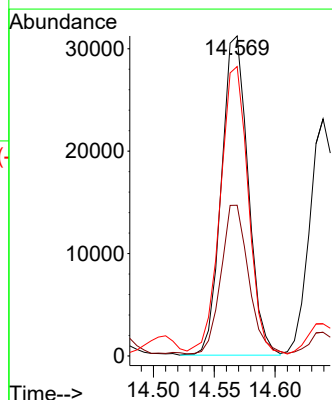
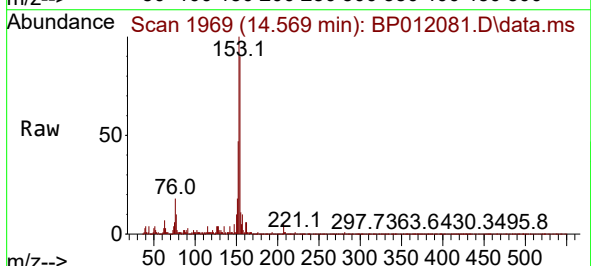
Tgt Ion:153 Resp: 47585

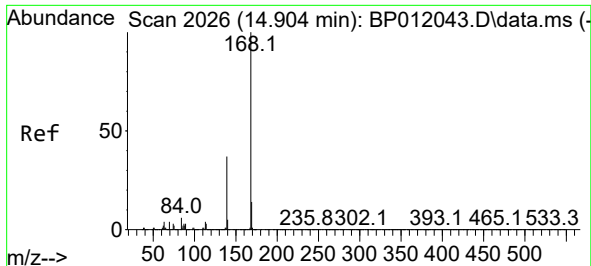
Ion Ratio Lower Upper

153 100

152 47.1 38.2 57.2

154 90.5 70.6 105.8

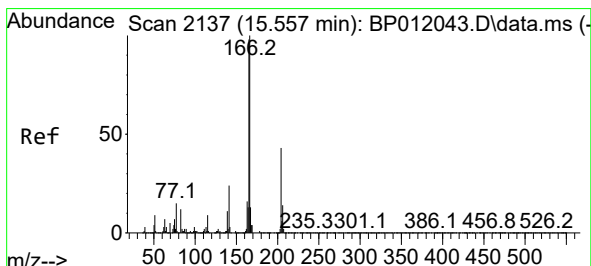
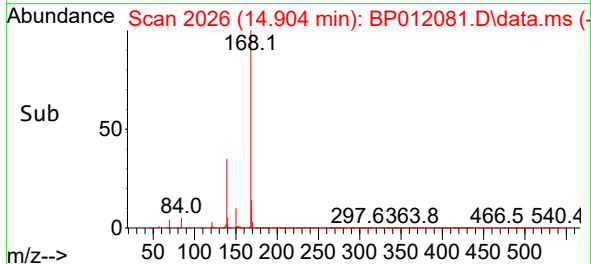
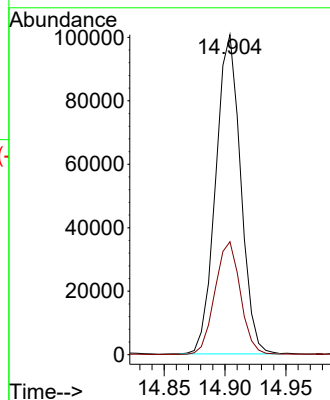
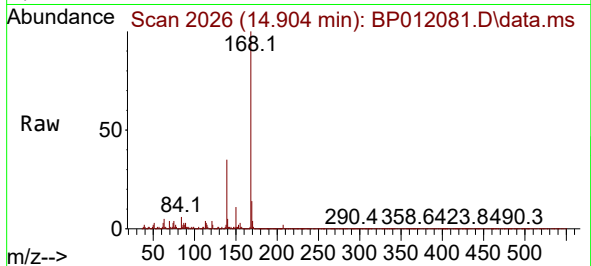




#56
Dibenzenofuran
Concen: 3.328 ng/ul
RT: 14.904 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

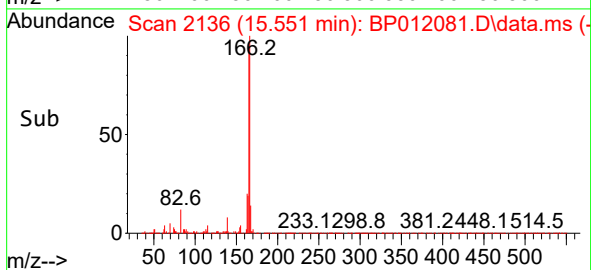
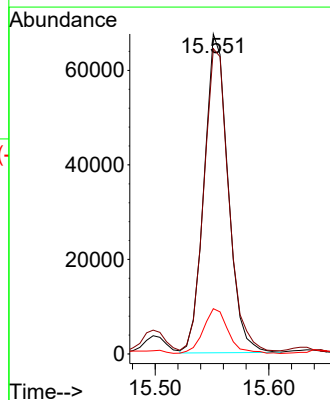
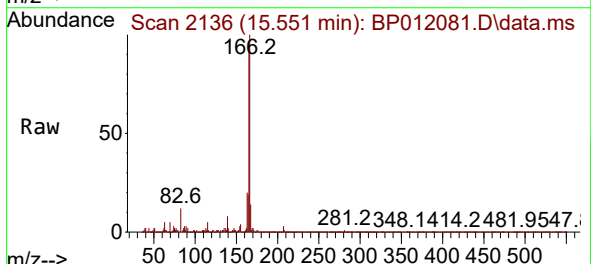
Instrument :
BNA_P
ClientSampleId :
E10007DL2

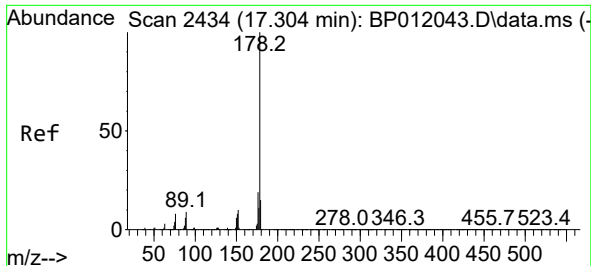
Tgt Ion:168 Resp: 143485
Ion Ratio Lower Upper
168 100
139 35.3 28.2 42.4



#61
Fluorene
Concen: 2.917 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

Tgt Ion:166 Resp: 98716
Ion Ratio Lower Upper
166 100
165 95.4 79.5 119.3
167 14.2 10.9 16.3

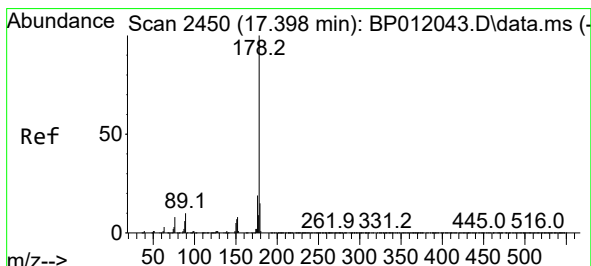
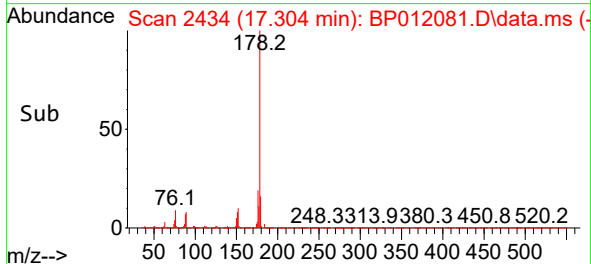
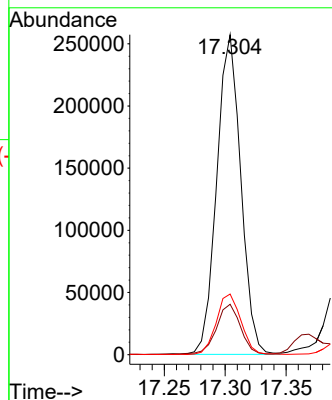
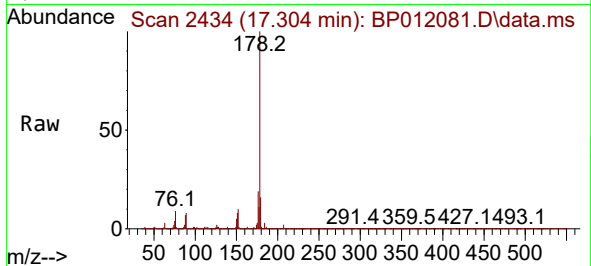




#72
Phenanthrene
Concen: 6.875 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

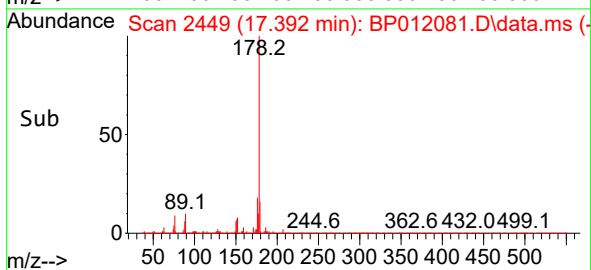
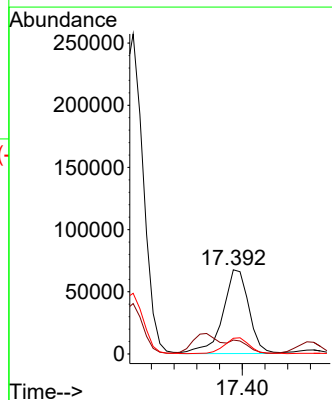
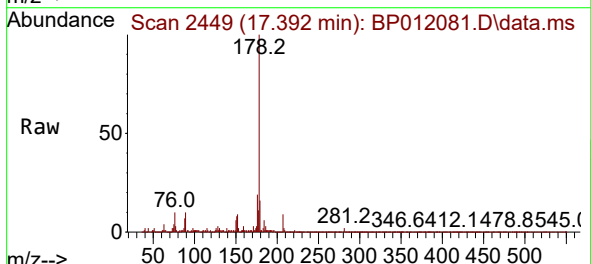
Instrument :
BNA_P
ClientSampleId :
E10007DL2

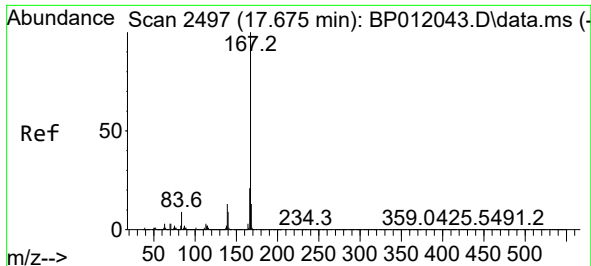
Tgt Ion:178 Resp: 353129
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 18.9 15.8 23.6



#74
Anthracene
Concen: 2.109 ng/ul
RT: 17.392 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

Tgt Ion:178 Resp: 107217
Ion Ratio Lower Upper
178 100
179 16.5 12.2 18.4
176 18.5 14.8 22.2

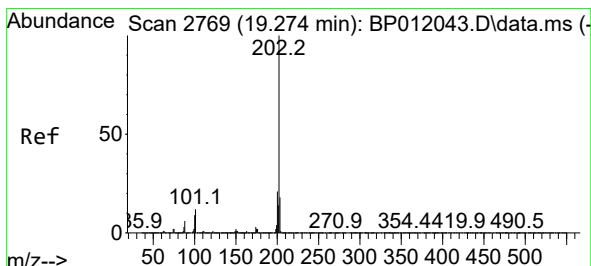
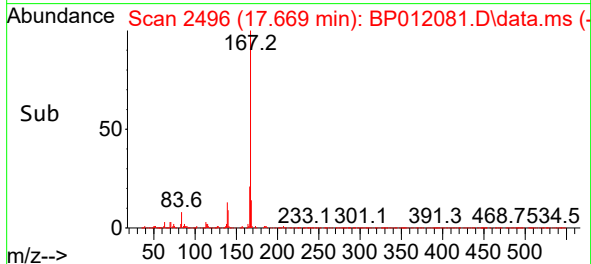
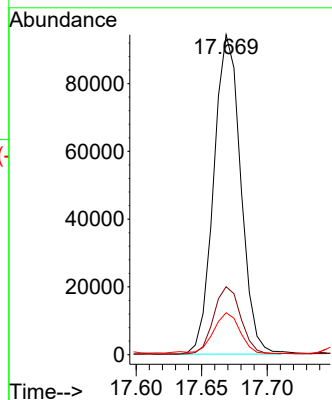
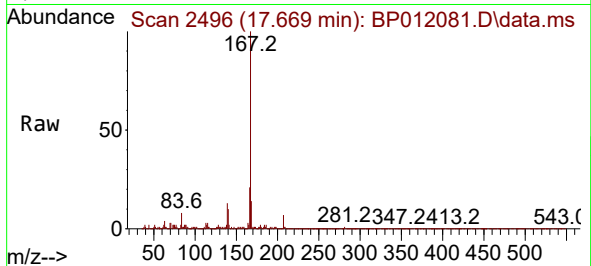




#77
 Carbazole
 Concen: 2.974 ng/ul
 RT: 17.669 min Scan# 2497
 Delta R.T. -0.000 min
 Lab File: BP012081.D
 Acq: 12 Oct 2022 15:09

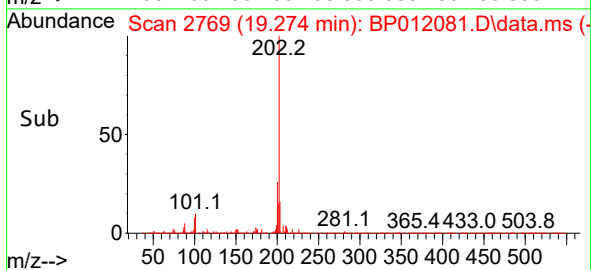
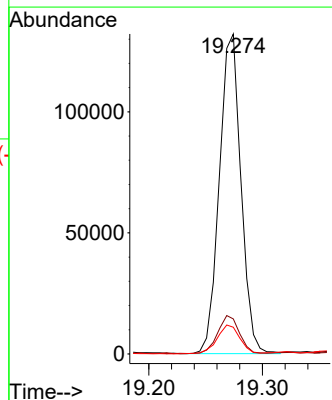
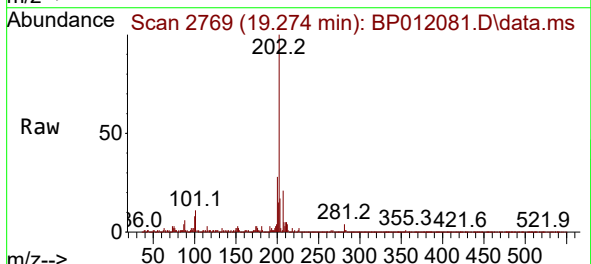
Instrument :
 BNA_P
 ClientSampleId :
 E10007DL2

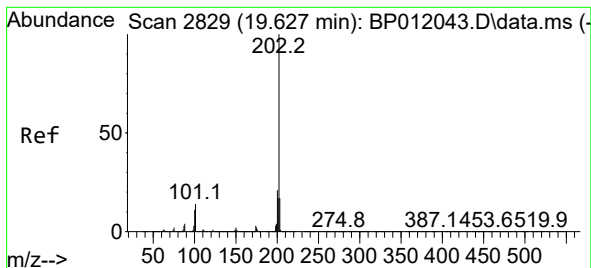
Tgt Ion:167 Resp: 134819
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 13.1 10.1 15.1



#80
 Fluoranthene
 Concen: 2.614 ng/ul
 RT: 19.274 min Scan# 2769
 Delta R.T. 0.006 min
 Lab File: BP012081.D
 Acq: 12 Oct 2022 15:09

Tgt Ion:202 Resp: 174445
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.0 13.6
 100 8.3 7.0 10.6





#82

Pyrene

Concen: 2.023 ng/ul

RT: 19.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP012081.D

Acq: 12 Oct 2022 15:09

Instrument :

BNA_P

ClientSampleId :

E10007DL2

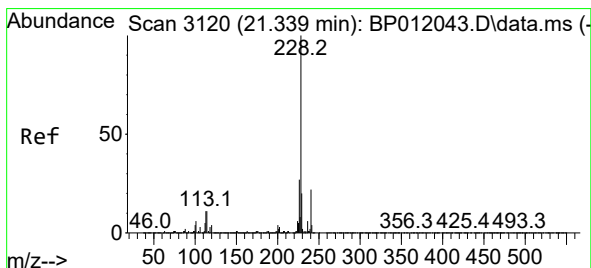
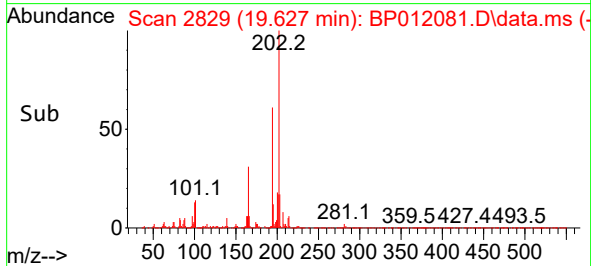
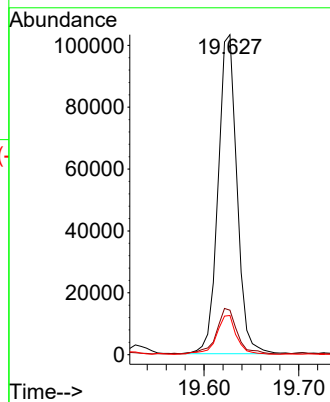
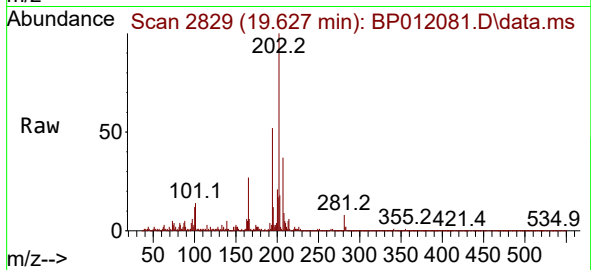
Tgt Ion:202 Resp: 142903

Ion Ratio Lower Upper

202 100

101 13.9 10.4 15.6

100 12.2 8.5 12.7



#85

Benzo(a)anthracene

Concen: 1.115 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BP012081.D

Acq: 12 Oct 2022 15:09

Tgt Ion:228 Resp: 74592

Ion Ratio Lower Upper

228 100

229 20.5 15.7 23.5

226 31.1 21.9 32.9

