

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
 Data File : BP005201.D
 Acq On : 06 Apr 2021 17:43
 Operator : CG/JU
 Sample : M1931-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-5

Quant Time: Apr 06 18:24:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

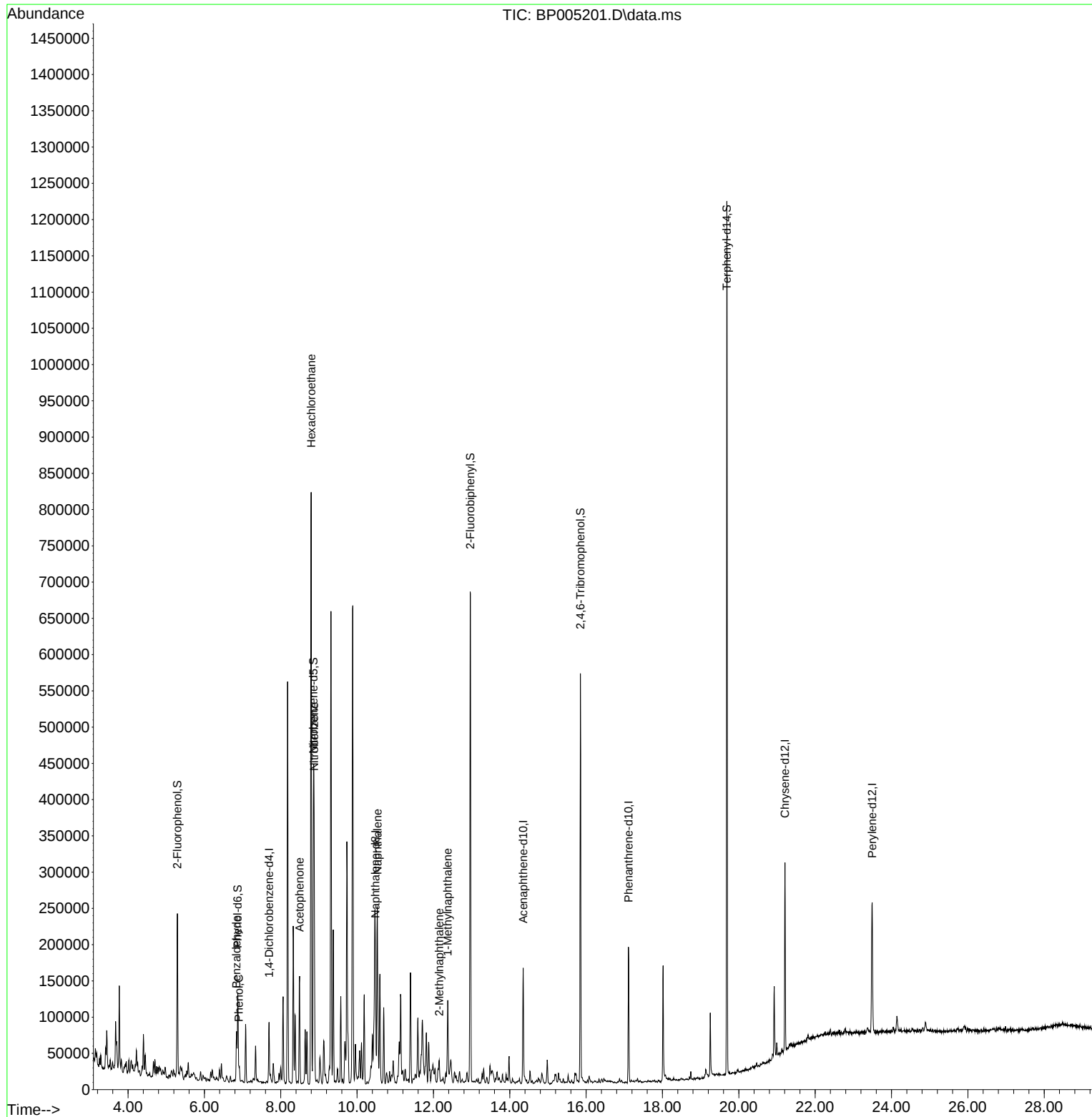
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	20920	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	81964	20.00	ng	#-0.02
39) Acenaphthene-d10	14.351	164	49794	20.00	ng	-0.01
64) Phenanthrene-d10	17.110	188	104746	20.00	ng	#-0.02
76) Chrysene-d12	21.210	240	116989	20.00	ng	-0.02
86) Perylene-d12	23.492	264	124464	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	91697	67.45	ng	-0.01
7) Phenol-d6	6.875	99	70702	36.31	ng	-0.01
23) Nitrobenzene-d5	8.858	82	184999	96.84	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	91807	141.51	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	347342	94.36	ng	-0.01
79) Terphenyl-d14	19.686	244	523555	81.47	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.840	77	5579	5.63	ng	# 1
10) Phenol	6.905	94	5888	2.95	ng	84
18) Hexachloroethane	8.799	117	67449	109.44	ng	# 1
22) Acetophenone	8.493	105	101855	43.23	ng	# 61
24) Nitrobenzene	8.875	77	11797	5.86	ng	# 1
31) Naphthalene	10.534	128	14977	3.23	ng	# 40
37) 2-Methylnaphthalene	12.151	142	9848	2.95	ng	# 89
38) 1-Methylnaphthalene	12.375	142	41519	13.25	ng	99

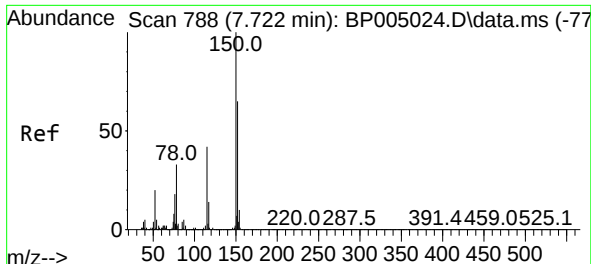
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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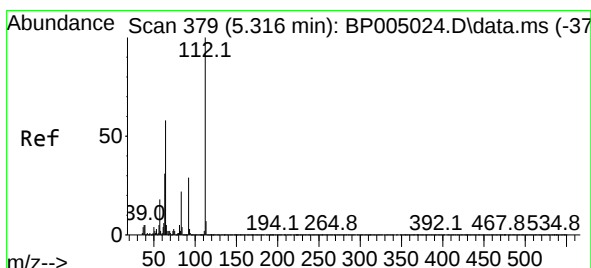
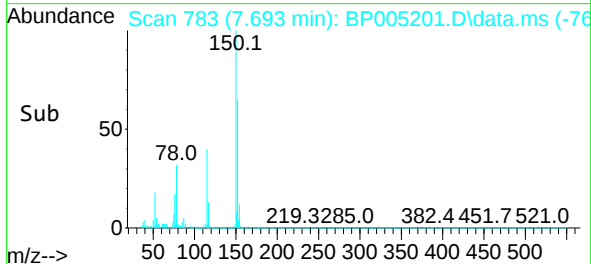
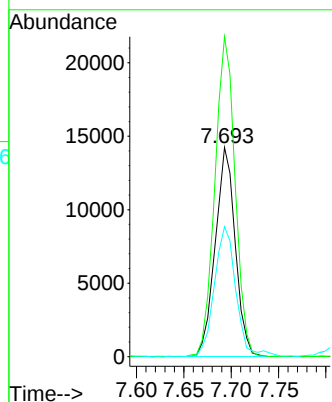
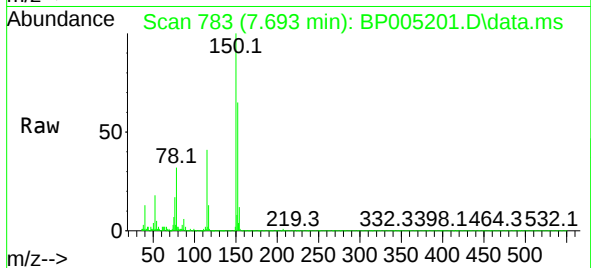




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.012 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

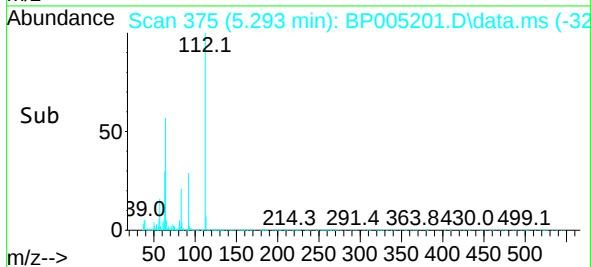
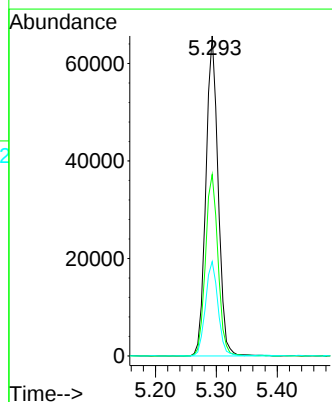
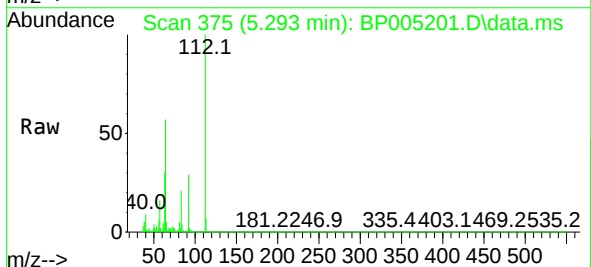
Instrument :
BNA_P
ClientSampleId :
MW-5

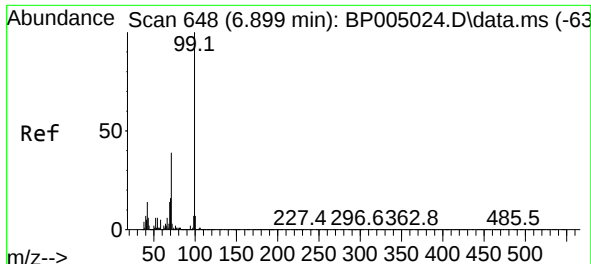
Tgt Ion:152 Resp: 20920
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 62.1 43.8 65.6



#5
2-Fluorophenol
Concen: 67.45 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.012 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

Tgt Ion:112 Resp: 91697
Ion Ratio Lower Upper
112 100
64 56.7 32.8 49.2#
63 29.5 17.0 25.4#

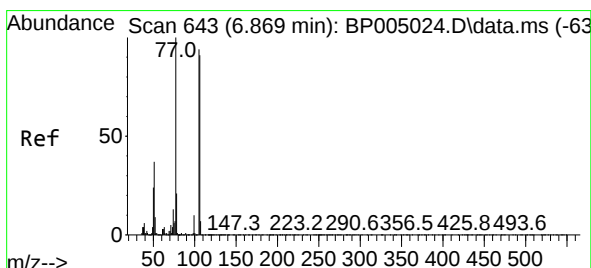
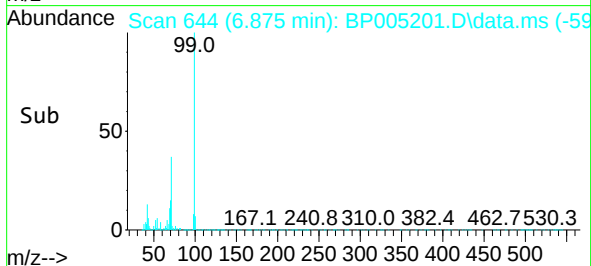
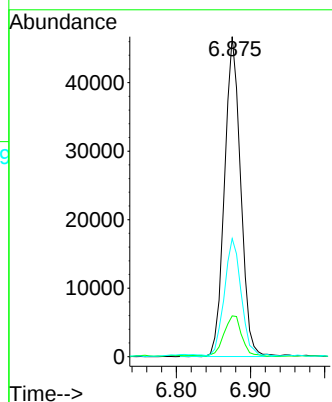
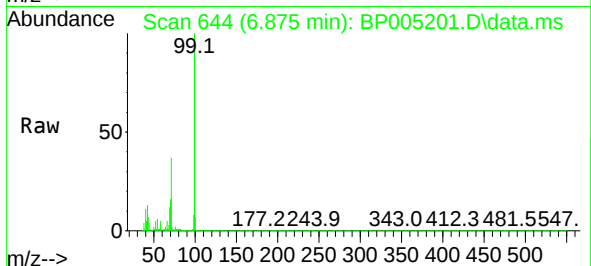




#7
Phenol-d6
Concen: 36.31 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.012 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

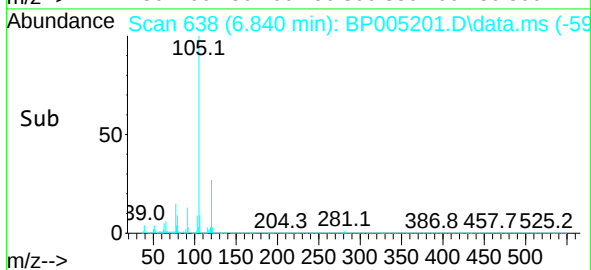
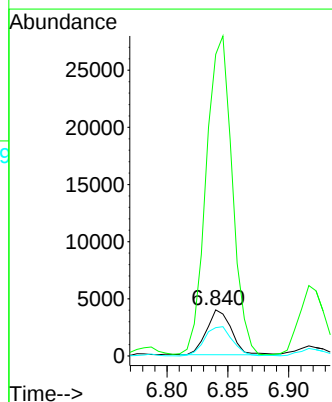
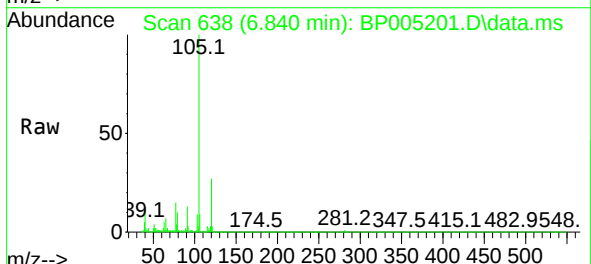
Instrument :
BNA_P
ClientSampleId :
MW-5

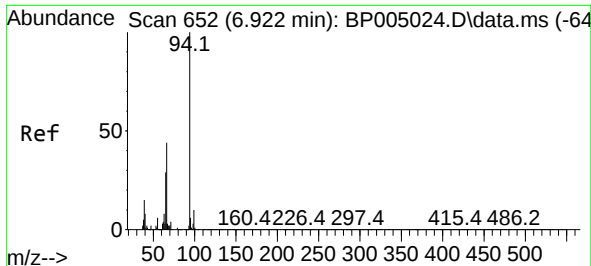
Tgt Ion: 99 Resp: 70702
Ion Ratio Lower Upper
99 100
42 12.8 8.6 13.0
71 36.9 23.4 35.2#



#9
Benzaldehyde
Concen: 5.63 ng
RT: 6.840 min Scan# 638
Delta R.T. -0.018 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

Tgt Ion: 77 Resp: 5579
Ion Ratio Lower Upper
77 100
105 655.0 97.1 137.1#
106 61.5 93.7 133.7#

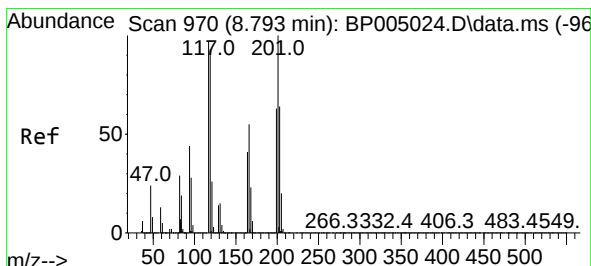
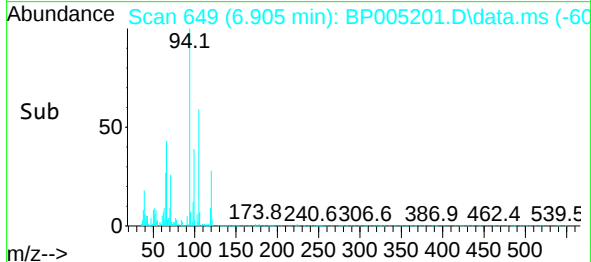
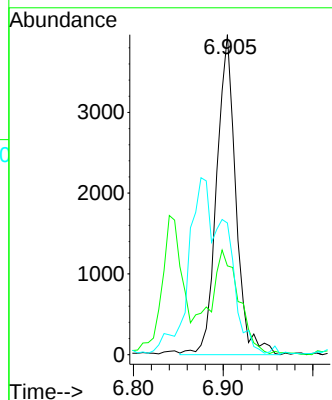
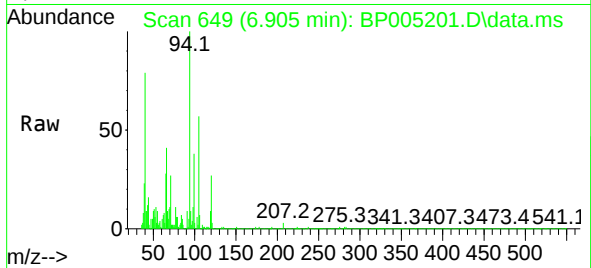




#10
Phenol
Concen: 2.95 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.012 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

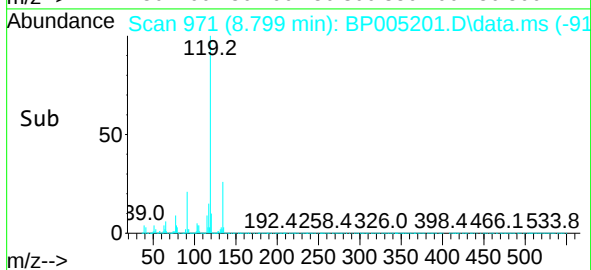
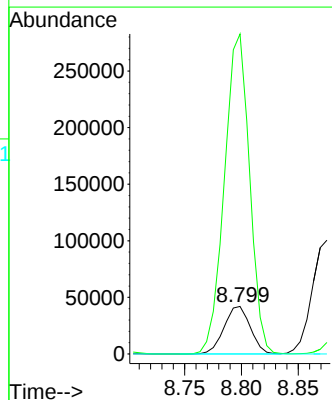
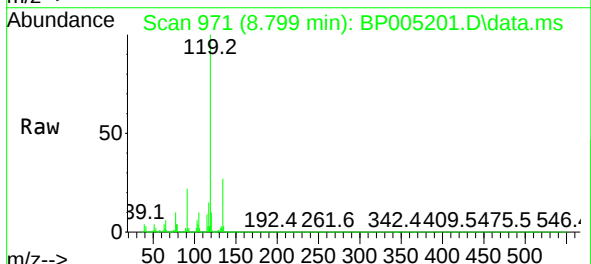
Instrument :
BNA_P
ClientSampleId :
MW-5

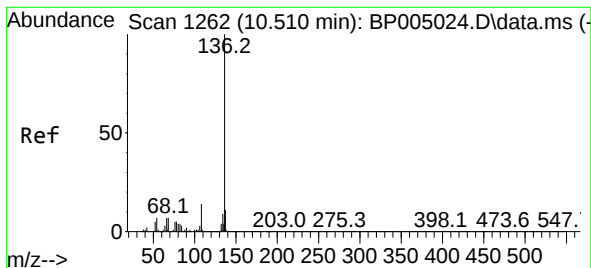
Tgt Ion: 94 Resp: 5888
Ion Ratio Lower Upper
94 100
65 27.7 2.3 42.3
66 41.2 10.9 50.9



#18
Hexachloroethane
Concen: 109.44 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.023 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

Tgt Ion: 117 Resp: 67449
Ion Ratio Lower Upper
117 100
119 673.3 78.8 118.2#
201 0.0 92.3 138.5#

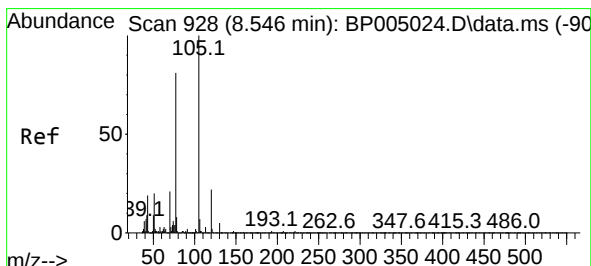
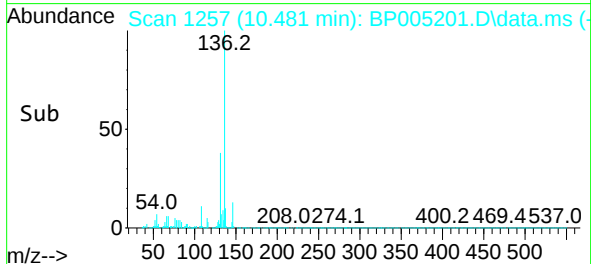
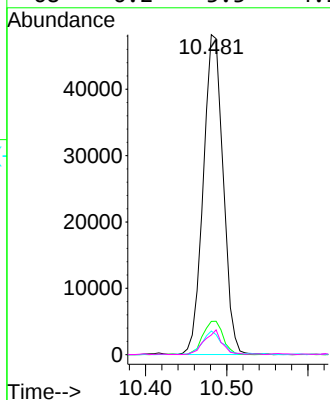
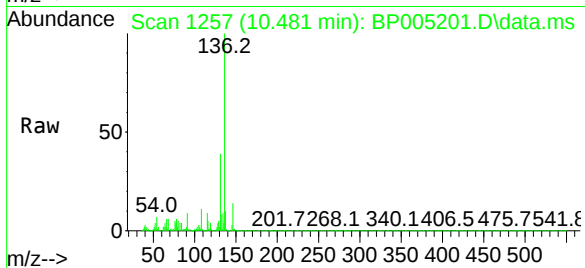




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

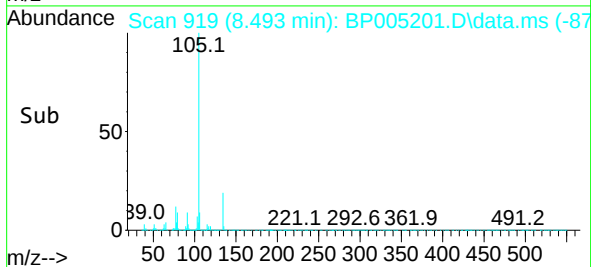
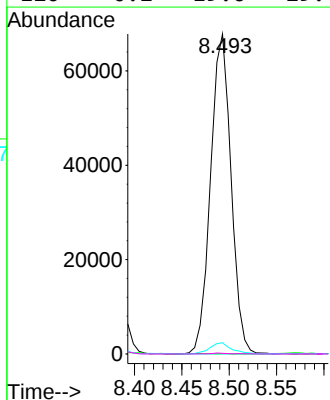
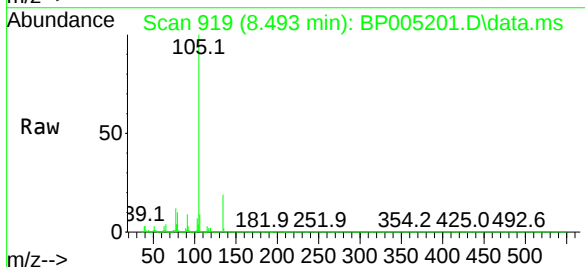
Instrument :
BNA_P
ClientSampleId :
MW-5

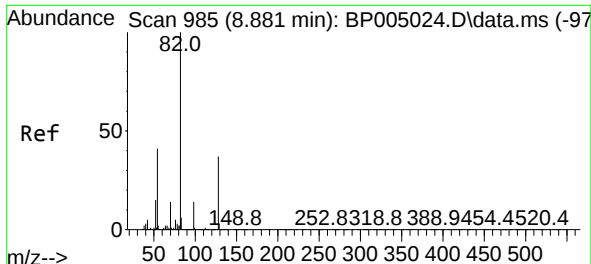
Tgt Ion:	136	Resp:	81964
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.6	13.0
54	7.4	3.6	5.4#
68	6.2	3.3	4.9#



#22
Acetophenone
Concen: 43.23 ng
RT: 8.493 min Scan# 919
Delta R.T. -0.041 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

Tgt Ion:	105	Resp:	101855
Ion Ratio	Lower	Upper	
105	100		
71	0.1	2.6	3.8#
51	3.5	13.5	20.3#
120	0.2	19.6	29.4#

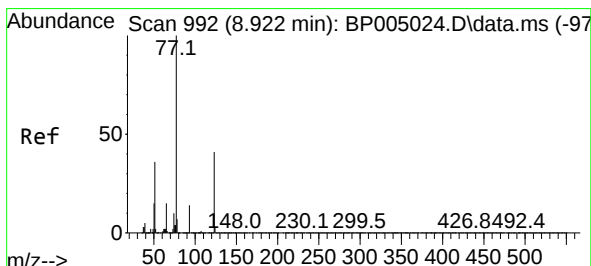
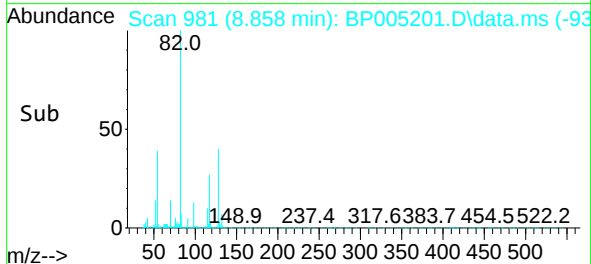
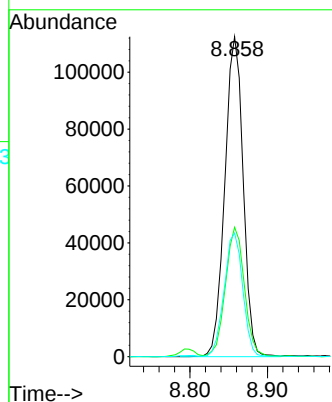
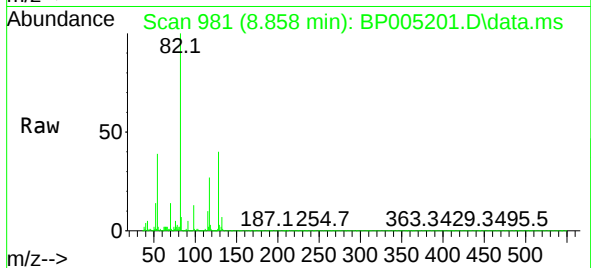




#23
Nitrobenzene-d5
Concen: 96.84 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

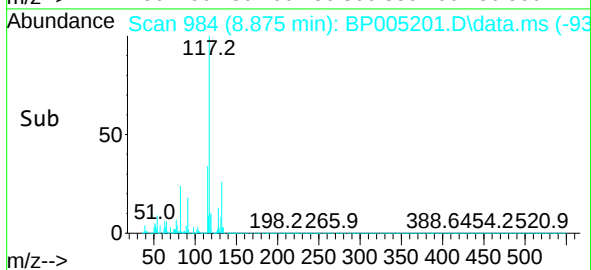
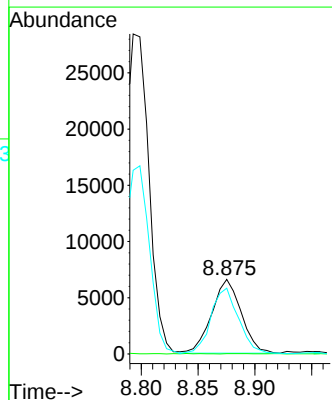
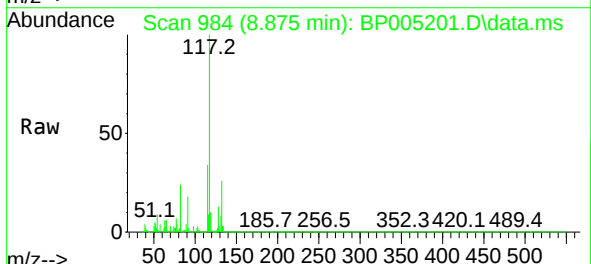
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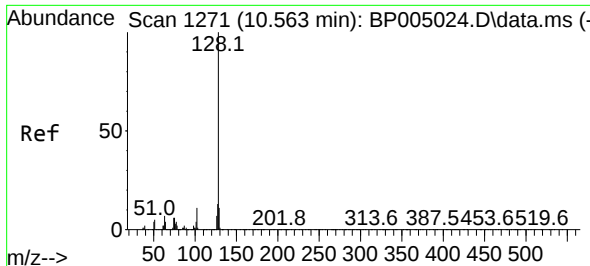
Tgt Ion: 82 Resp: 184999
Ion Ratio Lower Upper
82 100
128 40.4 45.6 68.4#
54 38.7 30.1 45.1



#24
Nitrobenzene
Concen: 5.86 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.035 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

Tgt Ion: 77 Resp: 11797
Ion Ratio Lower Upper
77 100
123 0.5 48.6 72.8#
65 88.2 10.0 15.0#

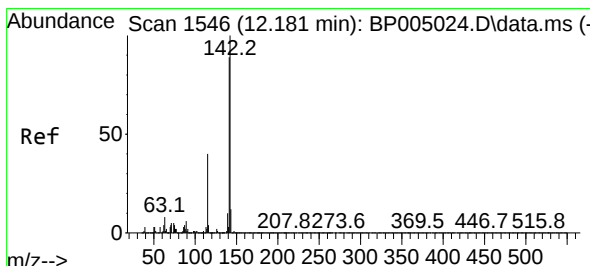
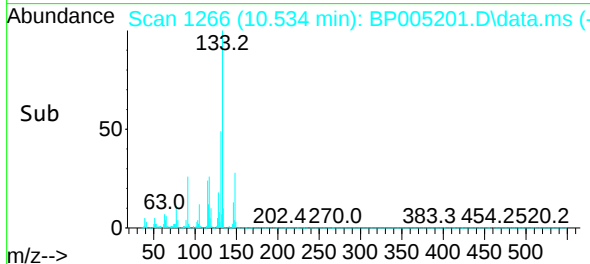
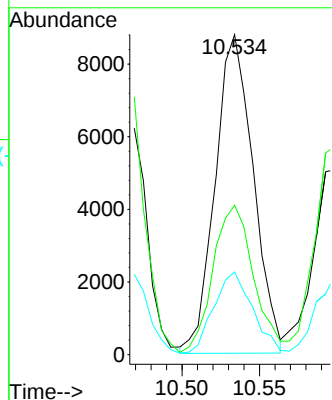
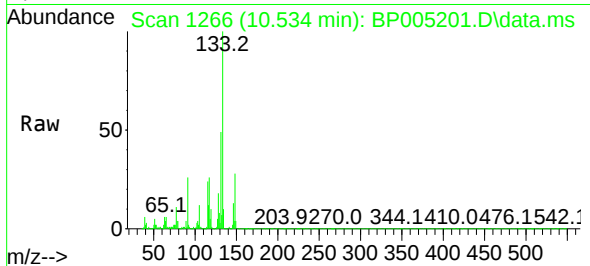




#31
Naphthalene
Concen: 3.23 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.018 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

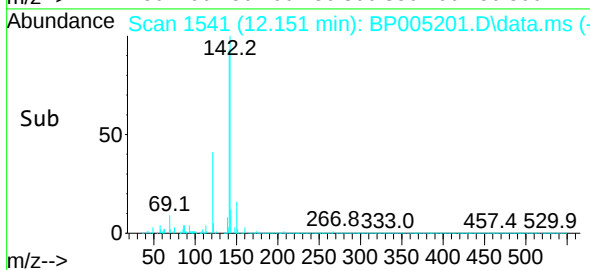
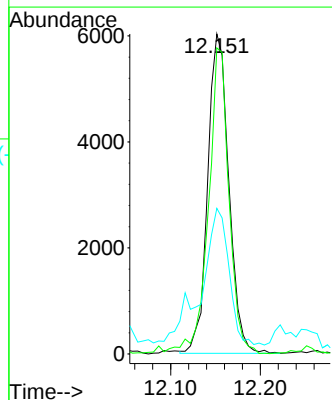
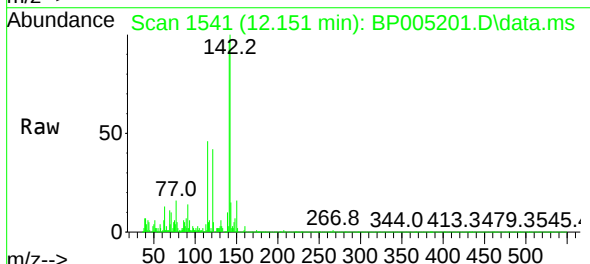
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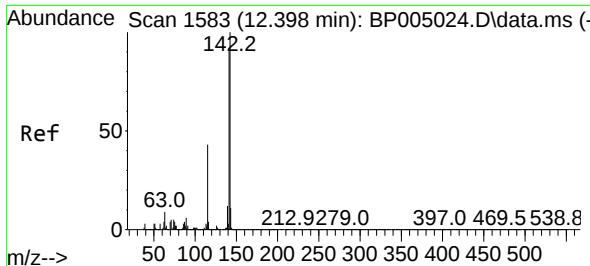
Tgt Ion:128 Resp: 14977
Ion Ratio Lower Upper
128 100
129 46.7 8.8 13.2#
127 25.9 10.6 15.8#



#37
2-Methylnaphthalene
Concen: 2.95 ng
RT: 12.151 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

Tgt Ion:142 Resp: 9848
Ion Ratio Lower Upper
142 100
141 95.7 71.4 107.2
115 45.5 25.8 38.6#

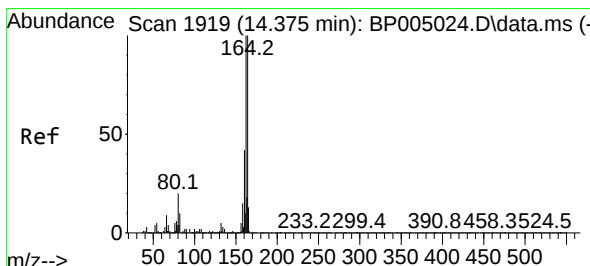
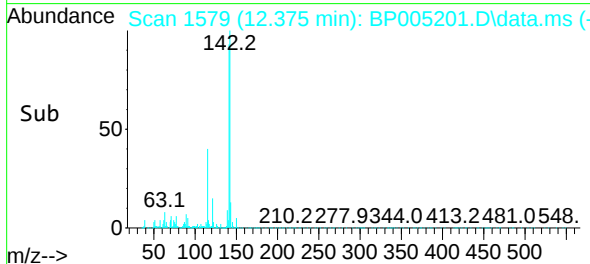
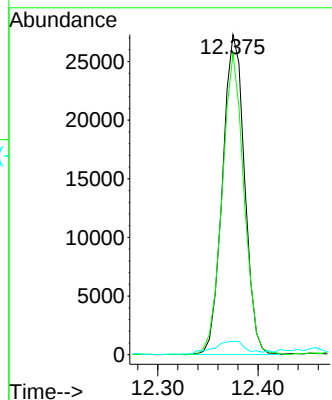
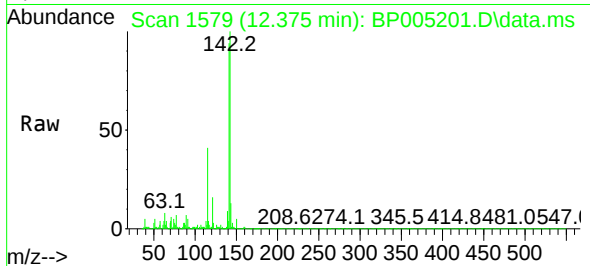




#38
1-Methylnaphthalene
Concen: 13.25 ng
RT: 12.375 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

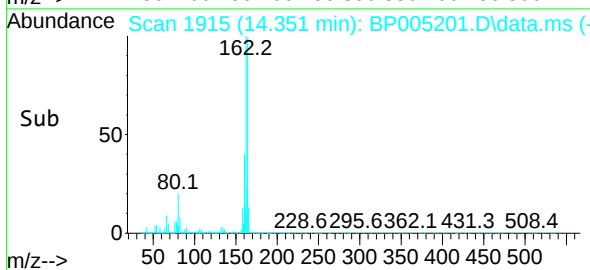
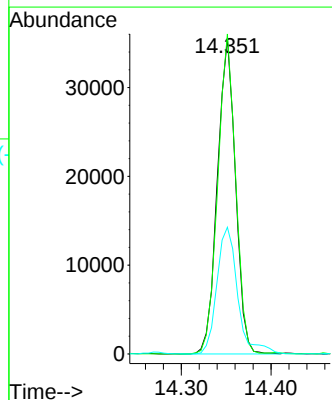
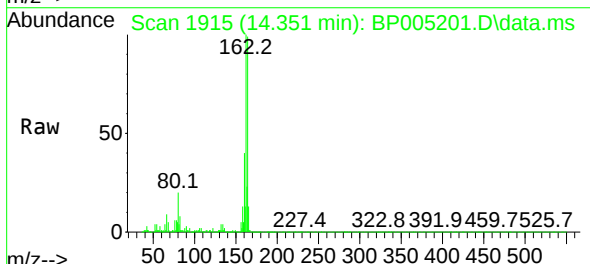
Instrument :
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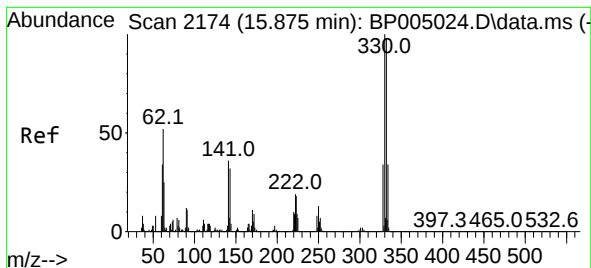
Tgt Ion:142 Resp: 41519
Ion Ratio Lower Upper
142 100
141 93.9 74.4 111.6
116 4.1 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

Tgt Ion:164 Resp: 49794
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 40.2 36.1 54.1

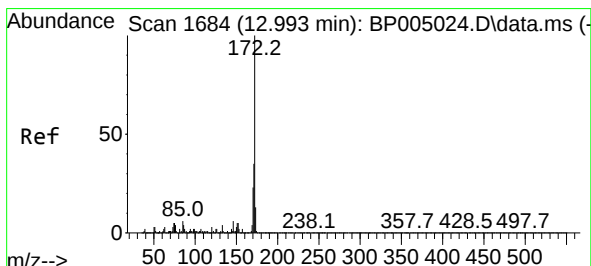
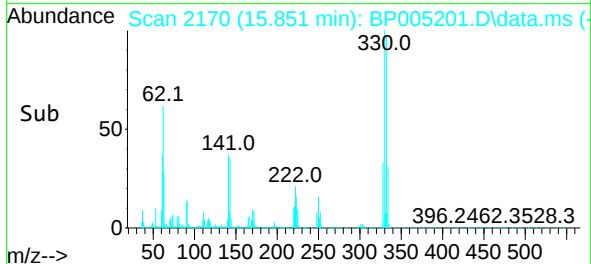
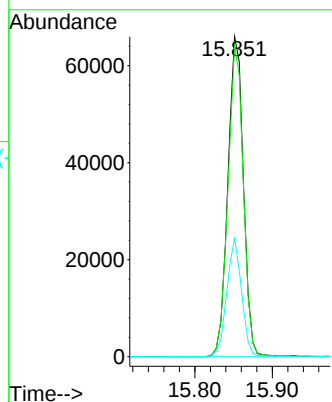
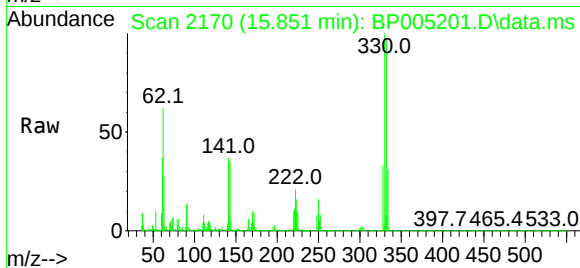




#42
2,4,6-Tribromophenol
Concen: 141.51 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

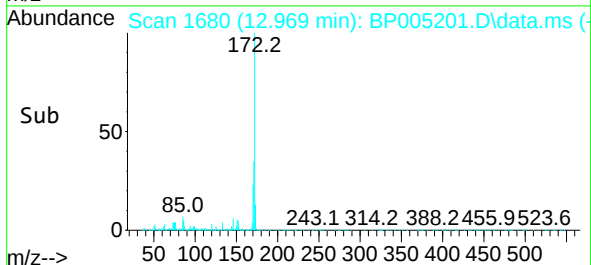
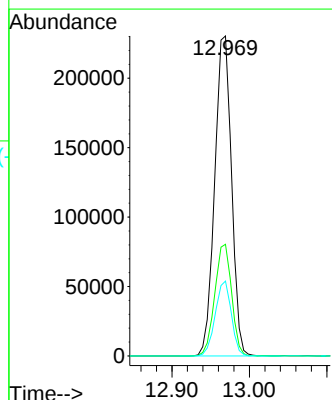
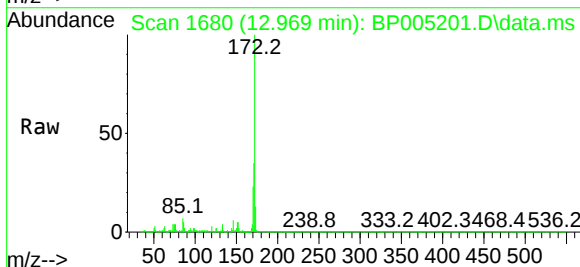
Instrument :
BNA_P
ClientSampleId :
MW-5

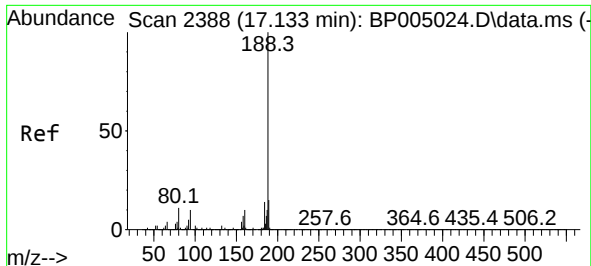
Tgt Ion:330 Resp: 91807
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 35.3 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 94.36 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

Tgt Ion:172 Resp: 347342
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.4 19.2 28.8

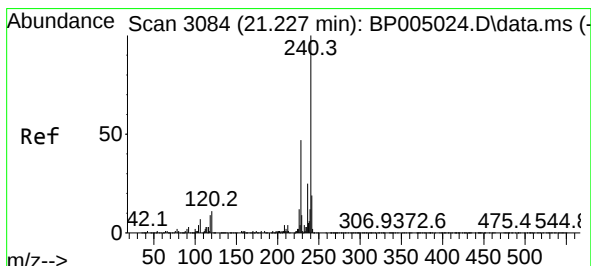
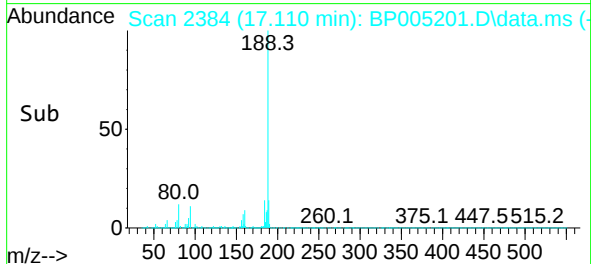
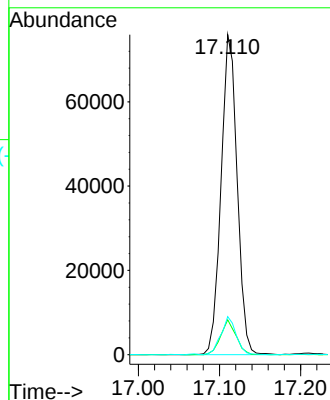
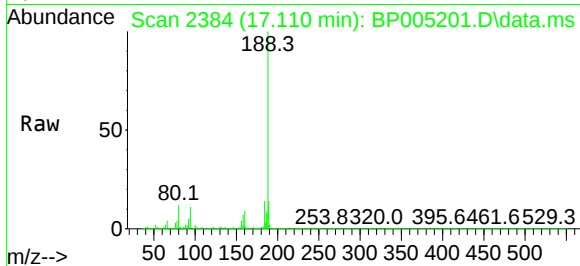




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.018 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

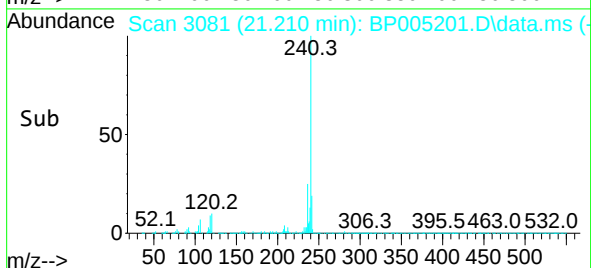
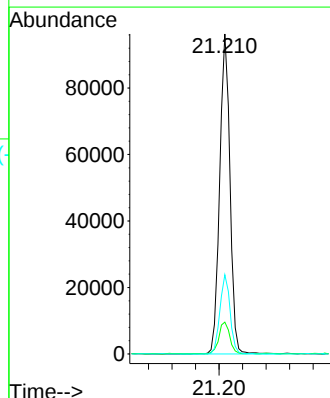
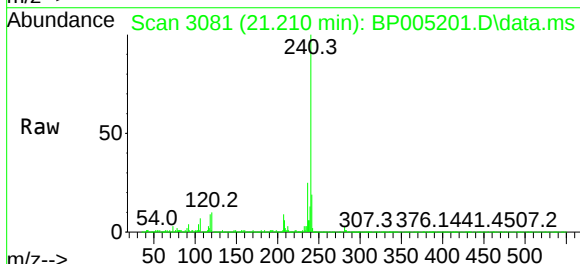
Instrument :
BNA_P
ClientSampleId :
MW-5

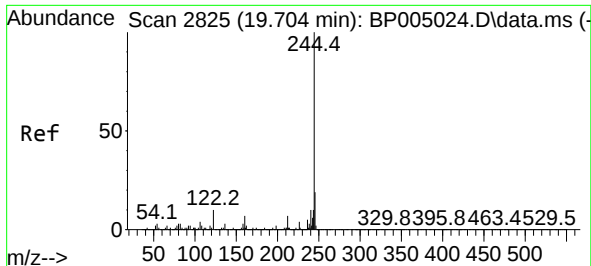
Tgt Ion:188 Resp: 104746
Ion Ratio Lower Upper
188 100
94 10.9 6.2 9.2#
80 11.9 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.018 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

Tgt Ion:240 Resp: 116989
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 24.7 20.8 31.2

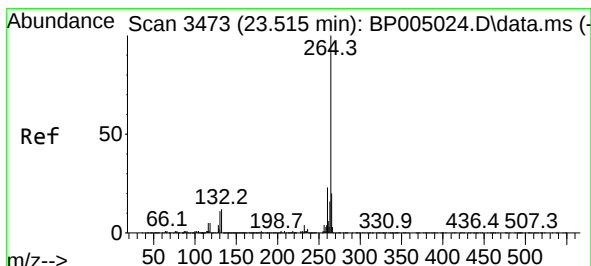
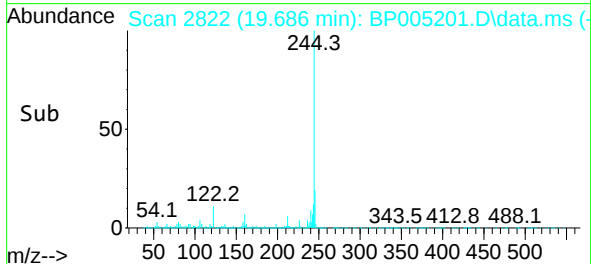
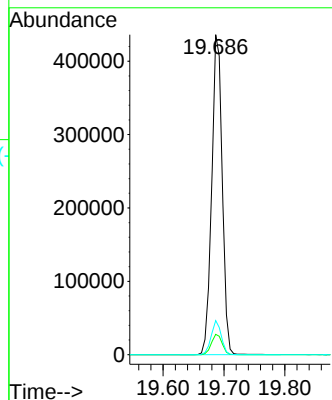
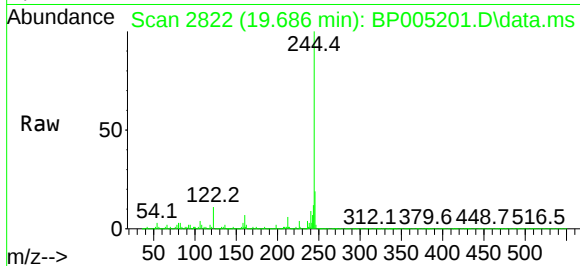




#79
Terphenyl-d14
Concen: 81.47 ng
RT: 19.686 min Scan# 2822
Delta R.T. -0.012 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:244 Resp: 523555
Ion Ratio Lower Upper
244 100
212 6.4 5.8 8.6
122 10.7 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.492 min Scan# 3469
Delta R.T. -0.018 min
Lab File: BP005201.D
Acq: 06 Apr 2021 17:43

Tgt Ion:264 Resp: 124464
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 20.2 17.4 26.2

