

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005155.D
 Acq On : 02 Apr 2021 12:48
 Operator : CG/JU
 Sample : M1836-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B4-8-10

Quant Time: Apr 02 13:44:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:23:57 2021
 Response via : Initial Calibration

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

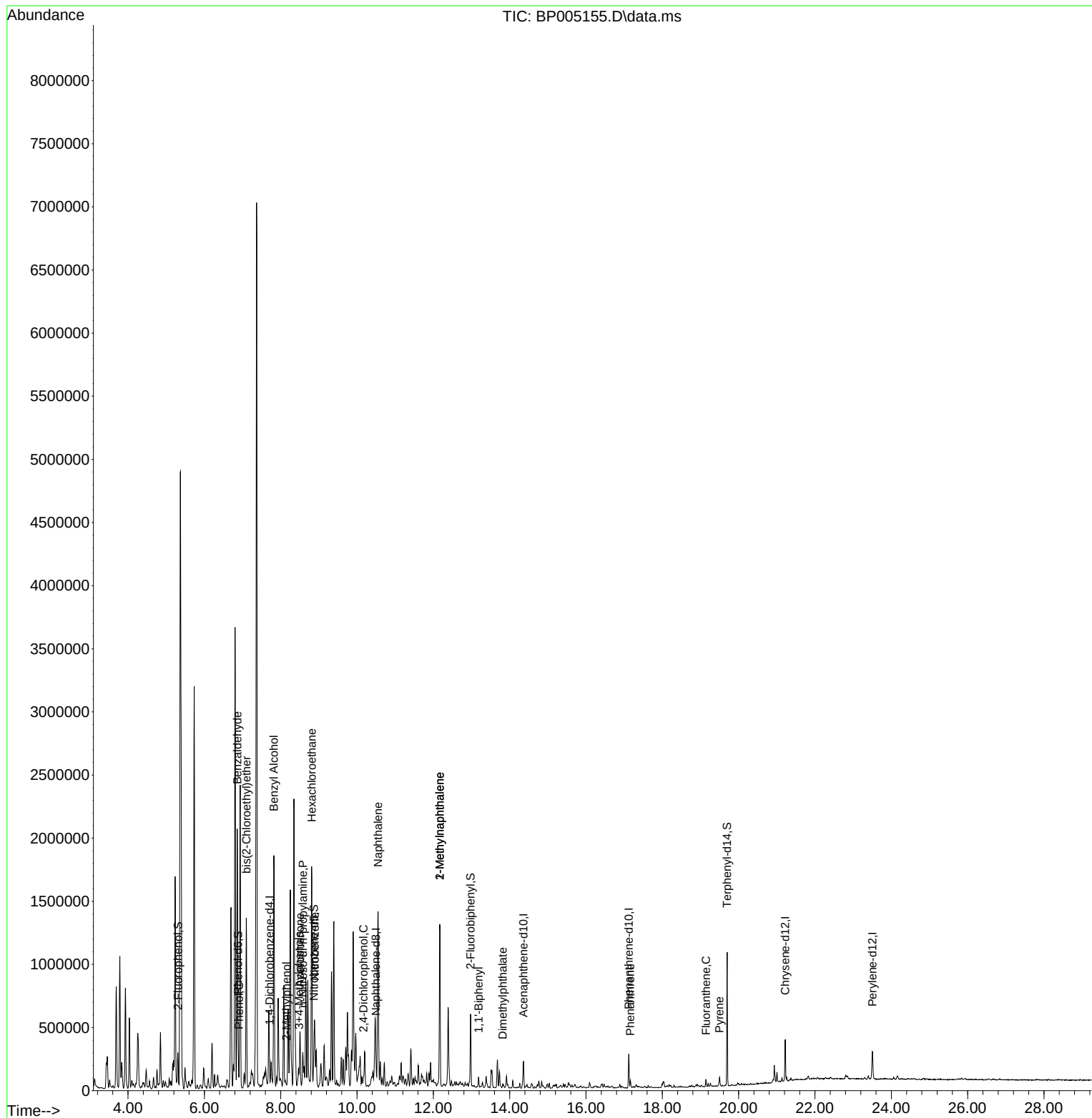
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	28336	20.00	ng	0.00
21) Naphthalene-d8	10.498	136	110751	20.00	ng	# 0.00
39) Acenaphthene-d10	14.363	164	71091	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	147499	20.00	ng	# 0.00
76) Chrysene-d12	21.221	240	148814	20.00	ng	0.00
86) Perylene-d12	23.504	264	156225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	20368	11.06	ng	0.00
7) Phenol-d6	6.887	99	154698	58.65	ng	0.00
23) Nitrobenzene-d5	8.869	82	145473	56.36	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	1145	1.24	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	291838	55.53	ng	0.00
79) Terphenyl-d14	19.698	244	454011	55.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.863	77	129642	96.52	ng	# 1
10) Phenol	6.910	94	7971	2.95	ng	# 59
11) bis(2-Chloroethyl)ether	7.099	93	4369	2.21	ng	# 1
15) Benzyl Alcohol	7.822	79	93736	46.07	ng	# 5
17) 2-Methylphenol	8.157	107	3904	2.26	ng	# 83
18) Hexachloroethane	8.810	117	141381	169.37	ng	# 1
19) n-Nitroso-di-n-propyla...	8.581	70	38325	22.40	ng	# 55
20) 3+4-Methylphenols	8.481	107	15605	6.62	ng	# 82
22) Acetophenone	8.504	105	279340	87.73	ng	# 61
24) Nitrobenzene	8.893	77	16377	6.02	ng	# 3
29) 2,4-Dichlorophenol	10.169	162	7813	4.12	ng	# 30
31) Naphthalene	10.551	128	856489	136.90	ng	98
37) 2-Methylnaphthalene	12.169	142	601565	133.16	ng	95
38) 1-Methylnaphthalene	12.169	142	601565	142.06	ng	94
46) 1,1'-Biphenyl	13.187	154	10983	2.03	ng	95
50) Dimethylphthalate	13.816	163	14824	2.71	ng	# 94
71) Phenanthrene	17.163	178	33143	3.88	ng	97
75) Fluoranthene	19.145	202	26517	2.64	ng	97
78) Pyrene	19.498	202	27809	2.72	ng	98

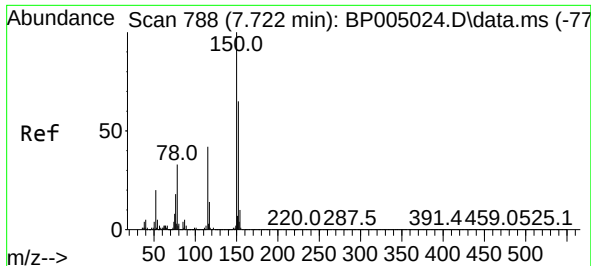
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005155.D
Acq On : 02 Apr 2021 12:48
Operator : CG/JU
Sample : M1836-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B4-8-10

Quant Time: Apr 02 13:44:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 12:23:57 2021
Response via : Initial Calibration

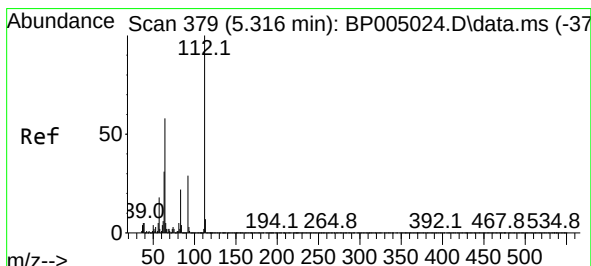
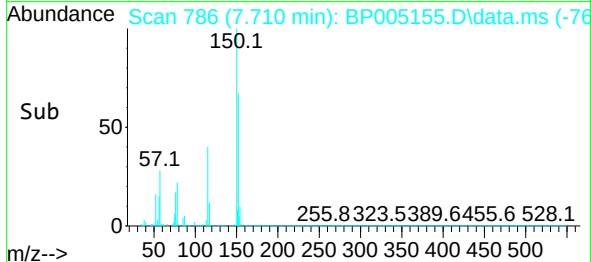
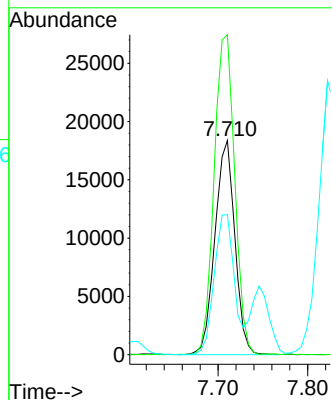
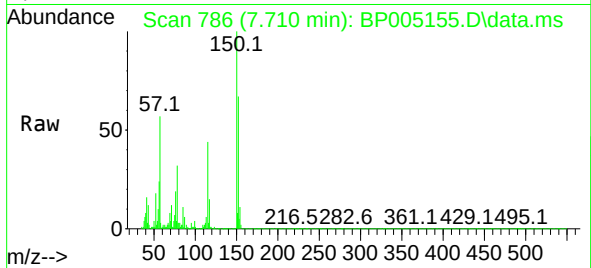




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.710 min Scan# 786
Delta R.T. 0.005 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

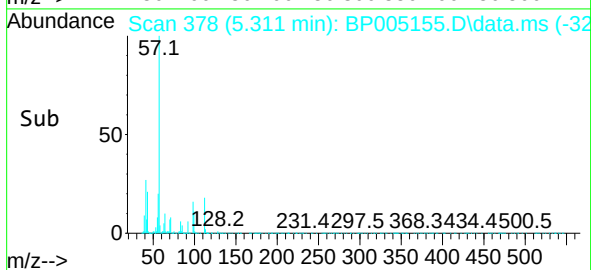
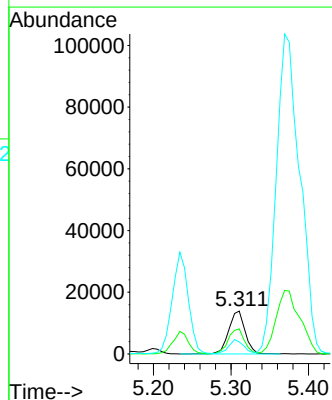
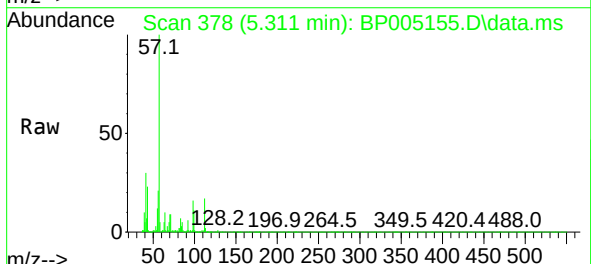
Instrument :
BNA_P
ClientSampleId :
B4-8-10

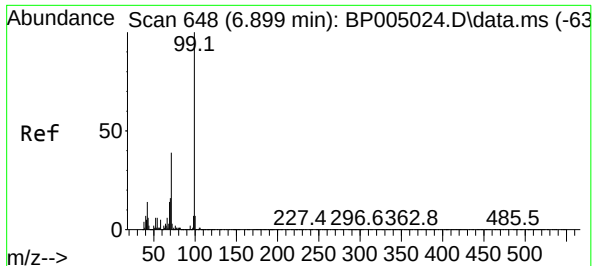
Tgt Ion:152 Resp: 28336
Ion Ratio Lower Upper
152 100
150 149.4 123.8 185.6
115 65.4 43.8 65.6



#5
2-Fluorophenol
Concen: 11.06 ng
RT: 5.311 min Scan# 378
Delta R.T. 0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion:112 Resp: 20368
Ion Ratio Lower Upper
112 100
64 58.7 32.8 49.2#
63 27.9 17.0 25.4#

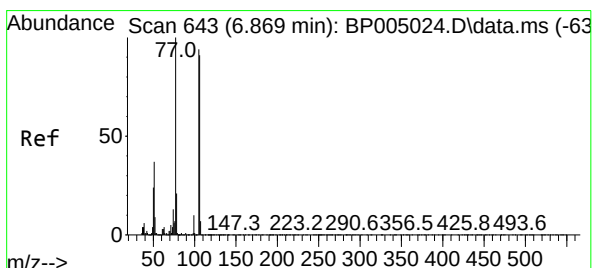
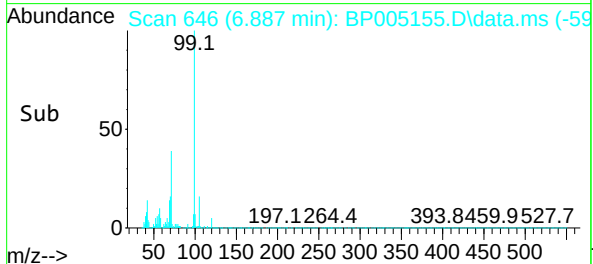
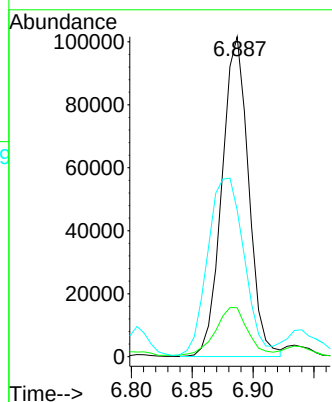
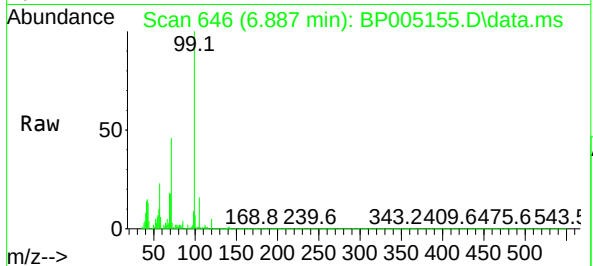




#7
Phenol-d6
Concen: 58.65 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

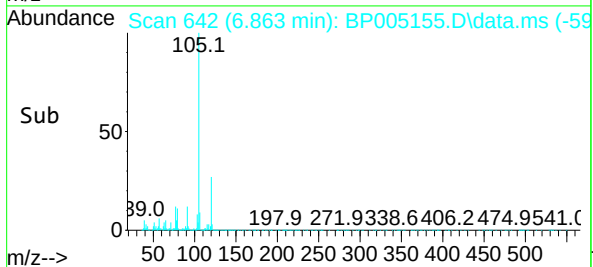
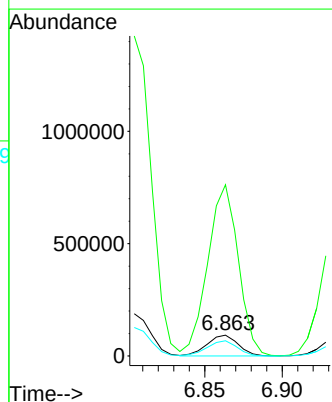
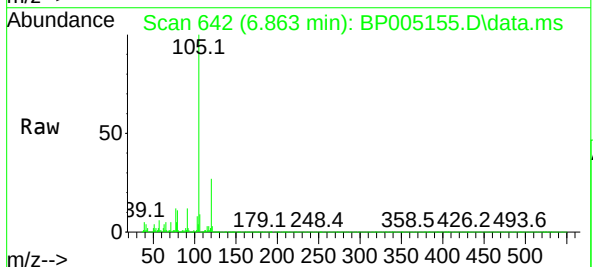
Instrument :
BNA_P
ClientSampleId :
B4-8-10

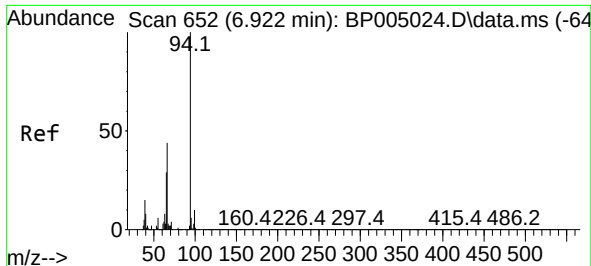
Tgt Ion: 99 Resp: 154698
Ion Ratio Lower Upper
99 100
42 15.3 8.6 13.0#
71 45.8 23.4 35.2#



#9
Benzaldehyde
Concen: 96.52 ng
RT: 6.863 min Scan# 642
Delta R.T. 0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion: 77 Resp: 129642
Ion Ratio Lower Upper
77 100
105 822.2 97.1 137.1#
106 73.1 93.7 133.7#

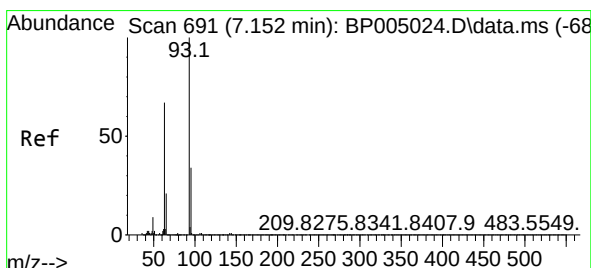
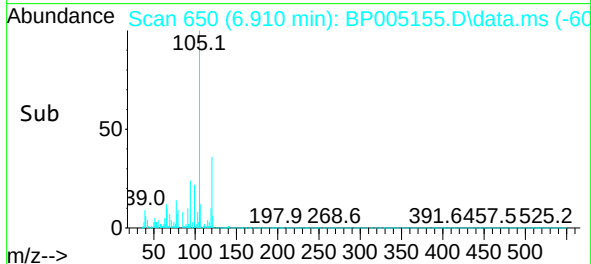
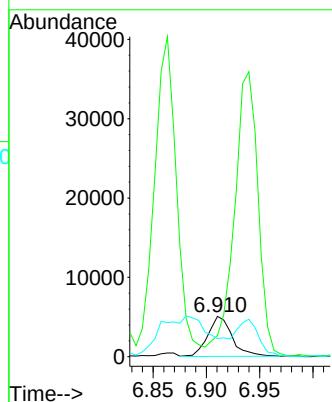
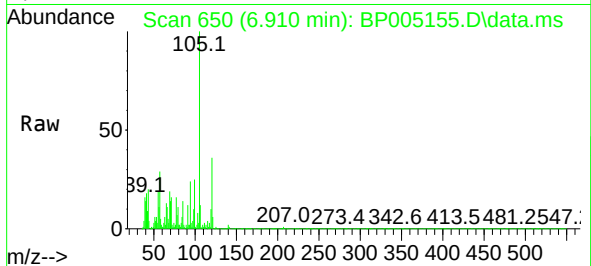




#10
Phenol
Concen: 2.95 ng
RT: 6.910 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

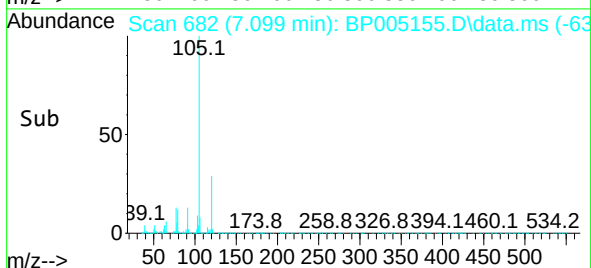
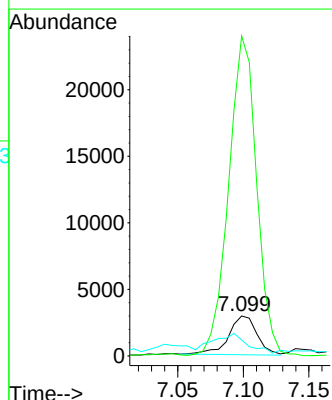
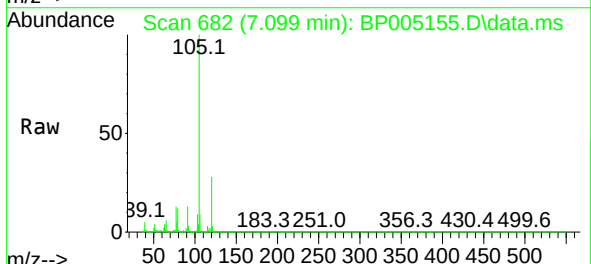
Instrument :
BNA_P
ClientSampleId :
B4-8-10

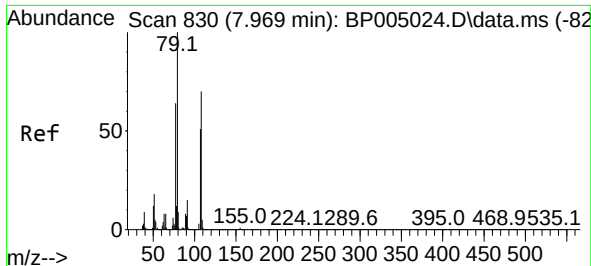
Tgt Ion: 94 Resp: 7971
Ion Ratio Lower Upper
94 100
65 52.9 2.3 42.3#
66 44.7 10.9 50.9



#11
bis(2-Chloroethyl)ether
Concen: 2.21 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.041 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion: 93 Resp: 4369
Ion Ratio Lower Upper
93 100
63 800.3 39.0 79.0#
95 40.0 12.8 52.8

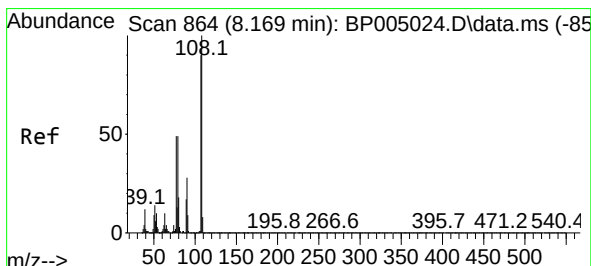
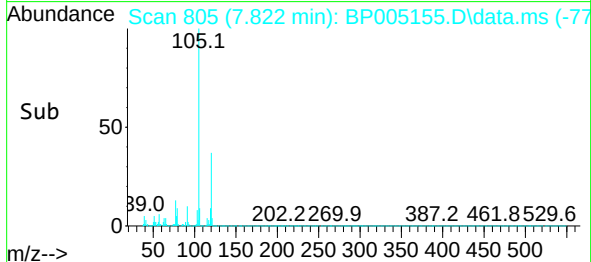
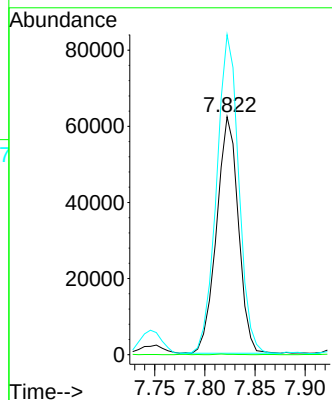
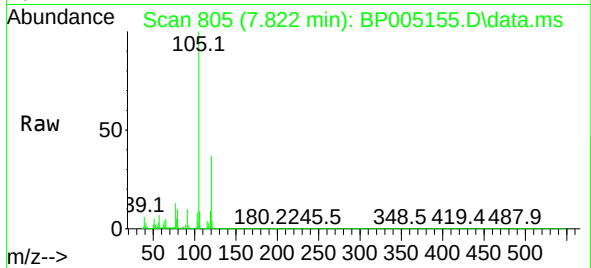




#15
Benzyl Alcohol
Concen: 46.07 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.130 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

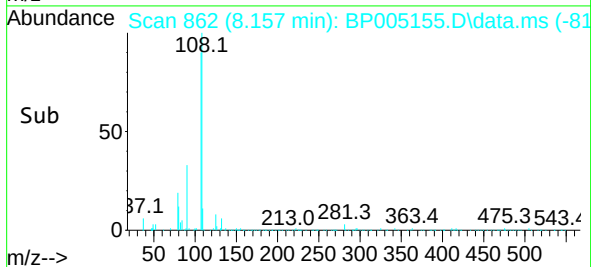
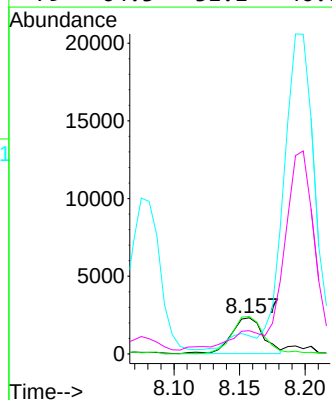
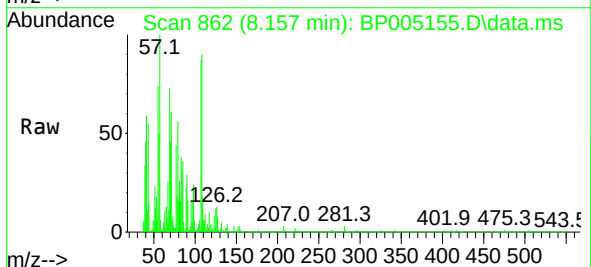
Instrument :
BNA_P
ClientSampleId :
B4-8-10

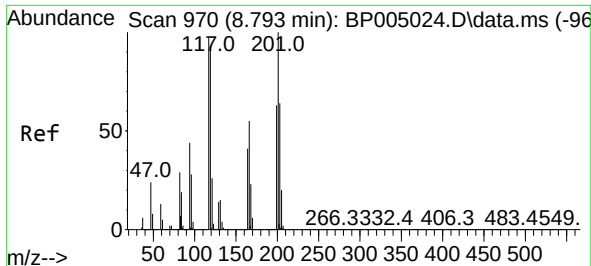
Tgt Ion: 79 Resp: 93736
Ion Ratio Lower Upper
79 100
108 0.1 73.5 110.3#
77 134.5 50.3 75.5#



#17
2-Methylphenol
Concen: 2.26 ng
RT: 8.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion: 107 Resp: 3904
Ion Ratio Lower Upper
107 100
108 103.3 89.6 134.4
77 50.1 31.8 47.6#
79 64.3 31.1 46.7#

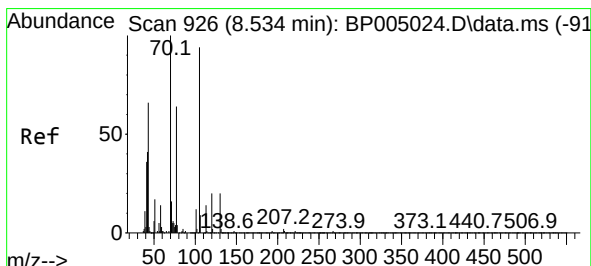
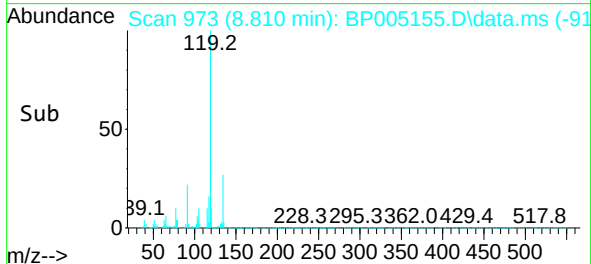
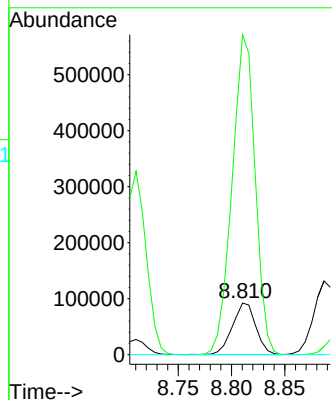
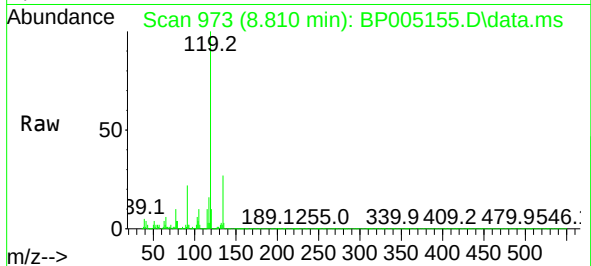




#18
Hexachloroethane
Concen: 169.37 ng
RT: 8.810 min Scan# 973
Delta R.T. 0.035 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

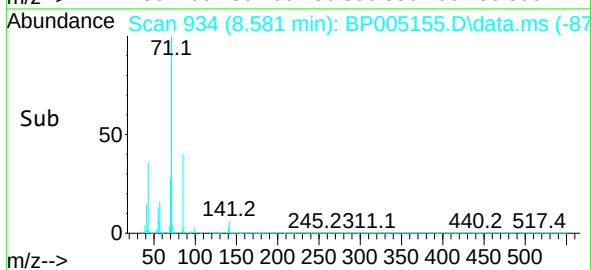
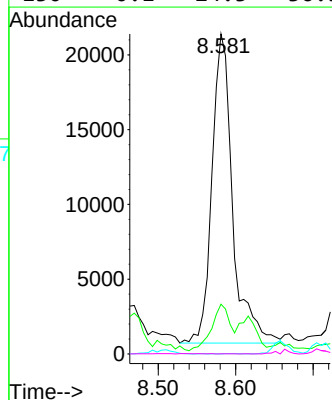
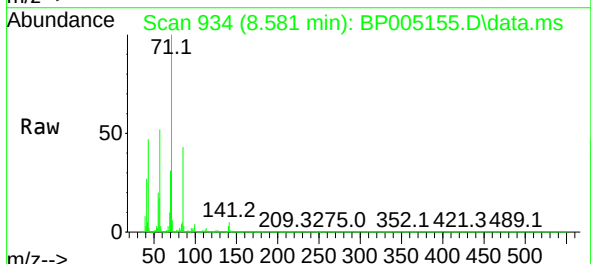
Instrument :
BNA_P
ClientSampleId :
B4-8-10

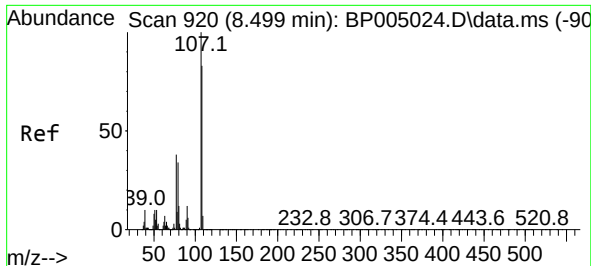
Tgt Ion:117 Resp: 141381
Ion Ratio Lower Upper
117 100
119 619.0 78.8 118.2#
201 0.0 92.3 138.5#



#19
n-Nitroso-di-n-propylamine
Concen: 22.40 ng
RT: 8.581 min Scan# 934
Delta R.T. 0.059 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion: 70 Resp: 38325
Ion Ratio Lower Upper
70 100
42 15.6 32.8 49.2#
101 0.0 9.6 14.4#
130 0.1 24.3 36.5#

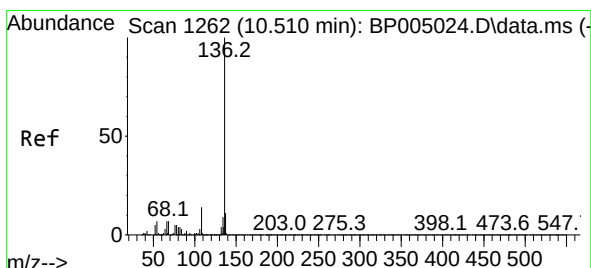
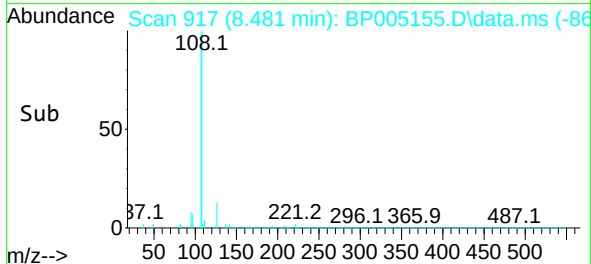
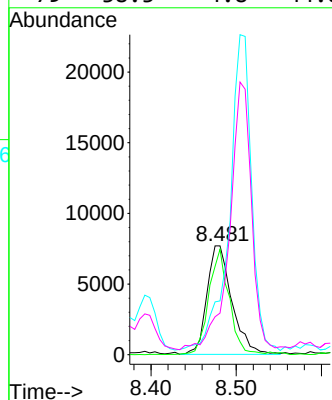
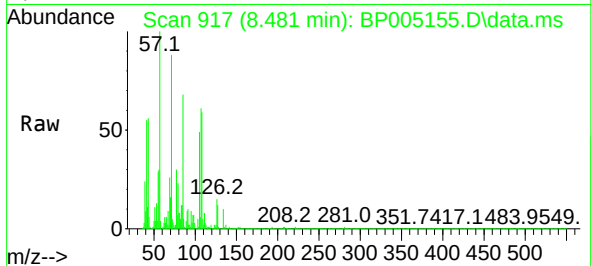




#20
3+4-Methylphenols
Concen: 6.62 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

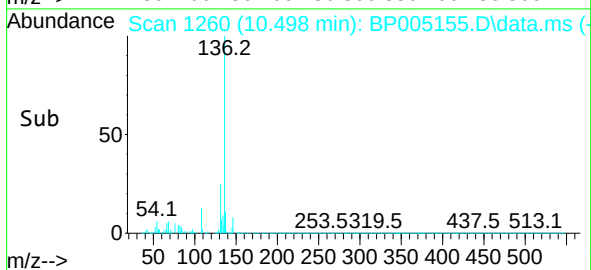
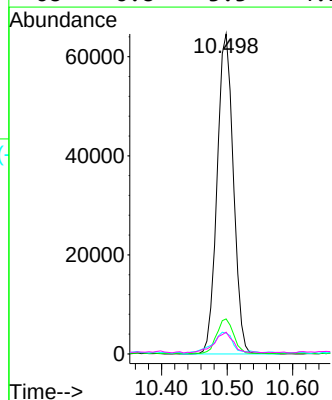
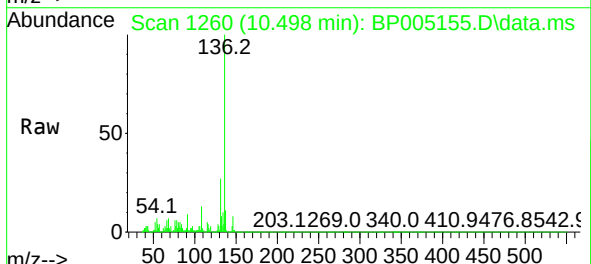
Instrument :
BNA_P
ClientSampleId :
B4-8-10

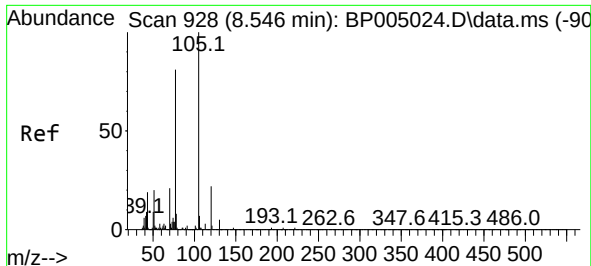
Tgt Ion:	107	Resp:	15605
Ion	Ratio	Lower	Upper
107	100		
108	96.8	69.0	109.0
77	49.3	8.5	48.5#
79	38.3	4.8	44.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion:	136	Resp:	110751
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.5	3.6	5.4#
68	6.8	3.3	4.9#

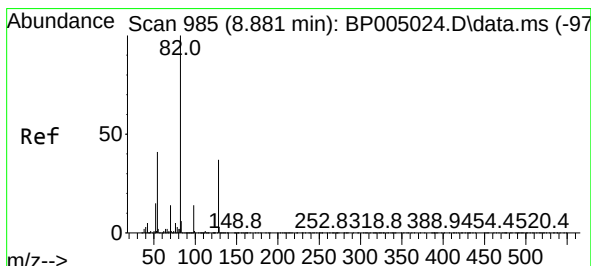
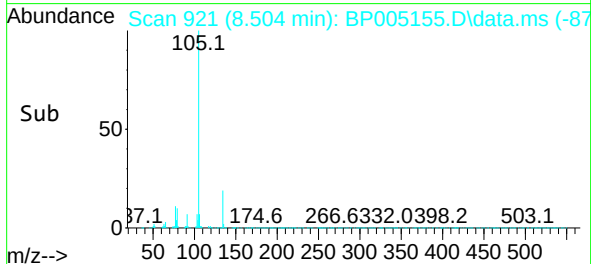
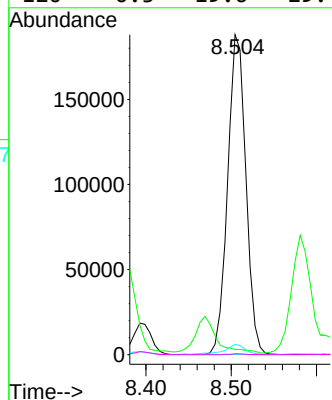
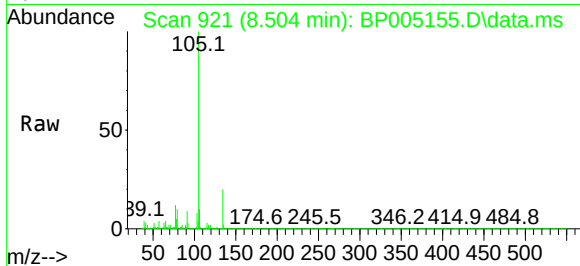




#22
Acetophenone
Concen: 87.73 ng
RT: 8.504 min Scan# 921
Delta R.T. -0.030 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

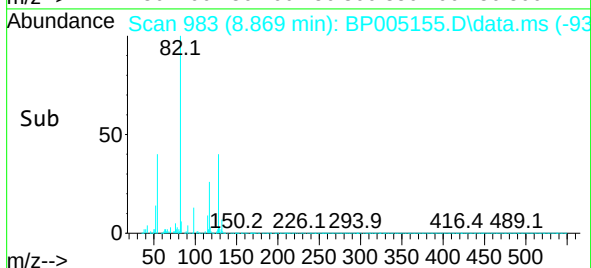
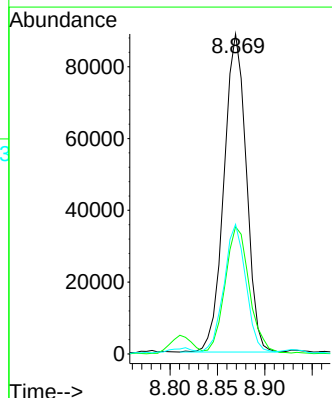
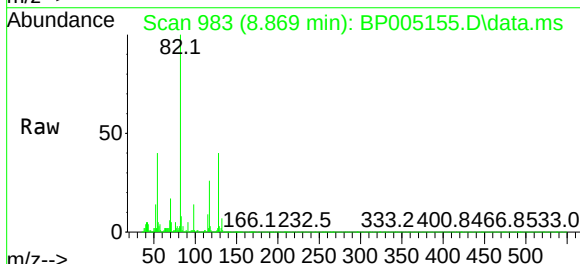
Instrument :
BNA_P
ClientSampleId :
B4-8-10

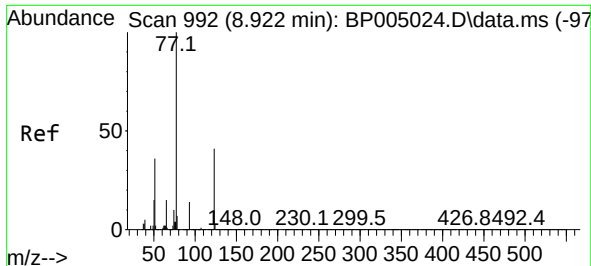
Tgt Ion:105 Resp: 279340
Ion Ratio Lower Upper
105 100
71 1.7 2.6 3.8#
51 3.2 13.5 20.3#
120 0.3 19.6 29.4#



#23
Nitrobenzene-d5
Concen: 56.36 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion: 82 Resp: 145473
Ion Ratio Lower Upper
82 100
128 39.7 45.6 68.4#
54 40.5 30.1 45.1

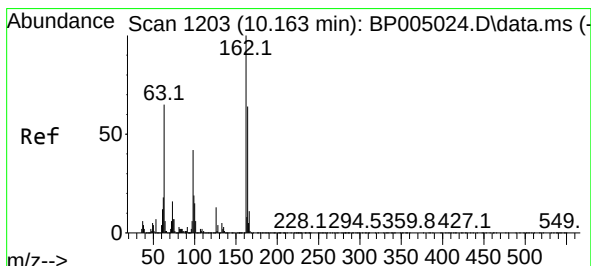
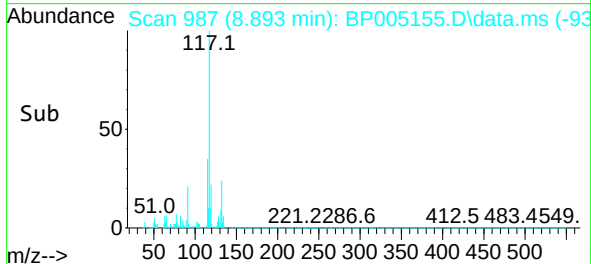
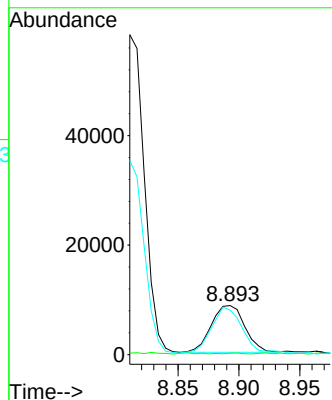
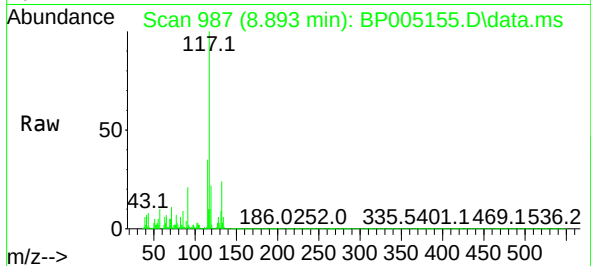




#24
Nitrobenzene
Concen: 6.02 ng
RT: 8.893 min Scan# 987
Delta R.T. -0.018 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

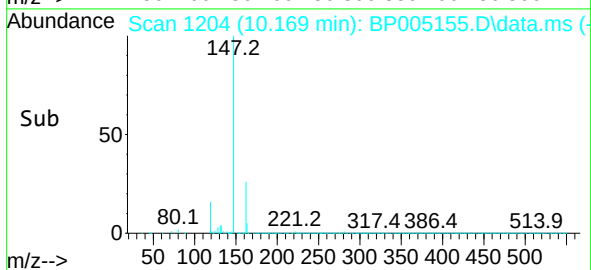
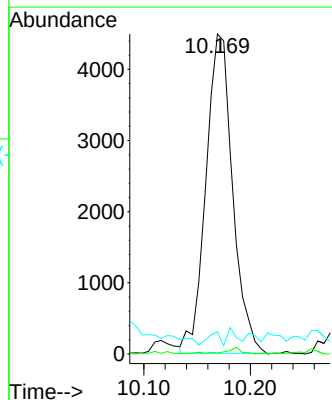
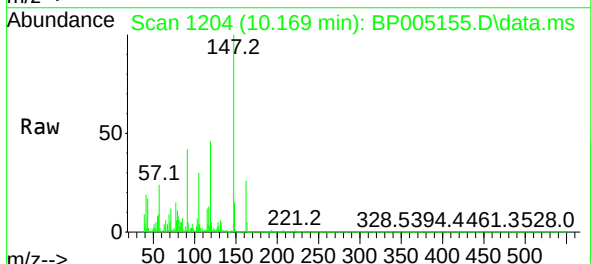
Instrument :
BNA_P
ClientSampleId :
B4-8-10

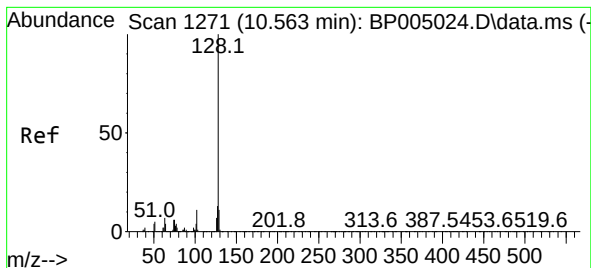
Tgt Ion: 77 Resp: 16377
Ion Ratio Lower Upper
77 100
123 3.0 48.6 72.8#
65 90.7 10.0 15.0#



#29
2,4-Dichlorophenol
Concen: 4.12 ng
RT: 10.169 min Scan# 1204
Delta R.T. 0.017 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion: 162 Resp: 7813
Ion Ratio Lower Upper
162 100
164 0.3 45.8 85.8#
98 6.9 10.2 50.2#

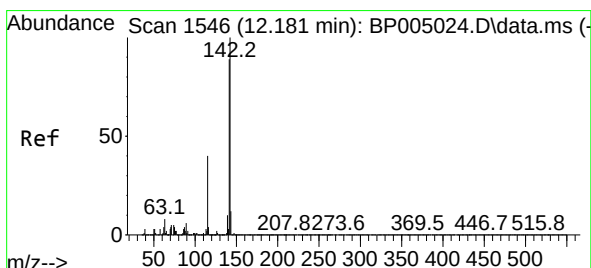
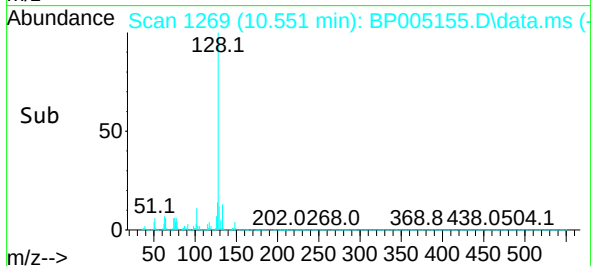
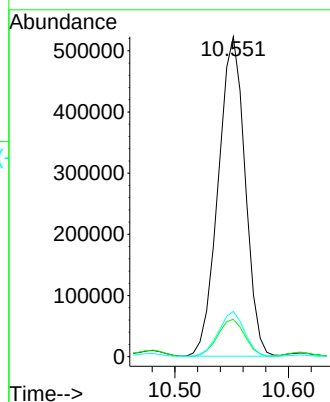
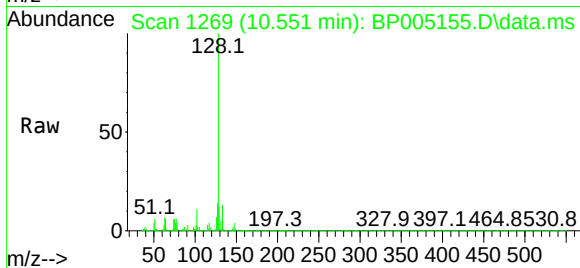




#31
Naphthalene
Concen: 136.90 ng
RT: 10.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

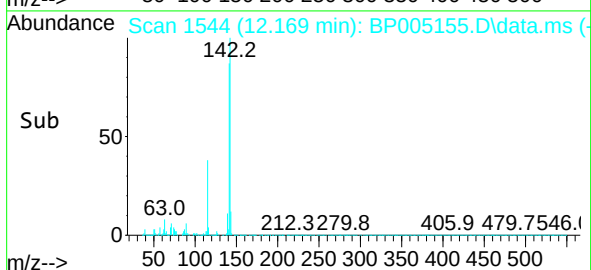
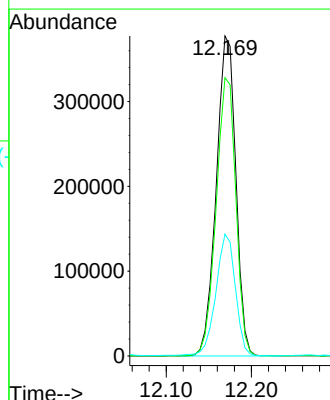
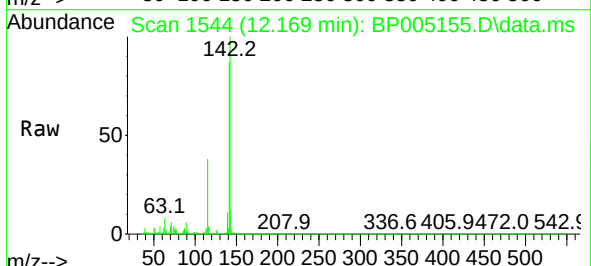
Instrument :
BNA_P
ClientSampleId :
B4-8-10

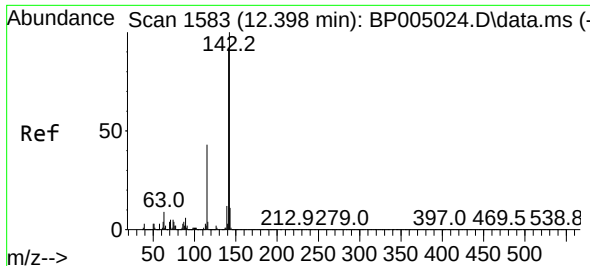
Tgt Ion:128 Resp: 856489
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.1 10.6 15.8



#37
2-Methylnaphthalene
Concen: 133.16 ng
RT: 12.169 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion:142 Resp: 601565
Ion Ratio Lower Upper
142 100
141 86.9 71.4 107.2
115 38.1 25.8 38.6

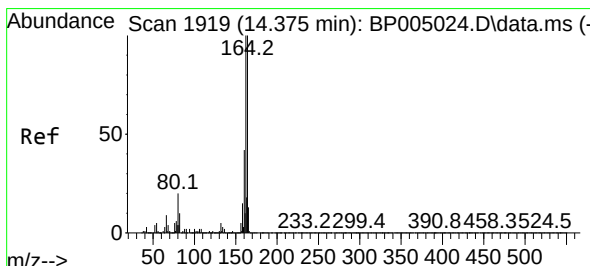
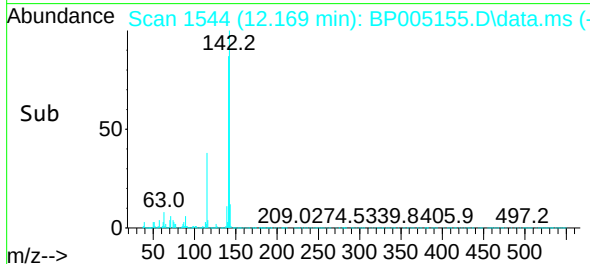
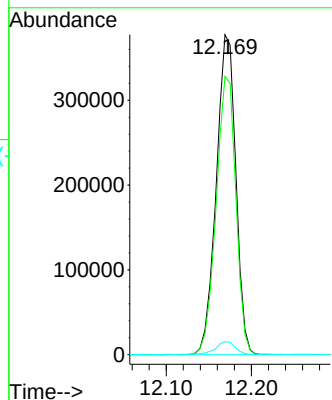
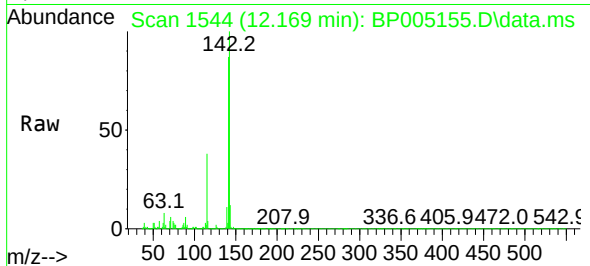




#38
1-Methylnaphthalene
Concen: 142.06 ng
RT: 12.169 min Scan# 1544
Delta R.T. -0.218 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

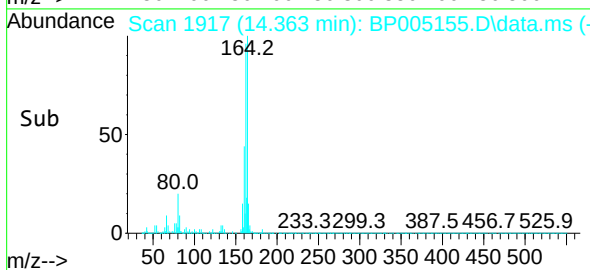
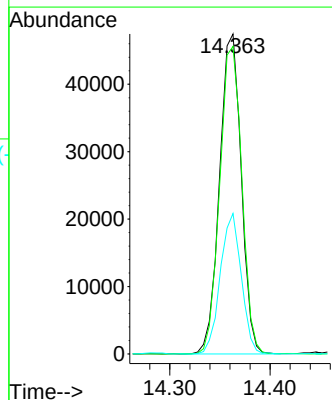
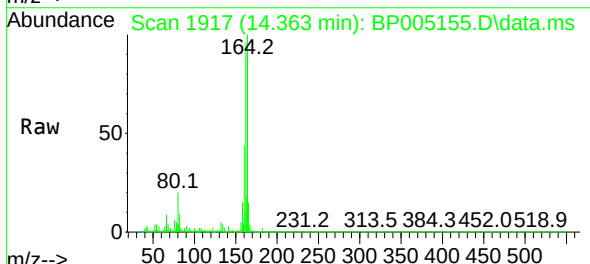
Instrument :
BNA_P
ClientSampleId :
B4-8-10

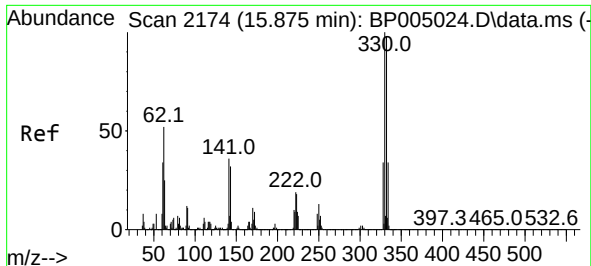
Tgt Ion:142 Resp: 601565
Ion Ratio Lower Upper
142 100
141 86.9 74.4 111.6
116 4.1 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion:164 Resp: 71091
Ion Ratio Lower Upper
164 100
162 96.1 79.4 119.2
160 43.9 36.1 54.1

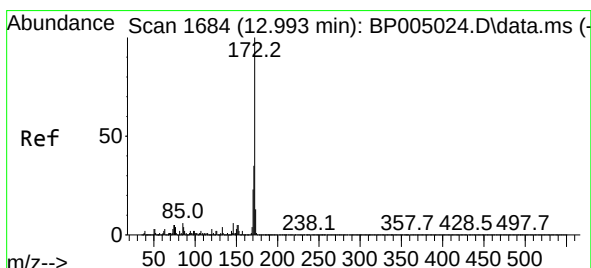
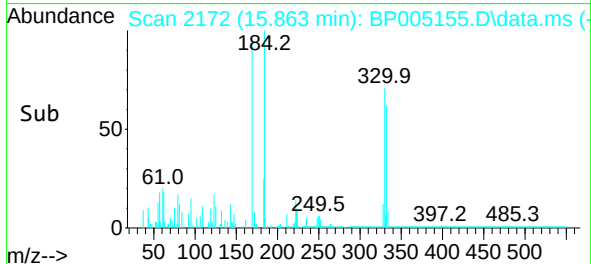
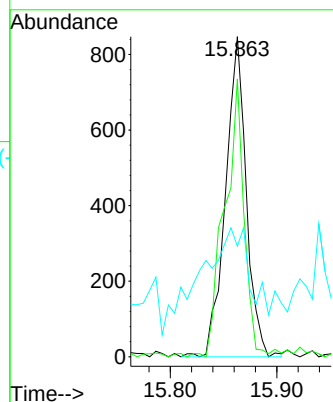
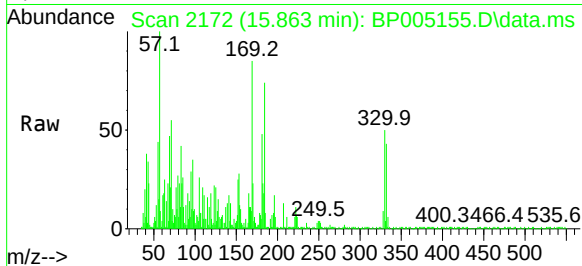




#42
2,4,6-Tribromophenol
Concen: 1.24 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

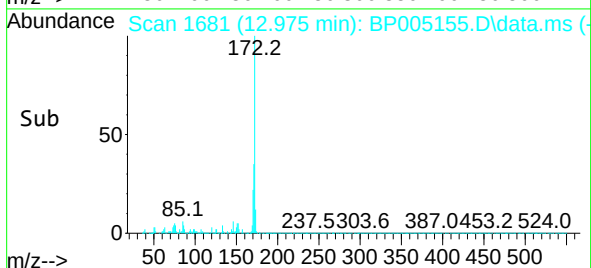
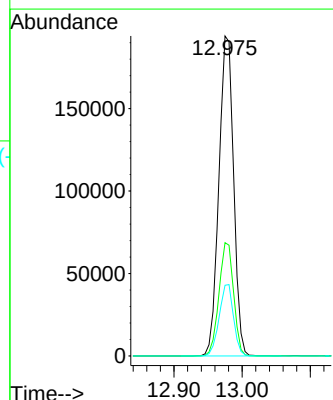
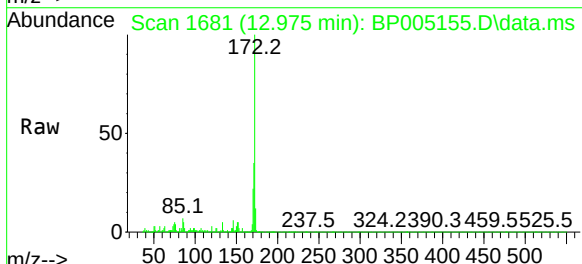
Instrument :
BNA_P
ClientSampleId :
B4-8-10

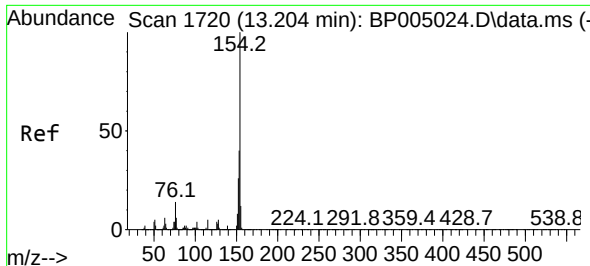
Tgt Ion: 330 Resp: 1145
Ion Ratio Lower Upper
330 100
332 81.2 77.1 115.7
141 54.5 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 55.53 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion: 172 Resp: 291838
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.1 19.2 28.8

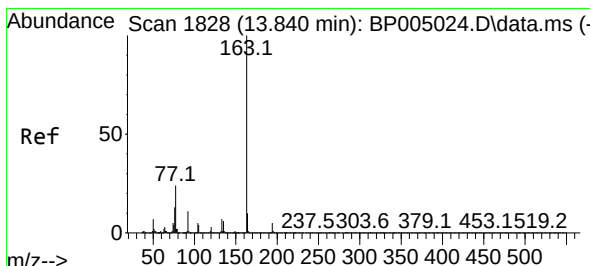
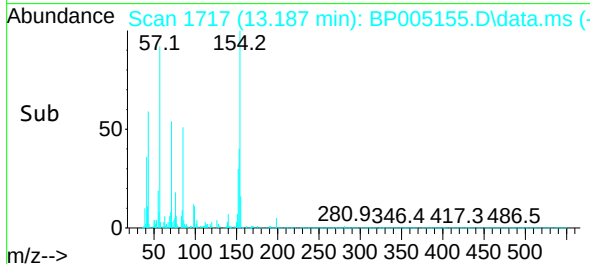
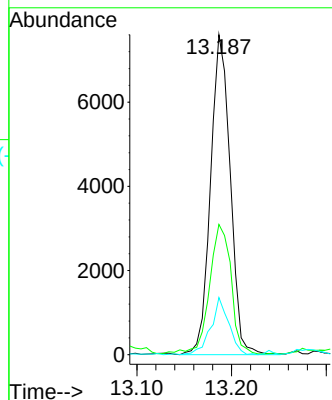
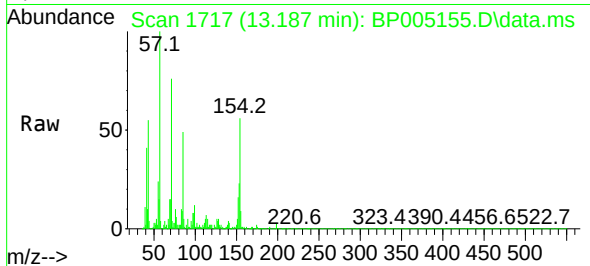




#46
1,1'-Biphenyl
Concen: 2.03 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

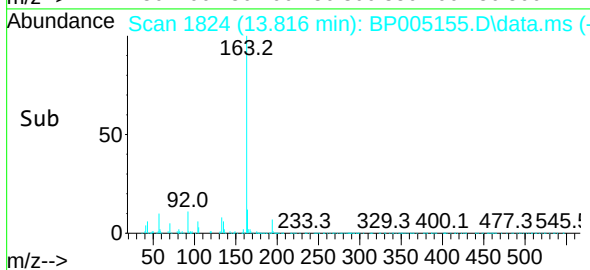
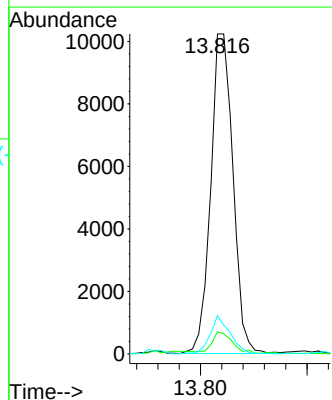
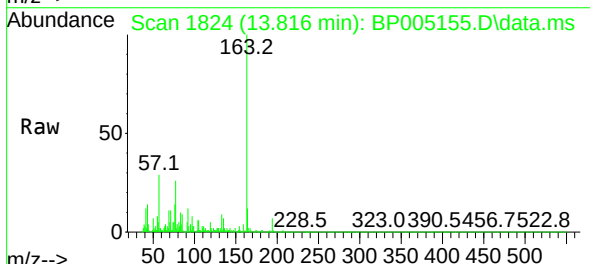
Instrument :
BNA_P
ClientSampleId :
B4-8-10

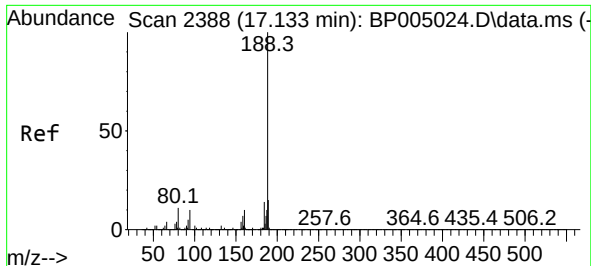
Tgt Ion:154	Resp:	10983
Ion Ratio	Lower	Upper
154	100	
153	40.7	20.4 60.4
76	17.9	0.0 29.3



#50
Dimethylphthalate
Concen: 2.71 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion:163	Resp:	14824
Ion Ratio	Lower	Upper
163	100	
194	6.9	3.3 4.9#
164	12.0	8.2 12.2

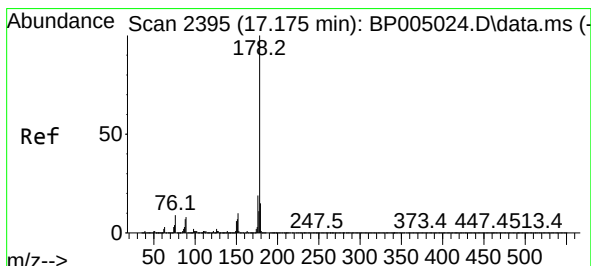
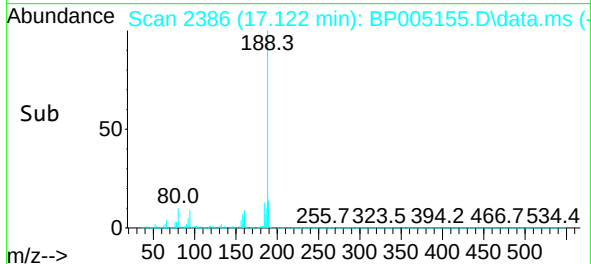
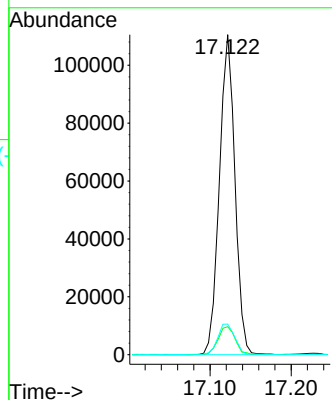
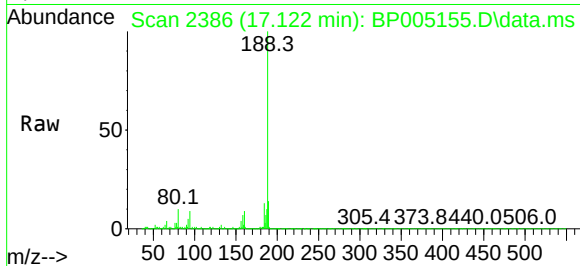




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

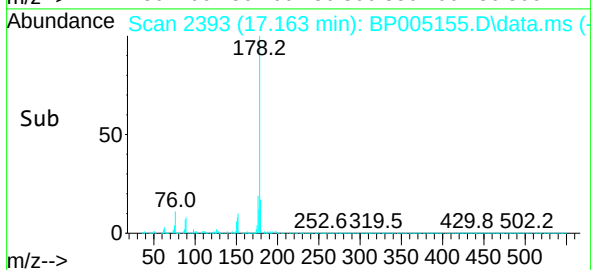
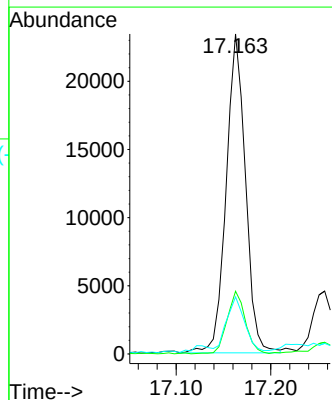
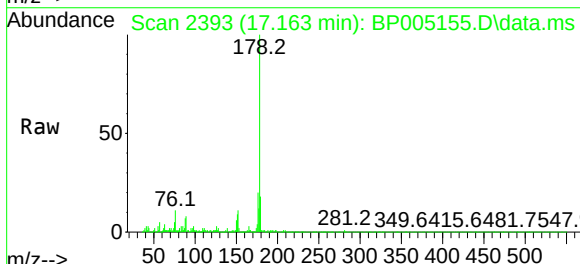
Instrument :
BNA_P
ClientSampleId :
B4-8-10

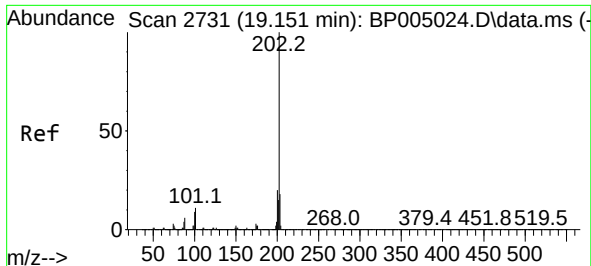
Tgt Ion:188 Resp: 147499
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 9.6 6.2 9.2#



#71
Phenanthrene
Concen: 3.88 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion:178 Resp: 33143
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 17.8 12.5 18.7

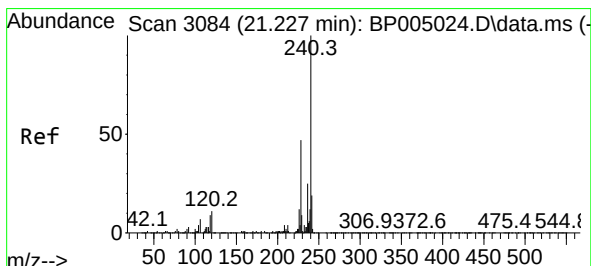
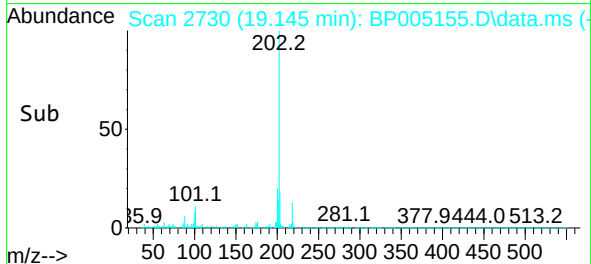
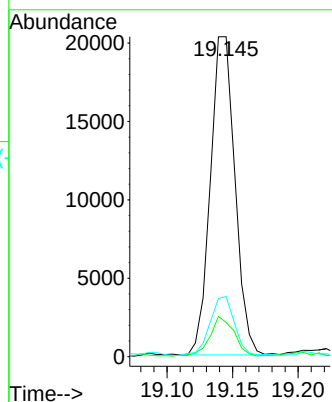
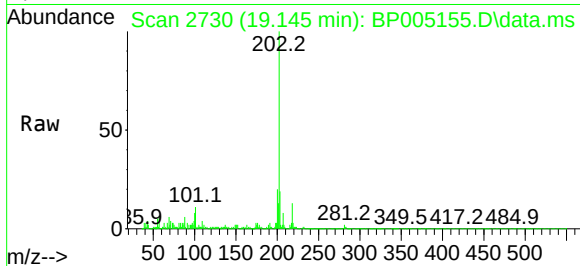




#75
Fluoranthene
Concen: 2.64 ng
RT: 19.145 min Scan# 2730
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

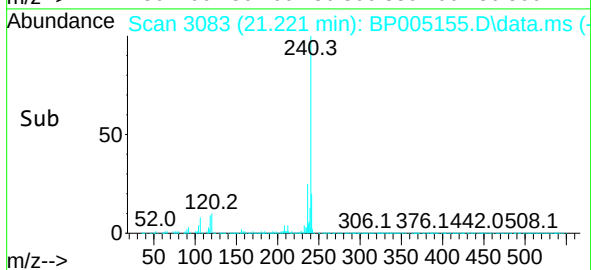
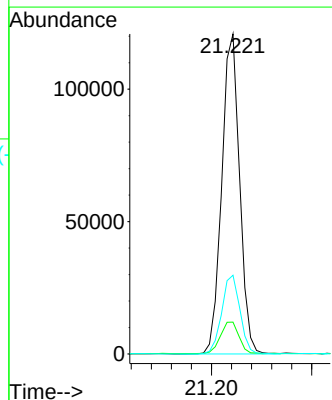
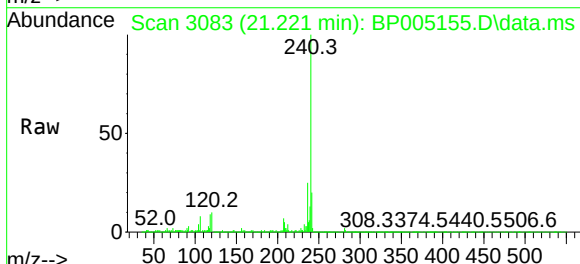
Instrument :
BNA_P
ClientSampleId :
B4-8-10

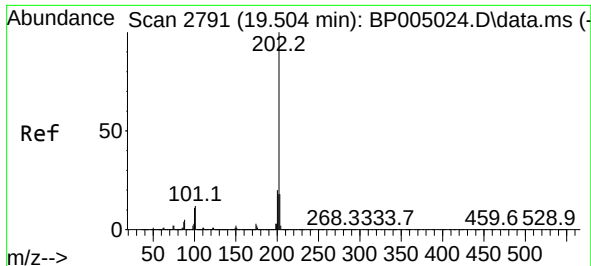
Tgt Ion:202	Resp:	26517
Ion Ratio	Lower	Upper
202	100	
101	10.7	0.0 29.4
203	18.8	0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion:240	Resp:	148814
Ion Ratio	Lower	Upper
240	100	
120	9.9	7.8 11.6
236	24.6	20.8 31.2

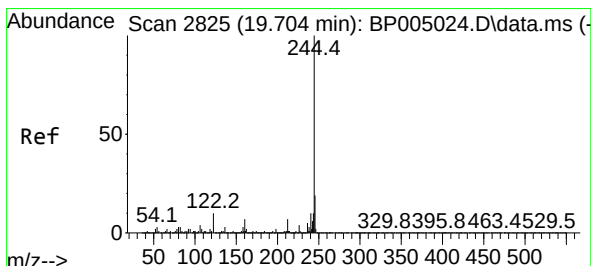
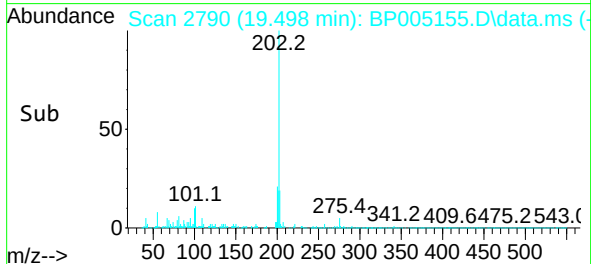
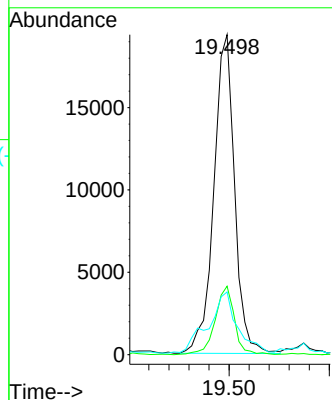
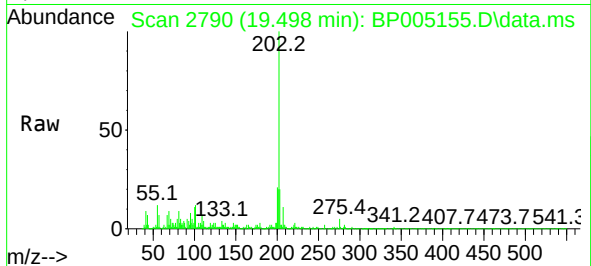




#78
Pyrene
Concen: 2.72 ng
RT: 19.498 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

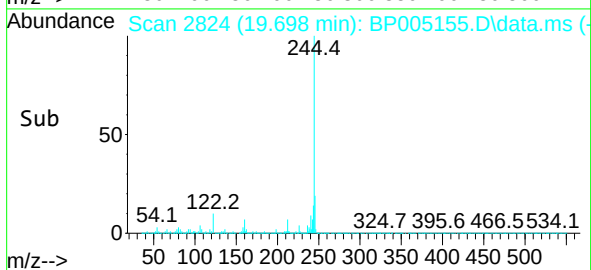
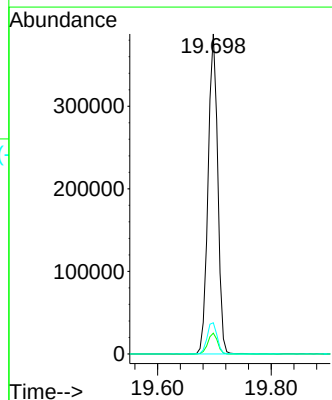
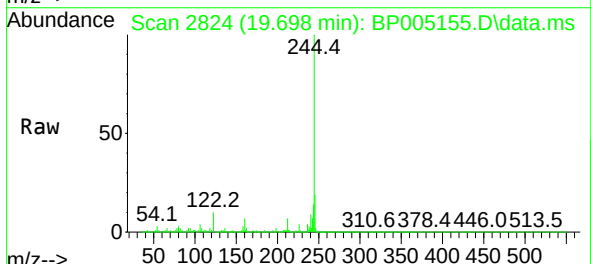
Instrument :
BNA_P
ClientSampleId :
B4-8-10

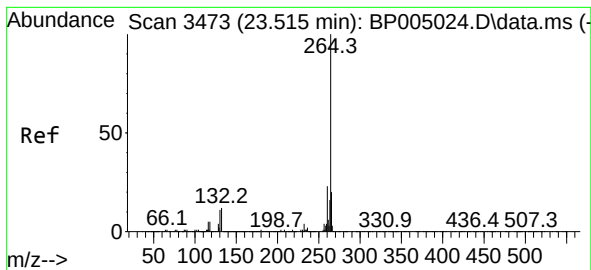
Tgt Ion:202 Resp: 27809
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 19.6 14.2 21.2



#79
Terphenyl-d14
Concen: 55.54 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

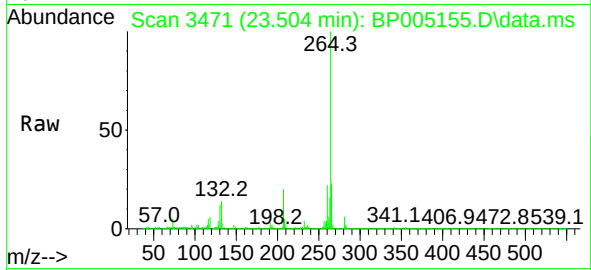
Tgt Ion:244 Resp: 454011
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 9.8 7.8 11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Instrument :
BNA_P
ClientSampleId :
B4-8-10



Tgt Ion:264	Resp:	156225
Ion	Ratio	Lower Upper
264	100	
260	21.9	18.8 28.2
265	22.6	17.4 26.2

