

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
 Data File : BP005184.D
 Acq On : 05 Apr 2021 18:13
 Operator : CG/JU
 Sample : M1836-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B4-8-10

Quant Time: Apr 06 00:32:02 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)

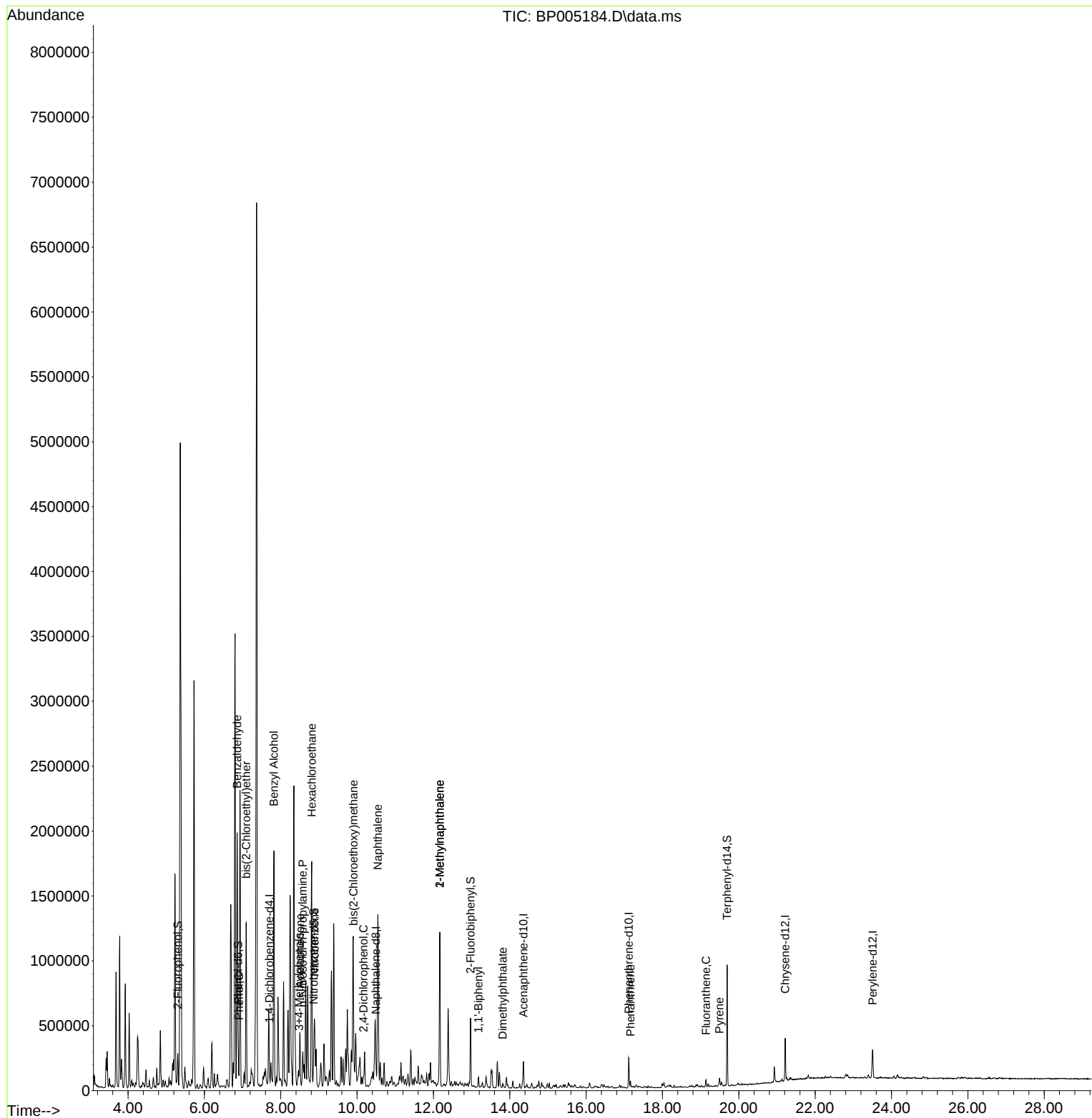
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	28067	20.00	ng	0.00
21) Naphthalene-d8	10.493	136	105718	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	66649	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	134833	20.00	ng	#-0.01
76) Chrysene-d12	21.216	240	146761	20.00	ng	-0.01
86) Perylene-d12	23.504	264	150789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	15849	8.69	ng	0.00
7) Phenol-d6	6.887	99	136848	52.38	ng	0.00
23) Nitrobenzene-d5	8.863	82	143351	58.18	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	445	0.51	ng	-0.01
45) 2-Fluorobiphenyl	12.975	172	269671	54.73	ng	0.00
79) Terphenyl-d14	19.692	244	421941	52.34	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.858	77	127609	95.91	ng	# 1
10) Phenol	6.911	94	7863	2.94	ng	# 29
11) bis(2-Chloroethyl)ether	7.093	93	4373	2.23	ng	# 1
15) Benzyl Alcohol	7.822	79	91806	45.55	ng	# 2
18) Hexachloroethane	8.810	117	140279	169.66	ng	# 1
19) n-Nitroso-di-n-propyla...	8.575	70	36843	21.74	ng	# 54
20) 3+4-Methylphenols	8.481	107	6655	2.85	ng	# 39
22) Acetophenone	8.505	105	272918	89.80	ng	# 61
24) Nitrobenzene	8.887	77	18261	7.03	ng	# 7
28) bis(2-Chloroethoxy)met...	9.905	93	4614	2.00	ng	# 85
29) 2,4-Dichlorophenol	10.169	162	7925	4.37	ng	# 30
31) Naphthalene	10.546	128	823473	137.89	ng	98
37) 2-Methylnaphthalene	12.169	142	560900	130.07	ng	97
38) 1-Methylnaphthalene	12.169	142	560856	138.75	ng	96
46) 1,1'-Biphenyl	13.181	154	10577	2.08	ng	97
50) Dimethylphthalate	13.816	163	14377	2.80	ng	99
71) Phenanthrene	17.163	178	28773	3.68	ng	98
75) Fluoranthene	19.139	202	24979	2.72	ng	97
78) Pyrene	19.492	202	26839	2.66	ng	97

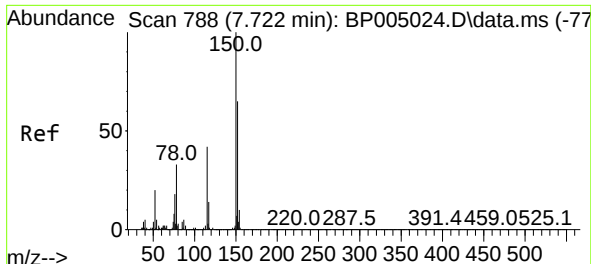
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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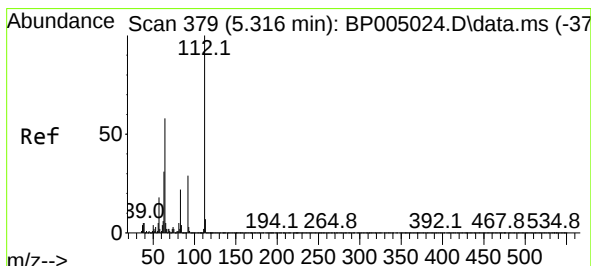
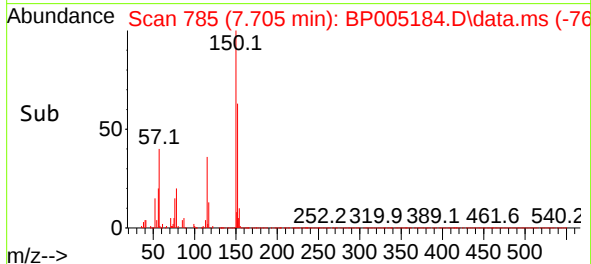
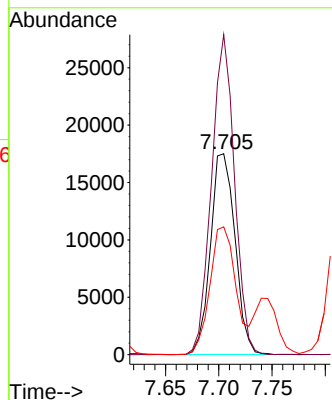
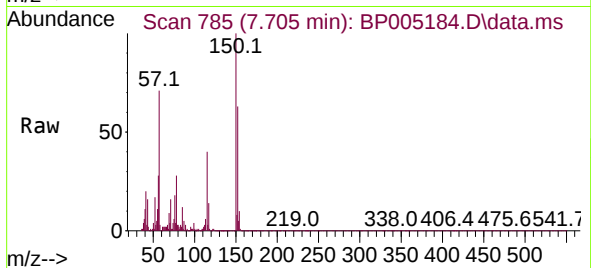




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

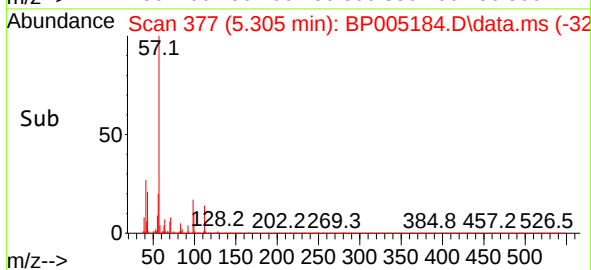
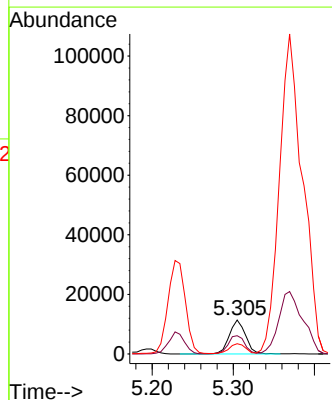
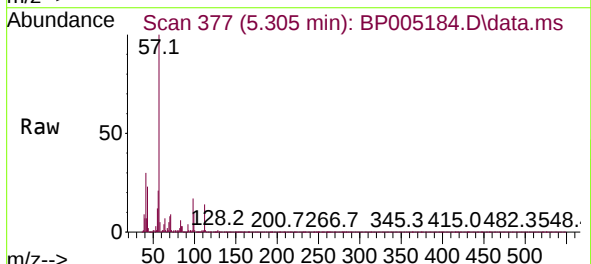
Instrument :
BNA_P
ClientSampled :
B4-8-10

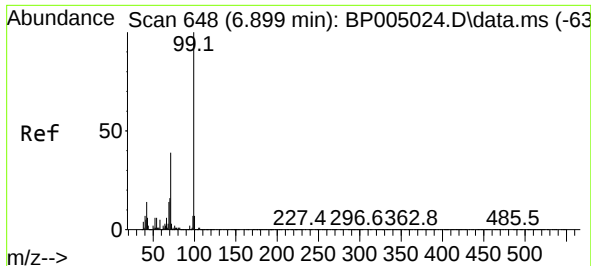
Tgt Ion:152 Resp: 28067
Ion Ratio Lower Upper
152 100
150 159.2 123.8 185.6
115 63.6 43.8 65.6



#5
2-Fluorophenol
Concen: 8.69 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion:112 Resp: 15849
Ion Ratio Lower Upper
112 100
64 53.7 32.8 49.2#
63 30.3 17.0 25.4#

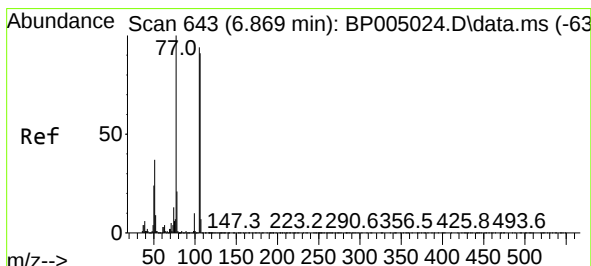
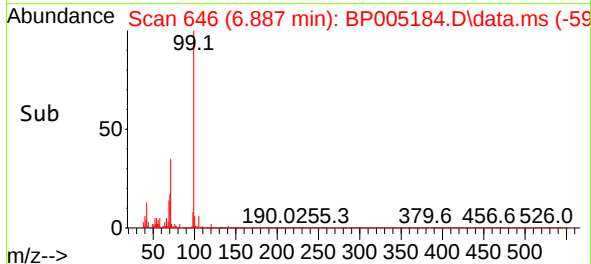
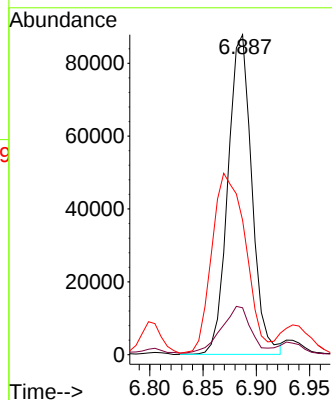
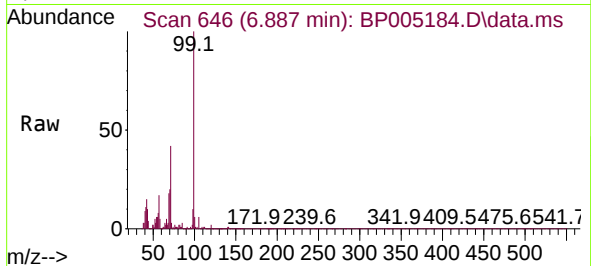




#7
Phenol-d6
Concen: 52.38 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

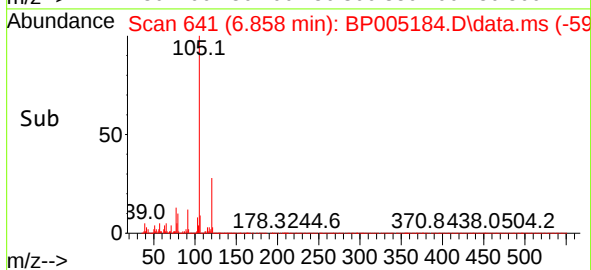
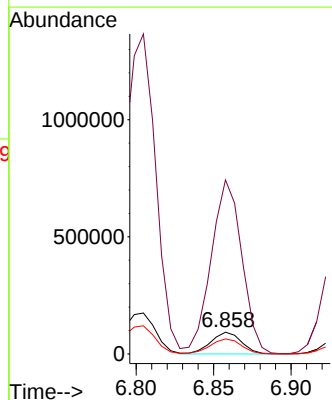
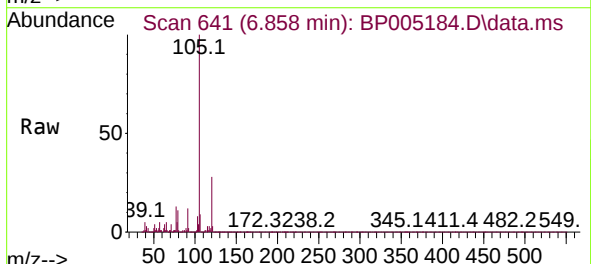
Instrument :
BNA_P
ClientSampleId :
B4-8-10

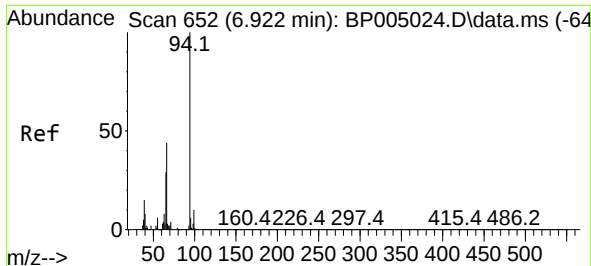
Tgt Ion: 99 Resp: 136848
Ion Ratio Lower Upper
99 100
42 14.7 8.6 13.0#
71 42.0 23.4 35.2#



#9
Benzaldehyde
Concen: 95.91 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.000 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

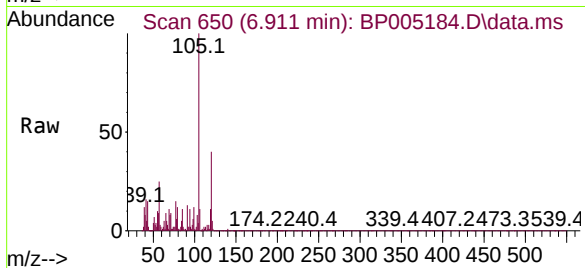
Tgt Ion: 77 Resp: 127609
Ion Ratio Lower Upper
77 100
105 796.9 97.1 137.1#
106 69.2 93.7 133.7#



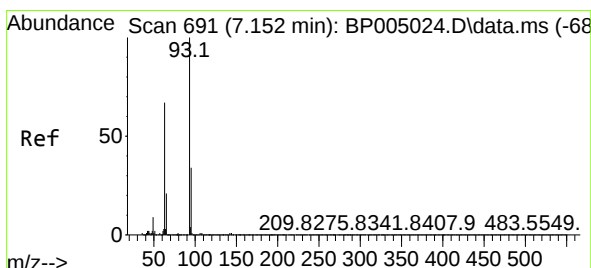
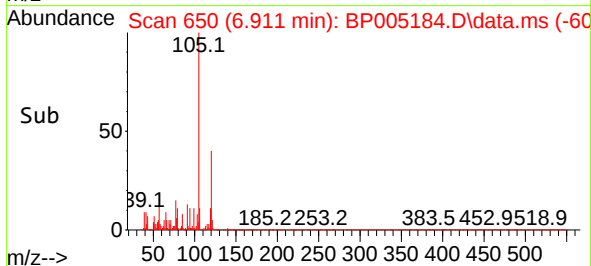
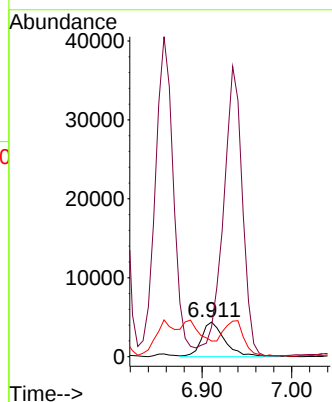


#10
Phenol
Concen: 2.94 ng
RT: 6.911 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Instrument :
BNA_P
ClientSampleId :
B4-8-10

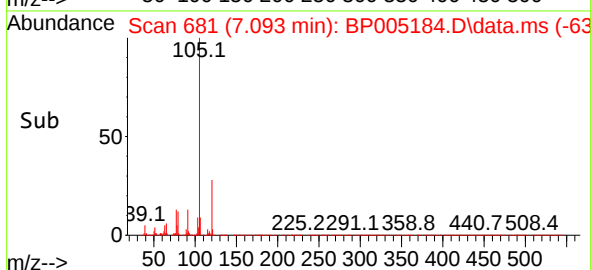
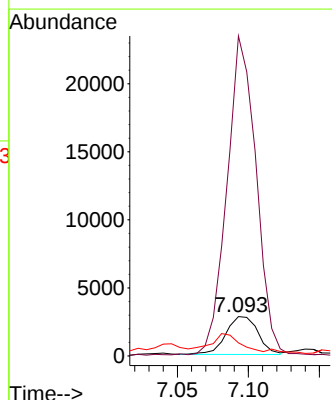
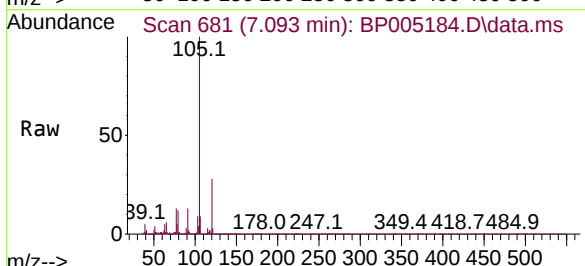


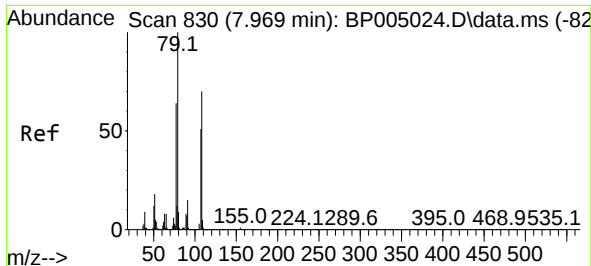
Tgt Ion: 94 Resp: 7863
Ion Ratio Lower Upper
94 100
65 85.7 2.3 42.3#
66 45.2 10.9 50.9



#11
bis(2-Chloroethyl)ether
Concen: 2.23 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.047 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion: 93 Resp: 4373
Ion Ratio Lower Upper
93 100
63 811.3 39.0 79.0#
95 33.4 12.8 52.8

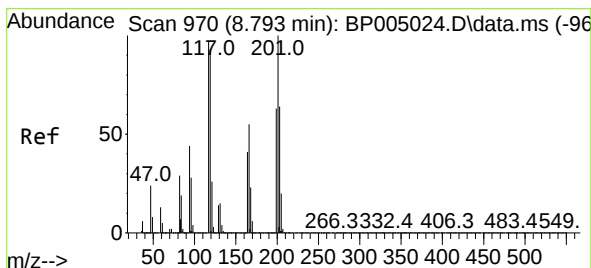
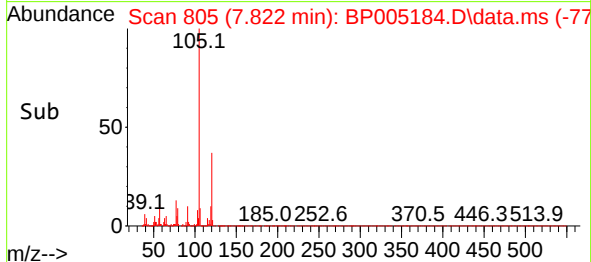
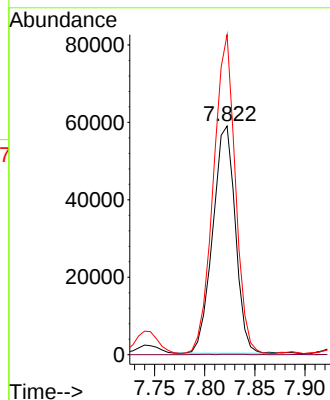
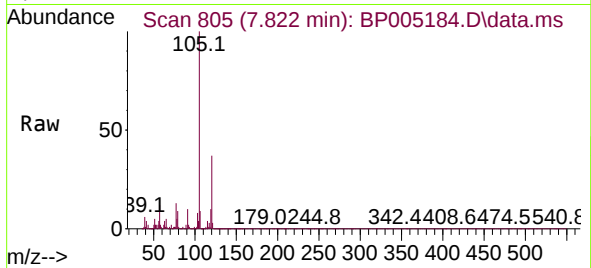




#15
Benzyl Alcohol
Concen: 45.55 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.129 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

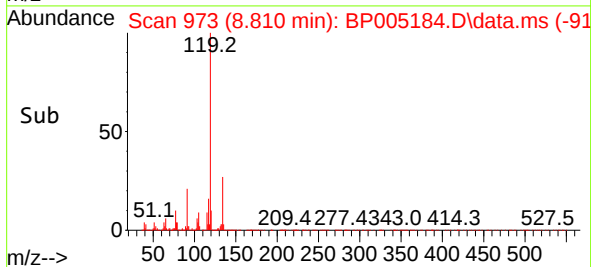
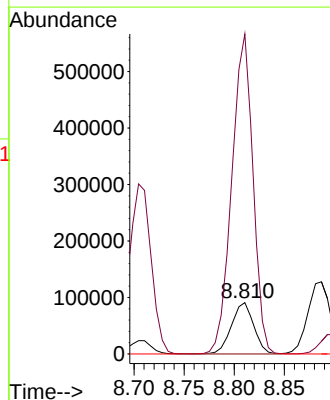
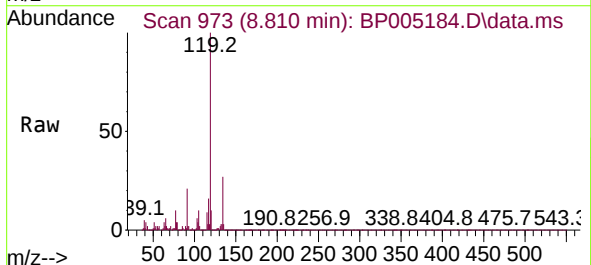
Instrument :
BNA_P
ClientSampleId :
B4-8-10

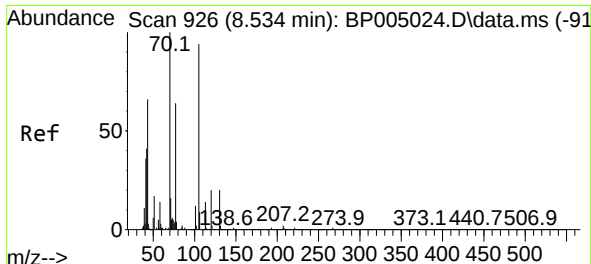
Tgt Ion: 79 Resp: 91806
Ion Ratio Lower Upper
79 100
108 0.1 73.5 110.3#
77 139.9 50.3 75.5#



#18
Hexachloroethane
Concen: 169.66 ng
RT: 8.810 min Scan# 973
Delta R.T. 0.035 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion: 117 Resp: 140279
Ion Ratio Lower Upper
117 100
119 623.3 78.8 118.2#
201 0.0 92.3 138.5#

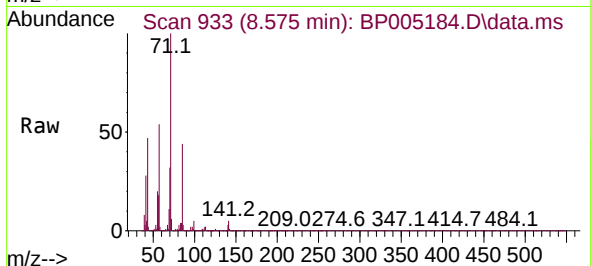




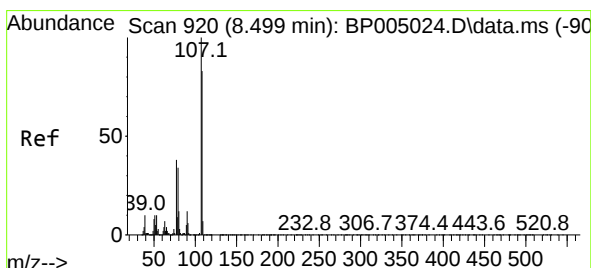
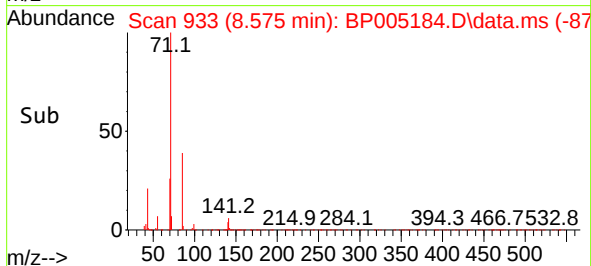
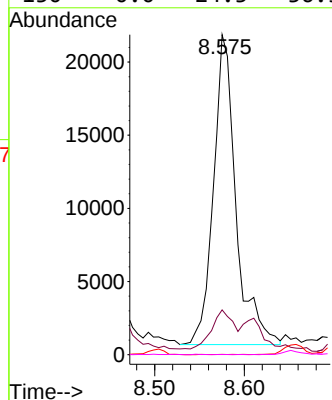
#19

n-Nitroso-di-n-propylamine
Concen: 21.74 ng
RT: 8.575 min Scan# 933
Delta R.T. 0.053 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Instrument :
BNA_P
ClientSampleId :
B4-8-10



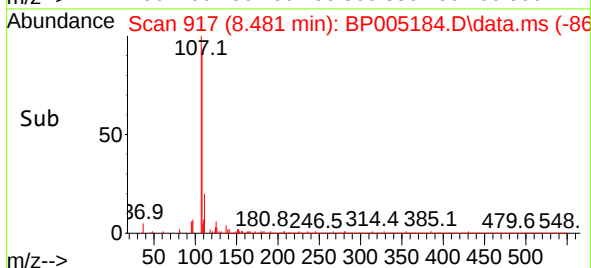
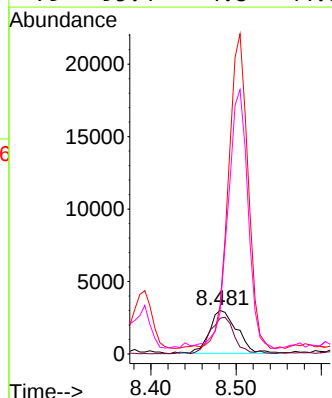
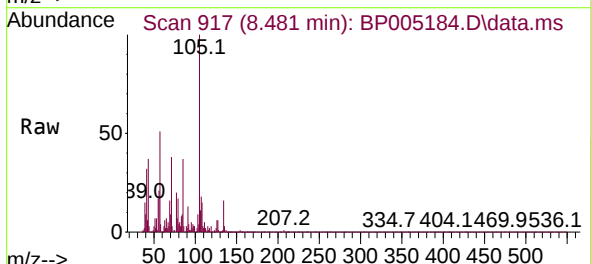
Tgt Ion:	70	Resp:	36843
Ion	Ratio	Lower	Upper
70	100		
42	14.0	32.8	49.2#
101	0.1	9.6	14.4#
130	0.0	24.3	36.5#

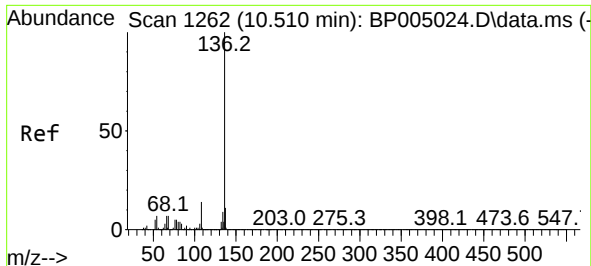


#20

3+4-Methylphenols
Concen: 2.85 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion:	107	Resp:	6655
Ion	Ratio	Lower	Upper
107	100		
108	81.7	69.0	109.0
77	110.9	8.5	48.5#
79	95.4	4.8	44.8#

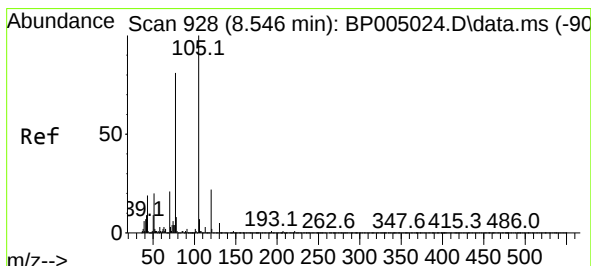
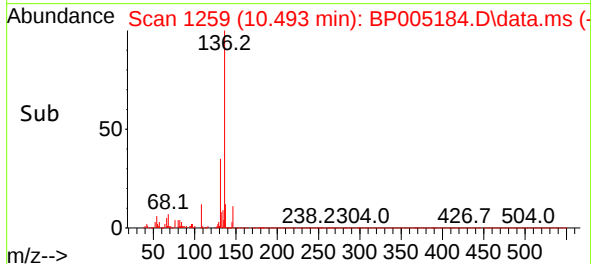
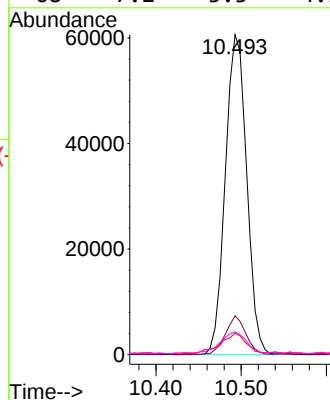
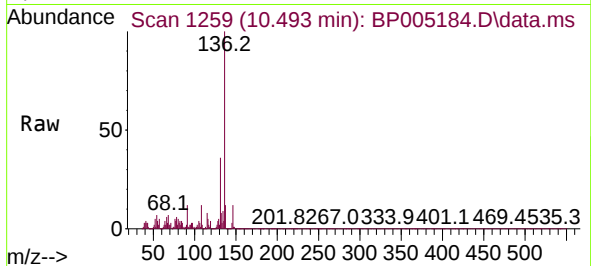




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

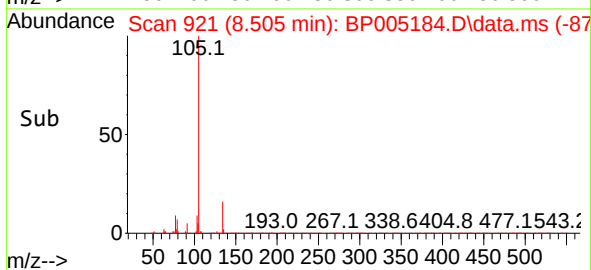
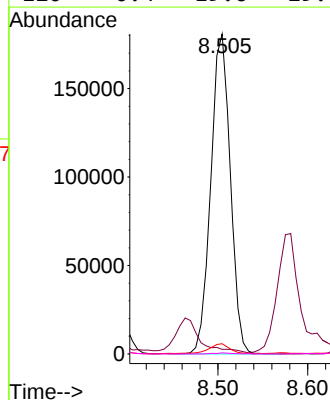
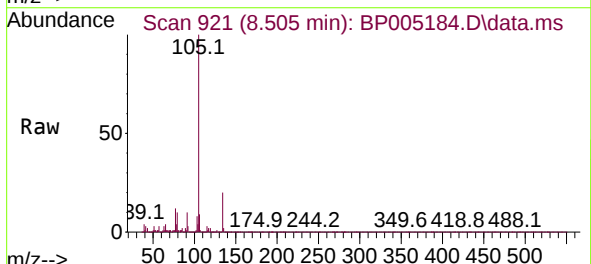
Instrument :
BNA_P
ClientSampled :
B4-8-10

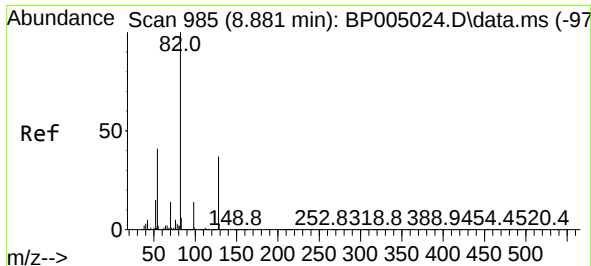
Tgt Ion:	136	Resp:	105718
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.6	13.0
54	6.7	3.6	5.4#
68	7.2	3.3	4.9#



#22
Acetophenone
Concen: 89.80 ng
RT: 8.505 min Scan# 921
Delta R.T. -0.029 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion:	105	Resp:	272918
Ion Ratio	Lower	Upper	
105	100		
71	1.5	2.6	3.8#
51	3.2	13.5	20.3#
120	0.4	19.6	29.4#





#23

Nitrobenzene-d5

Concen: 58.18 ng

RT: 8.863 min Scan# 982

Delta R.T. -0.006 min

Lab File: BP005184.D

Acq: 05 Apr 2021 18:13

Tgt Ion: 82 Resp: 143351

Ion Ratio Lower Upper

82 100

128 37.7 45.6 68.4#

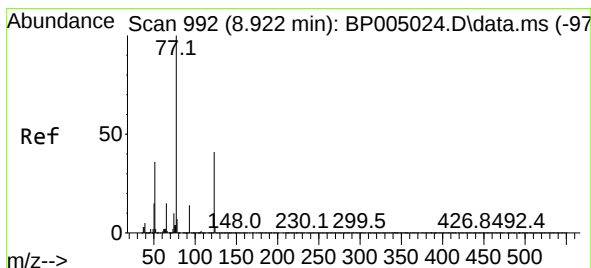
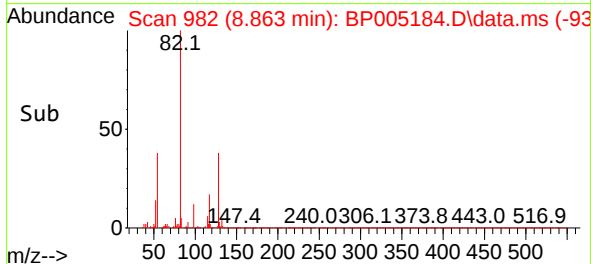
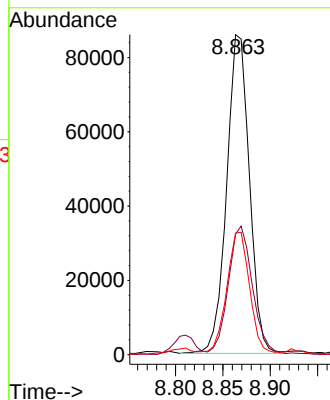
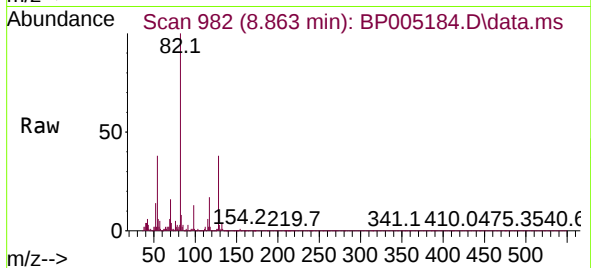
54 38.0 30.1 45.1

Instrument :

BNA_P

ClientSampleId :

B4-8-10



#24

Nitrobenzene

Concen: 7.03 ng

RT: 8.887 min Scan# 986

Delta R.T. -0.024 min

Lab File: BP005184.D

Acq: 05 Apr 2021 18:13

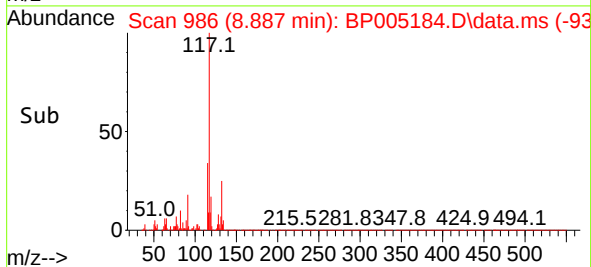
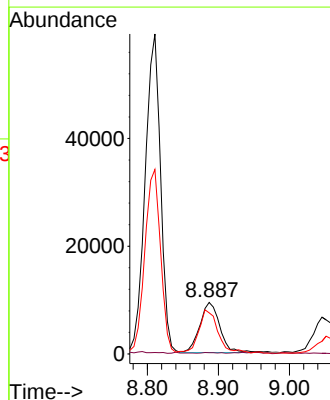
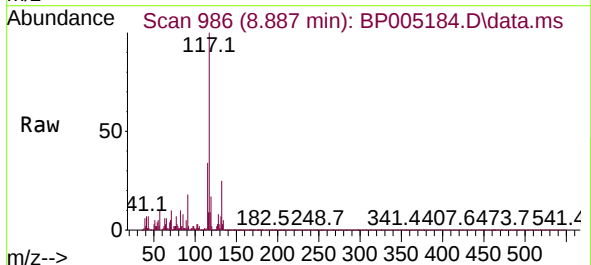
Tgt Ion: 77 Resp: 18261

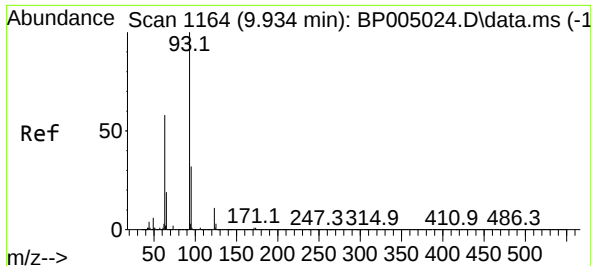
Ion Ratio Lower Upper

77 100

123 2.5 48.6 72.8#

65 79.9 10.0 15.0#

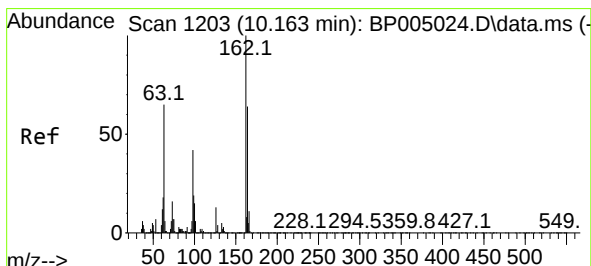
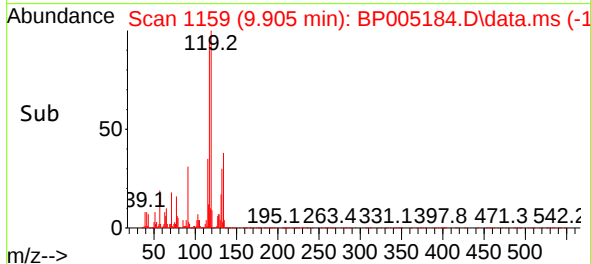
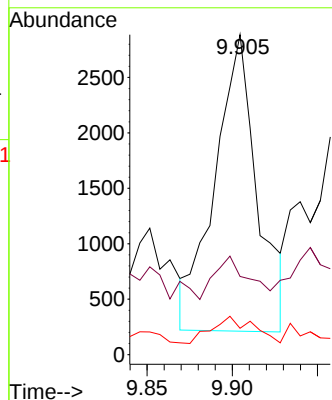
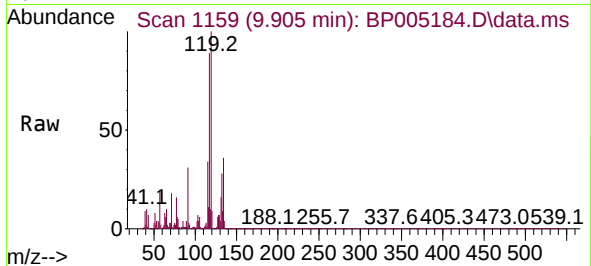




#28
bis(2-Chloroethoxy)methane
Concen: 2.00 ng
RT: 9.905 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

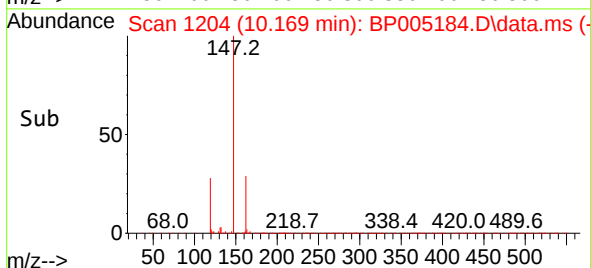
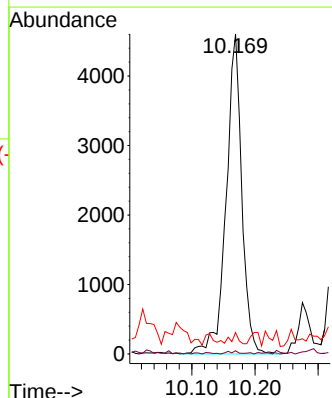
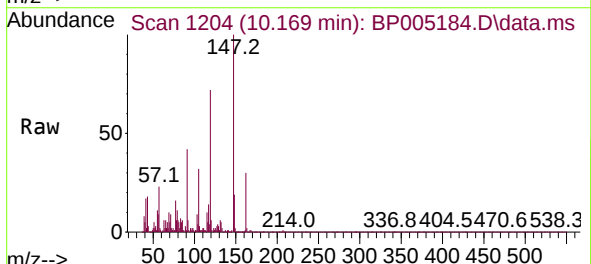
Instrument :
BNA_P
ClientSampleId :
B4-8-10

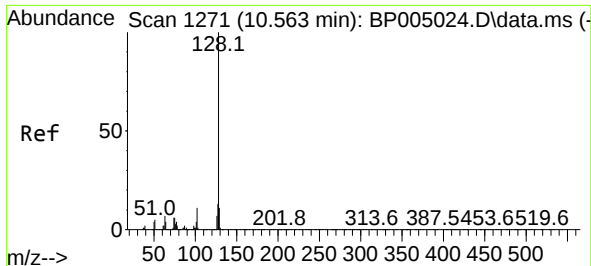
Tgt Ion: 93 Resp: 4614
Ion Ratio Lower Upper
93 100
95 24.4 26.7 40.1#
123 8.2 10.5 15.7#



#29
2,4-Dichlorophenol
Concen: 4.37 ng
RT: 10.169 min Scan# 1204
Delta R.T. 0.018 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion: 162 Resp: 7925
Ion Ratio Lower Upper
162 100
164 1.0 45.8 85.8#
98 6.7 10.2 50.2#

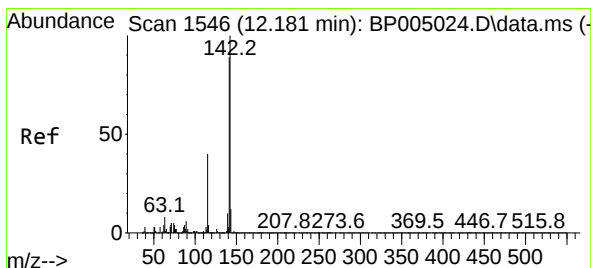
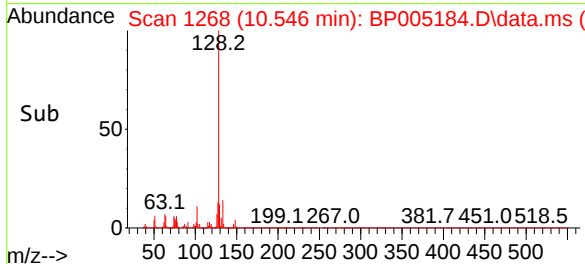
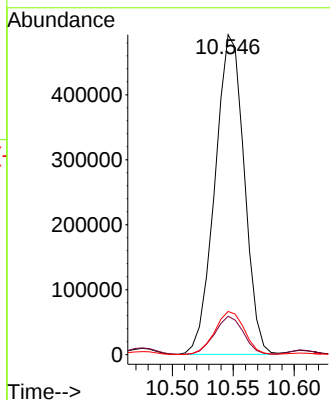
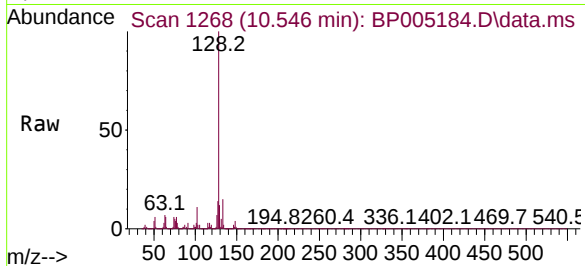




#31
Naphthalene
Concen: 137.89 ng
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

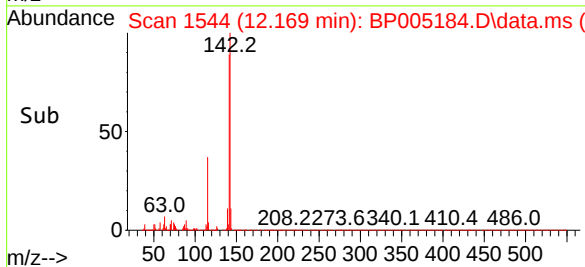
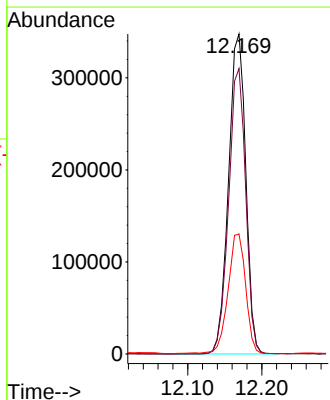
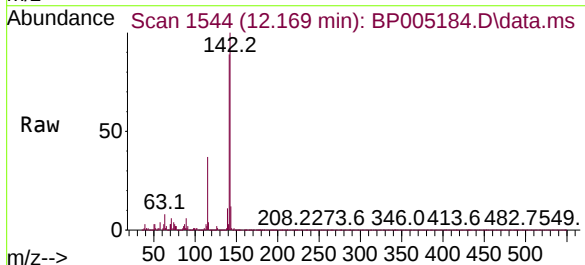
Instrument :
BNA_P
ClientSampled :
B4-8-10

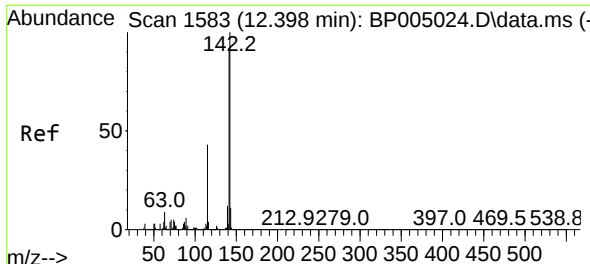
Tgt Ion:128 Resp: 823473
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 13.5 10.6 15.8



#37
2-Methylnaphthalene
Concen: 130.07 ng
RT: 12.169 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion:142 Resp: 560900
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2
115 37.5 25.8 38.6

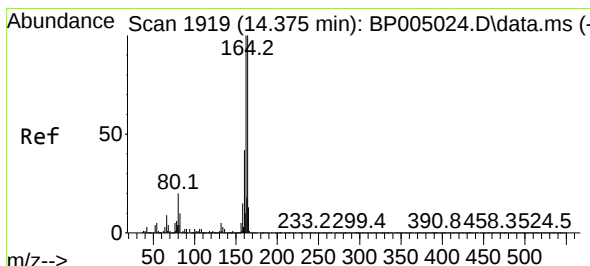
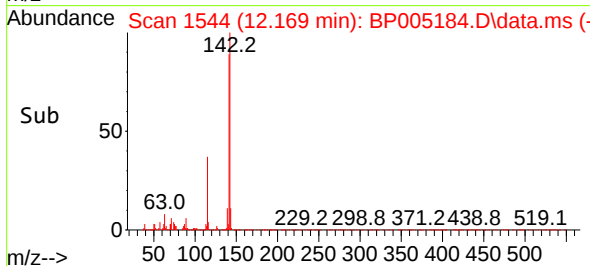
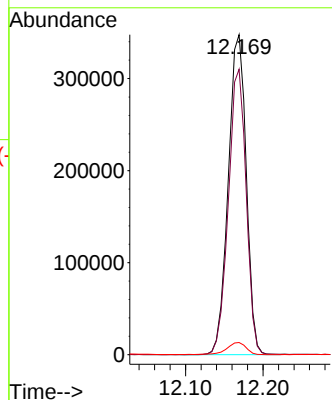
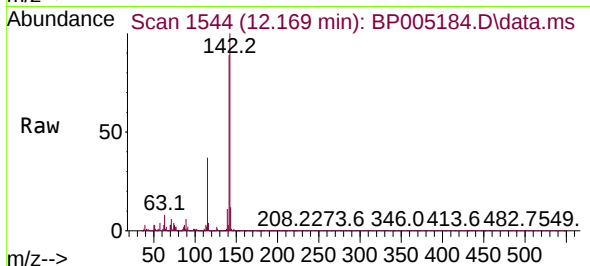




#38
1-Methylnaphthalene
Concen: 138.75 ng
RT: 12.169 min Scan# 1544
Delta R.T. -0.218 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

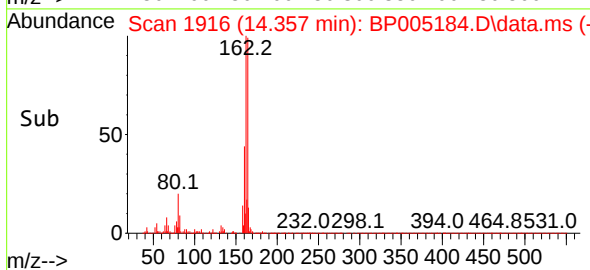
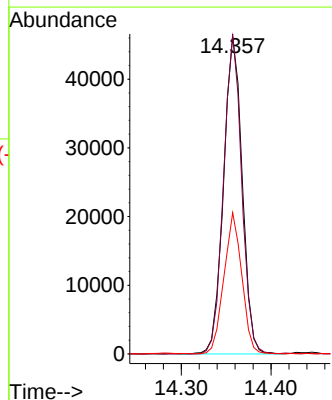
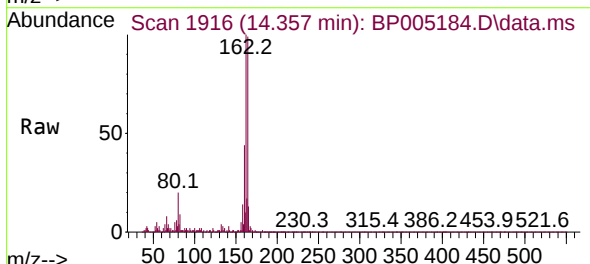
Instrument :
BNA_P
ClientSampleId :
B4-8-10

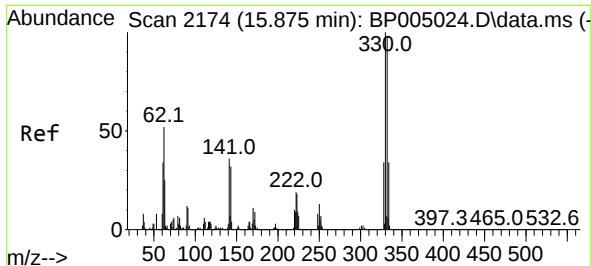
Tgt Ion:142 Resp: 560856
Ion Ratio Lower Upper
142 100
141 89.2 74.4 111.6
116 3.8 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion:164 Resp: 66649
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.2
160 44.5 36.1 54.1

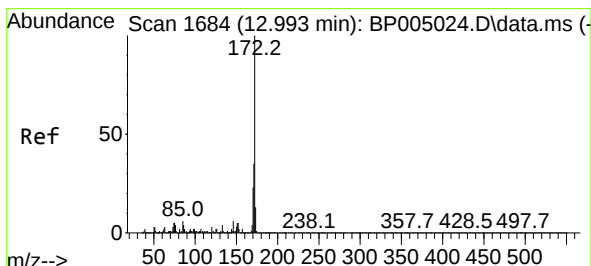
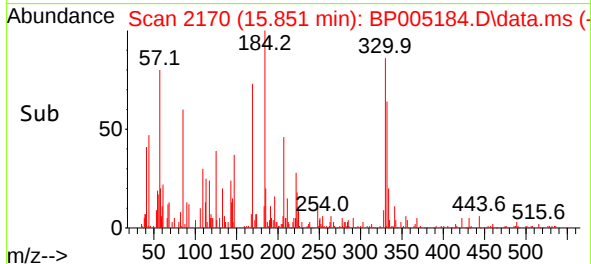
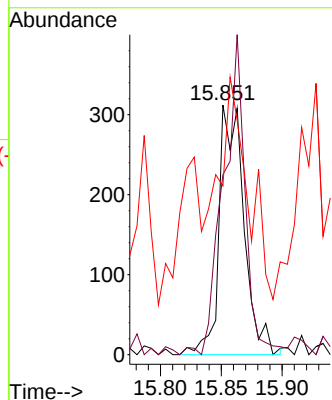
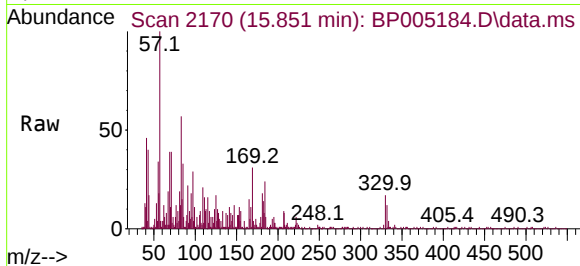




#42
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

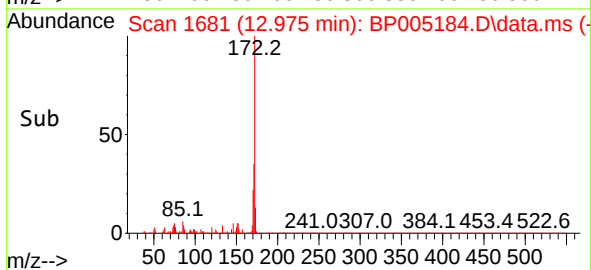
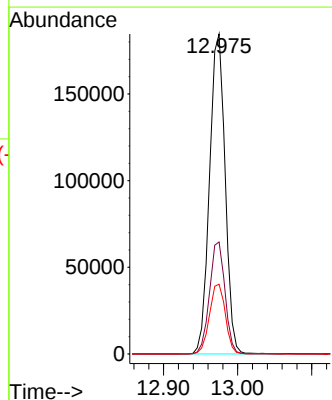
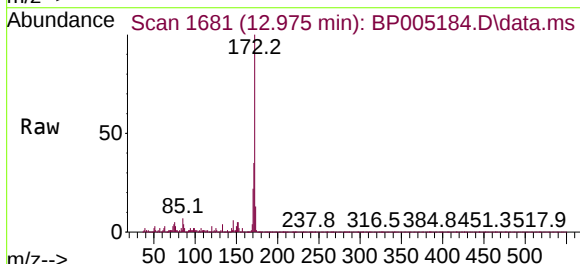
Instrument :
BNA_P
ClientSampled :
B4-8-10

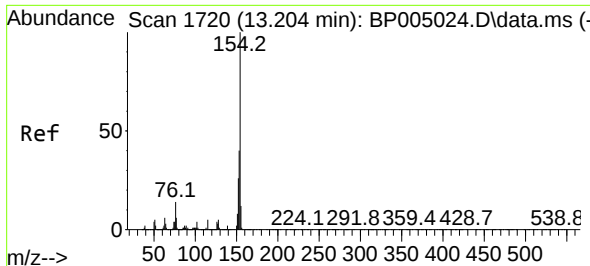
Tgt Ion:330 Resp: 445
Ion Ratio Lower Upper
330 100
332 112.8 77.1 115.7
141 97.3 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 54.73 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion:172 Resp: 269671
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 21.8 19.2 28.8

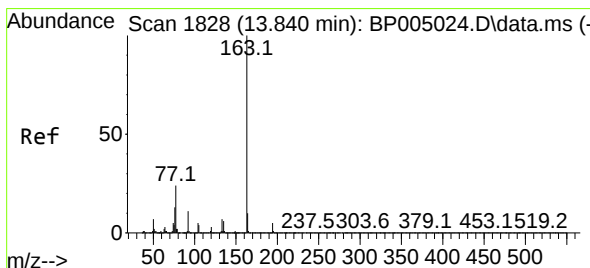
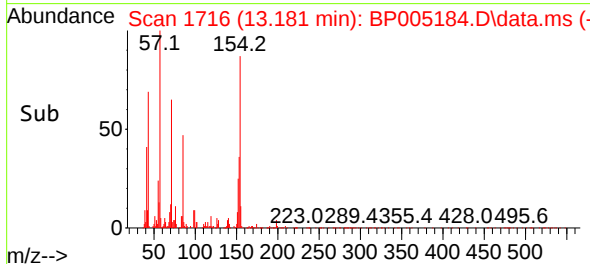
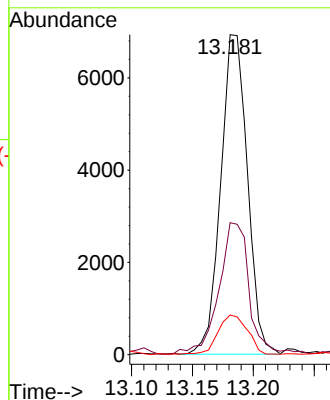
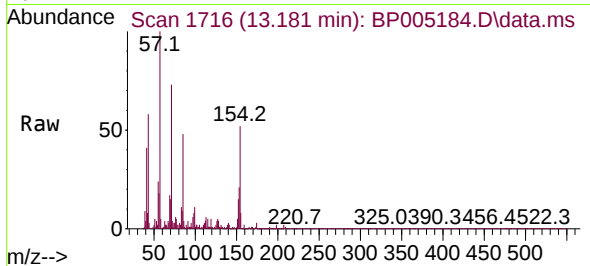




#46
1,1'-Biphenyl
Concen: 2.08 ng
RT: 13.181 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

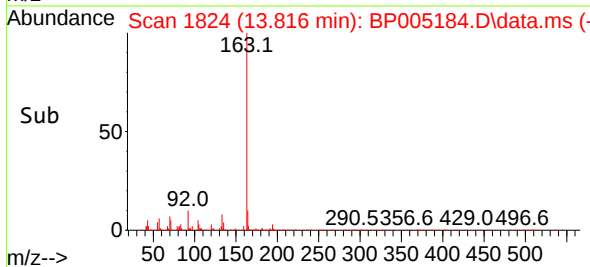
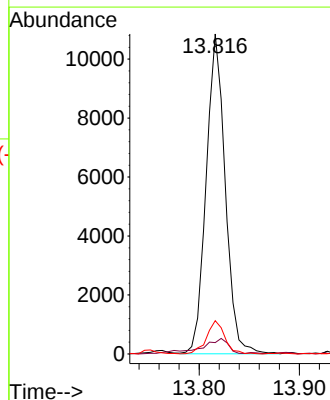
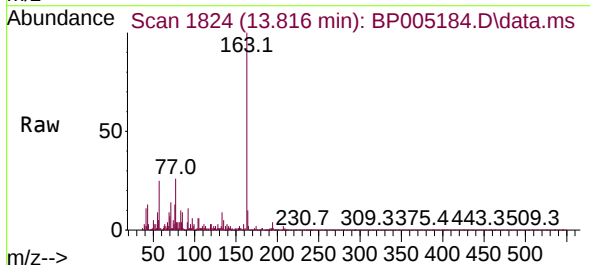
Instrument :
BNA_P
ClientSampled :
B4-8-10

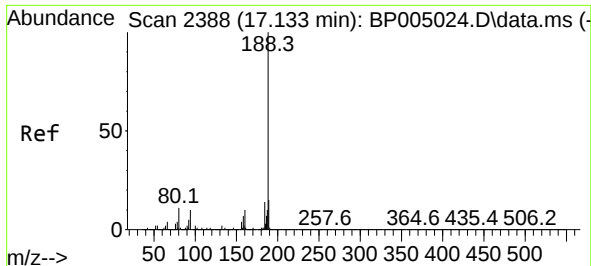
Tgt Ion:	154	Resp:	10577
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.4	60.4
76	12.4	0.0	29.3



#50
Dimethylphthalate
Concen: 2.80 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion:	163	Resp:	14377
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.3	4.9
164	10.4	8.2	12.2

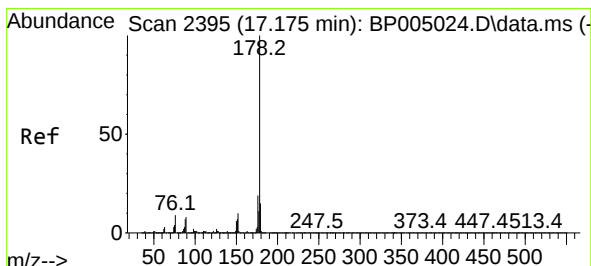
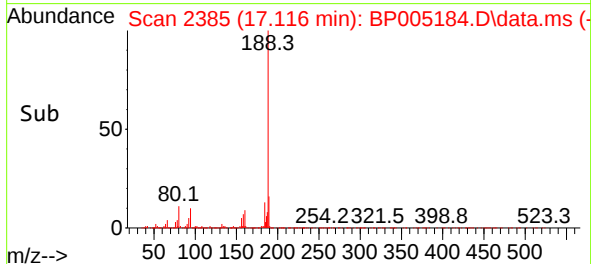
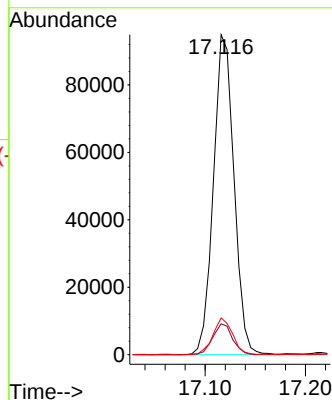
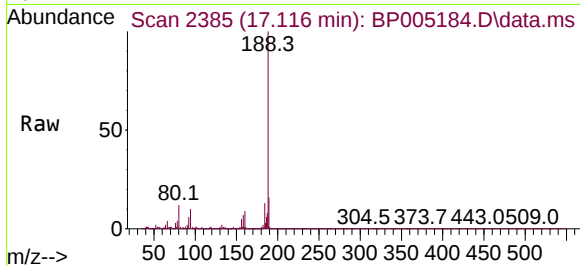




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

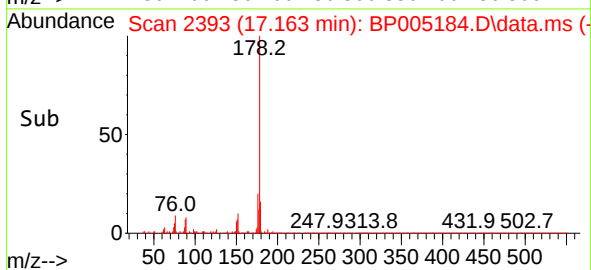
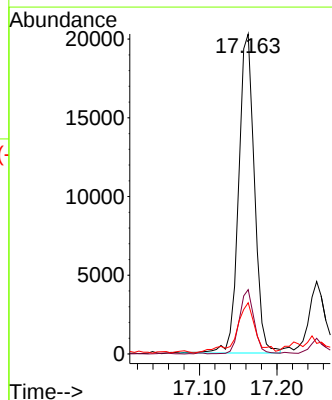
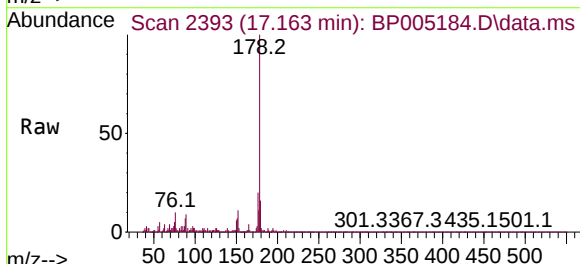
Instrument :
BNA_P
ClientSampleId :
B4-8-10

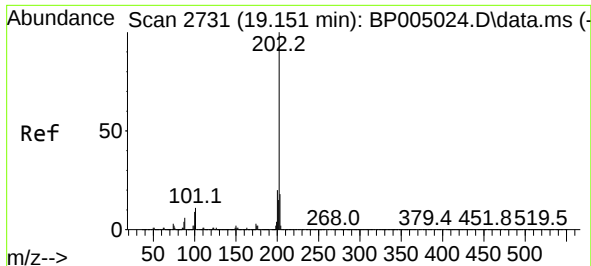
Tgt Ion:188 Resp: 134833
Ion Ratio Lower Upper
188 100
94 9.7 6.2 9.2#
80 11.5 6.2 9.2#



#71
Phenanthrene
Concen: 3.68 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion:178 Resp: 28773
Ion Ratio Lower Upper
178 100
176 20.1 15.3 22.9
179 16.0 12.5 18.7

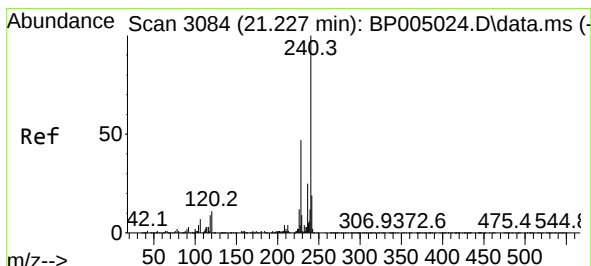
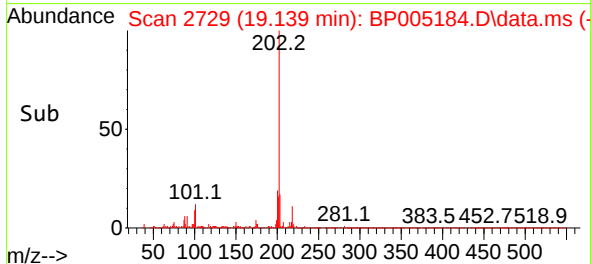
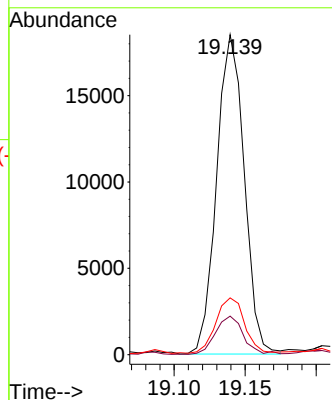
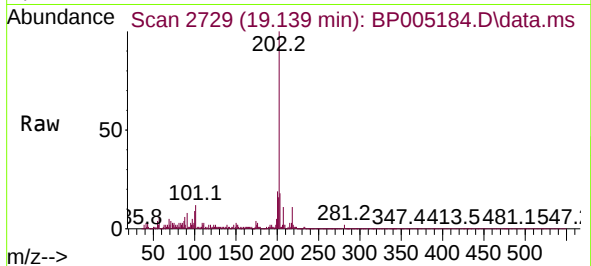




#75
Fluoranthene
Concen: 2.72 ng
RT: 19.139 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

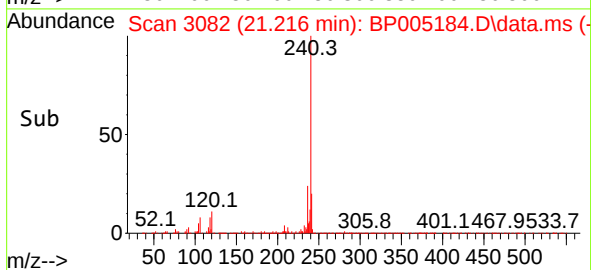
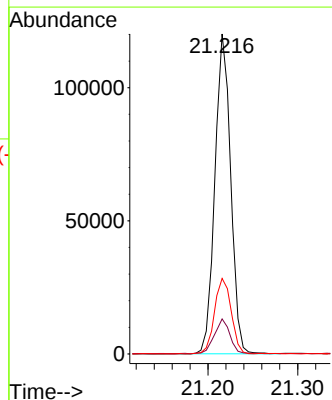
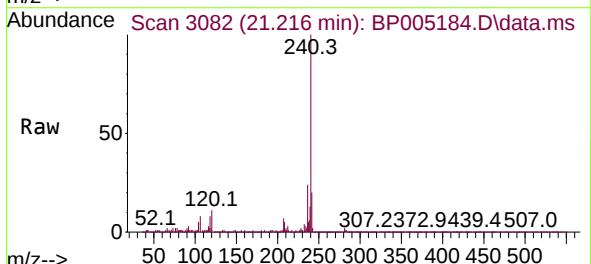
Instrument :
BNA_P
ClientSampleId :
B4-8-10

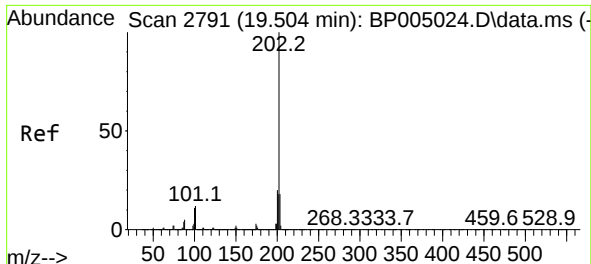
Tgt Ion:202	Resp:	24979
Ion Ratio	Lower	Upper
202	100	
101	12.1	0.0 29.4
203	17.7	0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

Tgt Ion:240	Resp:	146761
Ion Ratio	Lower	Upper
240	100	
120	10.9	7.8 11.6
236	23.6	20.8 31.2

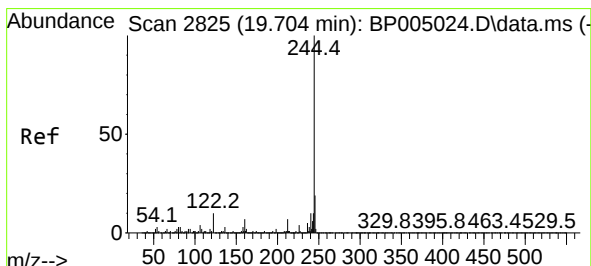
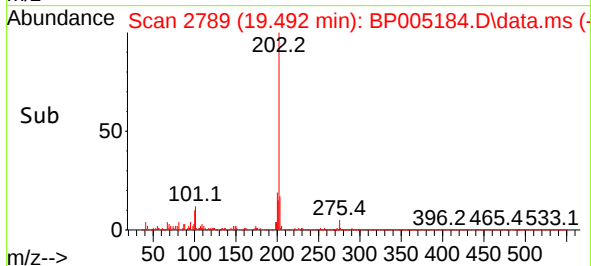
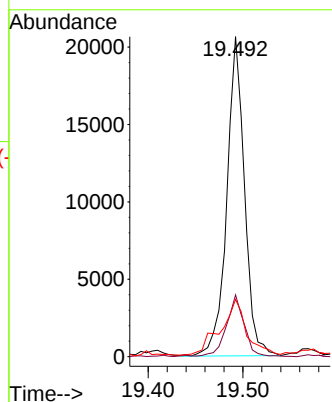
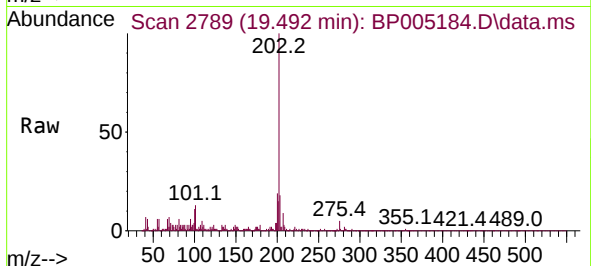




#78
Pyrene
Concen: 2.66 ng
RT: 19.492 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

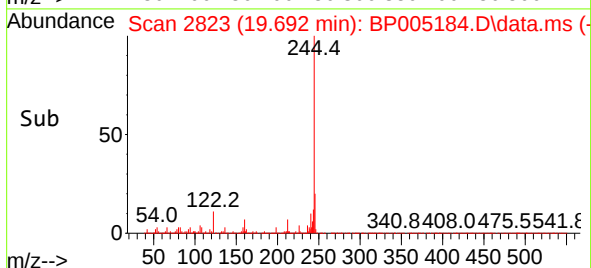
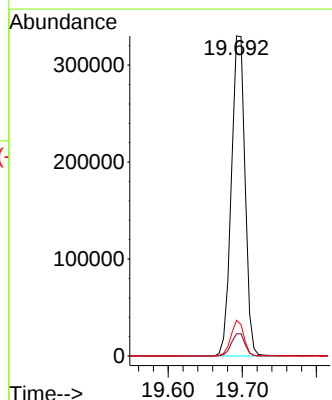
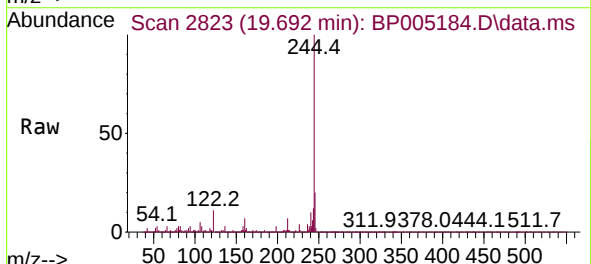
Instrument :
BNA_P
ClientSampled :
B4-8-10

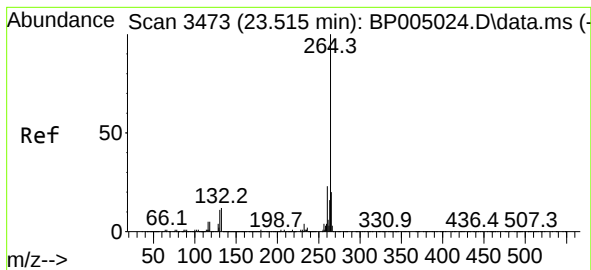
Tgt Ion:202 Resp: 26839
Ion Ratio Lower Upper
202 100
200 19.3 17.1 25.7
203 17.9 14.2 21.2



#79
Terphenyl-d14
Concen: 52.34 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP005184.D
Acq: 05 Apr 2021 18:13

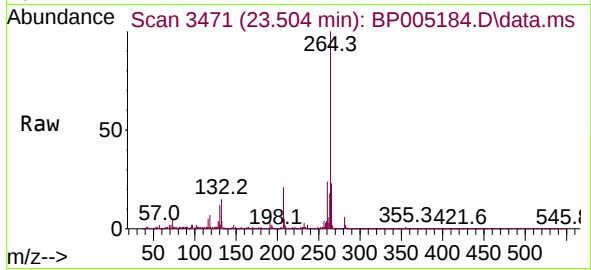
Tgt Ion:244 Resp: 421941
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 11.2 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.504 min Scan# 3471
 Delta R.T. -0.006 min
 Lab File: BP005184.D
 Acq: 05 Apr 2021 18:13

Instrument :
 BNA_P
 ClientSampleId :
 B4-8-10



Tgt Ion:264 Resp: 150789

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.7	17.4	26.2

