

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005162.D
 Acq On : 02 Apr 2021 16:45
 Operator : CG/JU
 Sample : M1836-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B1-0-2

Quant Time: Apr 02 17:19:55 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)

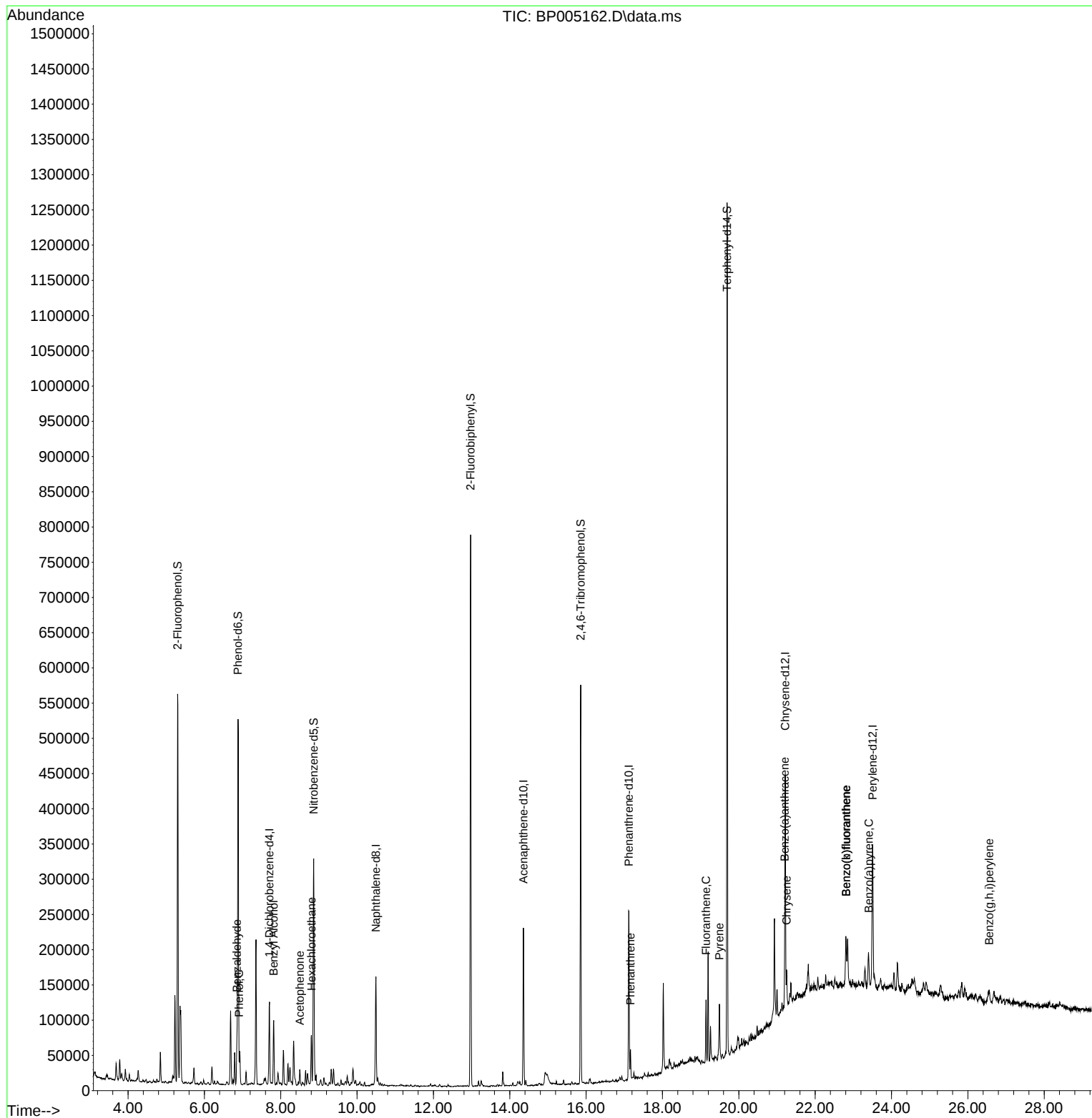
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	29714	20.00	ng	# 0.00
21) Naphthalene-d8	10.493	136	116960	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	74553	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	146782	20.00	ng	#-0.01
76) Chrysene-d12	21.216	240	144093	20.00	ng	-0.01
86) Perylene-d12	23.504	264	149609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	226999	117.57	ng	0.00
7) Phenol-d6	6.881	99	299007	108.11	ng	0.00
23) Nitrobenzene-d5	8.863	82	191367	70.20	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	93818	96.58	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	380140	68.98	ng	0.00
79) Terphenyl-d14	19.692	244	539781	68.19	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.852	77	5062	3.59	ng	# 1
10) Phenol	6.910	94	5699	2.01	ng	91
15) Benzyl Alcohol	7.816	79	5176	2.43	ng	# 5
18) Hexachloroethane	8.804	117	6990	7.99	ng	# 1
22) Acetophenone	8.499	105	15173	4.51	ng	# 62
71) Phenanthrene	17.163	178	23025	2.71	ng	95
75) Fluoranthene	19.139	202	46938	4.69	ng	98
78) Pyrene	19.492	202	46081	4.65	ng	98
81) Benzo(a)anthracene	21.204	228	27120	2.77	ng	96
83) Chrysene	21.251	228	29049	3.02	ng	99
88) Benzo(b)fluoranthene	22.810	252	39932	3.76	ng	# 92
89) Benzo(k)fluoranthene	22.810	252	39932	3.92	ng	# 93
90) Benzo(a)pyrene	23.404	252	28593	3.00	ng	97
92) Benzo(g,h,i)perylene	26.556	276	22241	2.38	ng	# 93

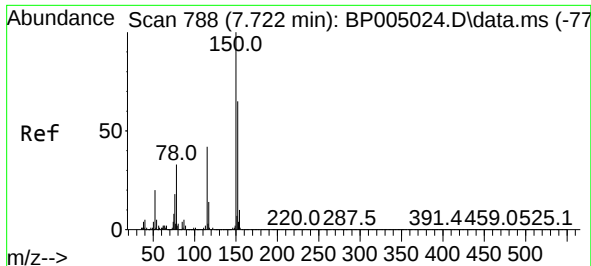
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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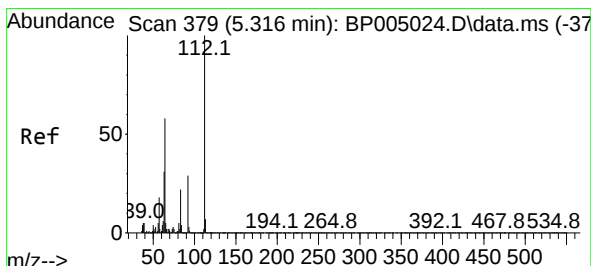
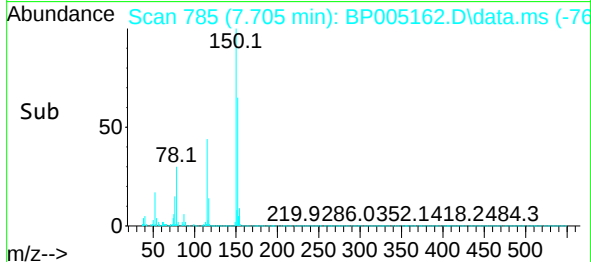
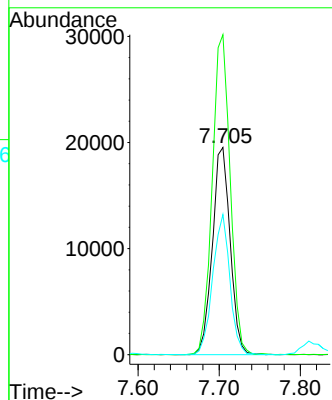
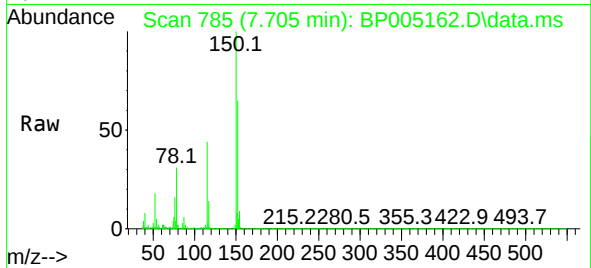




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

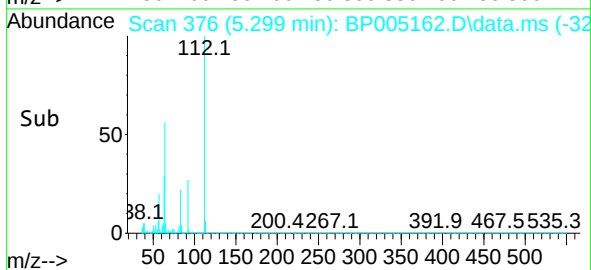
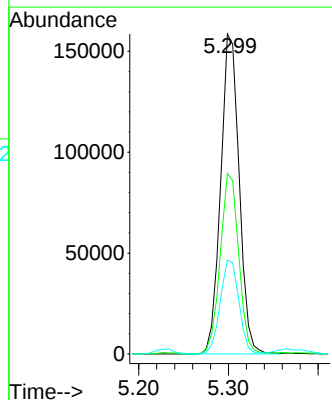
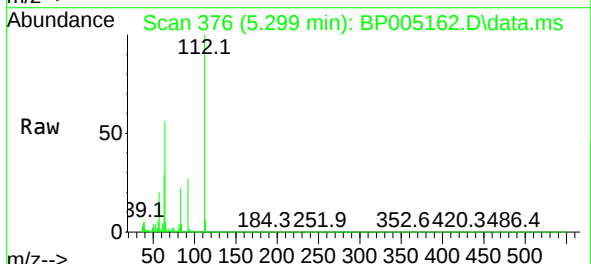
Instrument :
BNA_P
ClientSampled :
B1-0-2

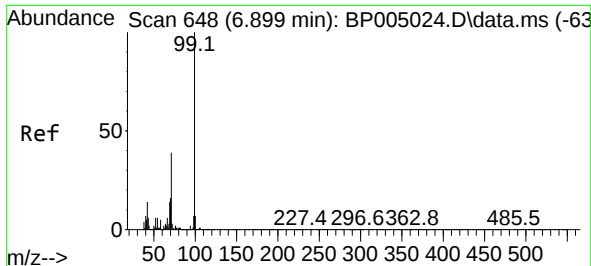
Tgt Ion:152 Resp: 29714
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 67.6 43.8 65.6#



#5
2-Fluorophenol
Concen: 117.57 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion:112 Resp: 226999
Ion Ratio Lower Upper
112 100
64 56.4 32.8 49.2#
63 29.4 17.0 25.4#

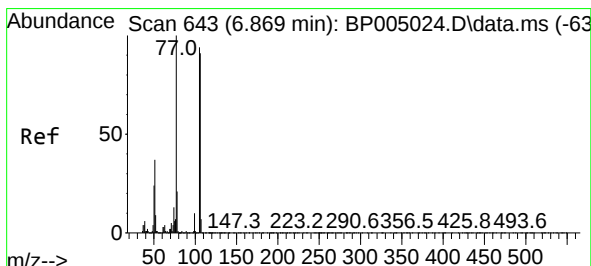
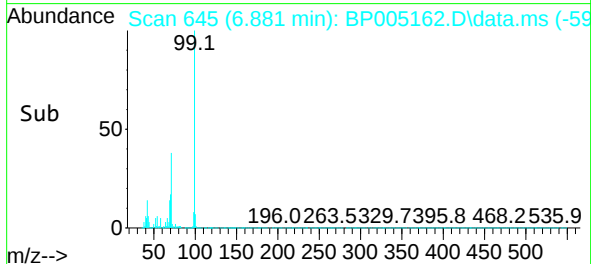
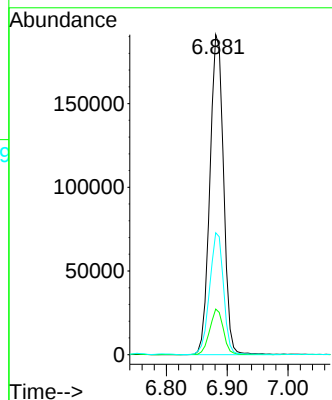
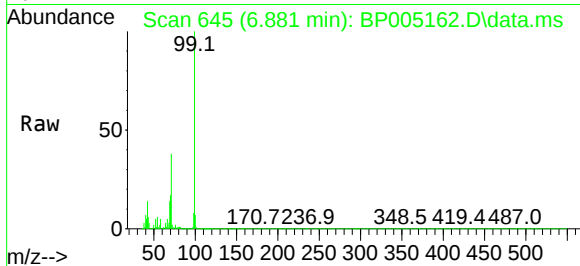




#7
Phenol-d6
Concen: 108.11 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

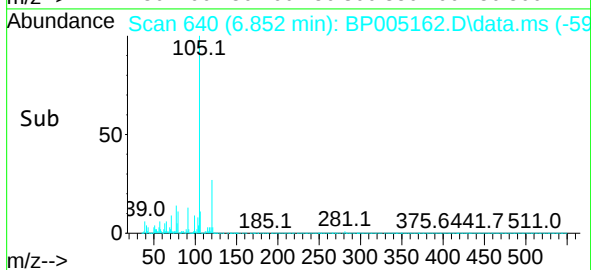
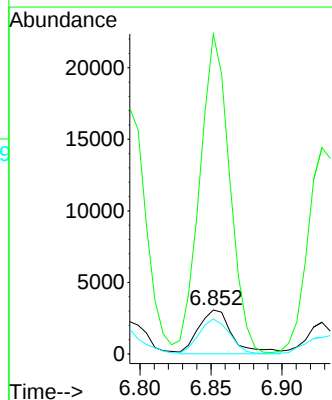
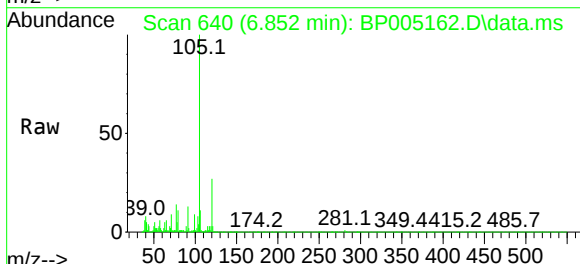
Instrument :
BNA_P
ClientSampled :
B1-0-2

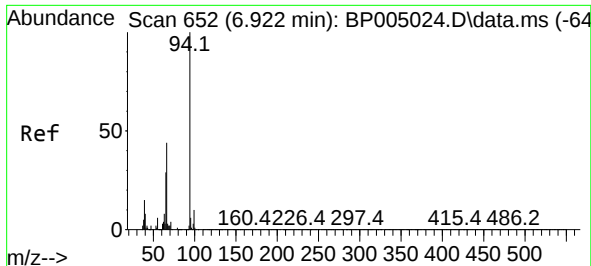
Tgt Ion: 99 Resp: 299007
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 38.1 23.4 35.2#



#9
Benzaldehyde
Concen: 3.59 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion: 77 Resp: 5062
Ion Ratio Lower Upper
77 100
105 726.0 97.1 137.1#
106 79.3 93.7 133.7#

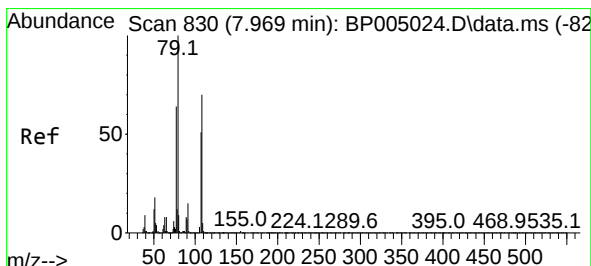
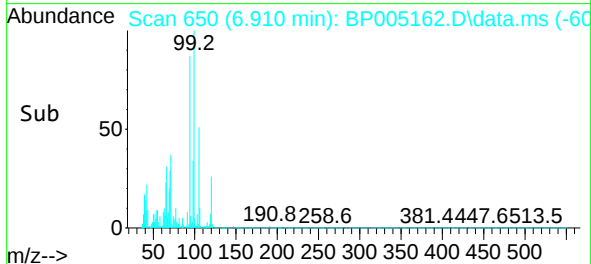
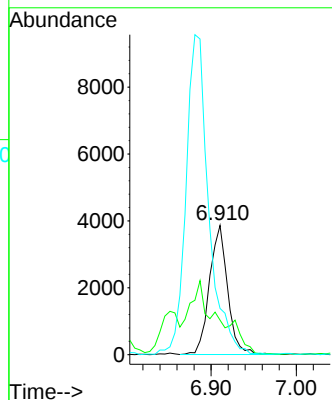
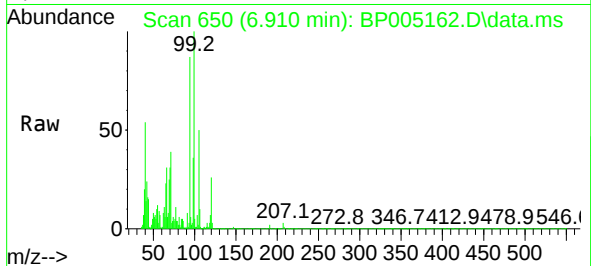




#10
Phenol
Concen: 2.01 ng
RT: 6.910 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

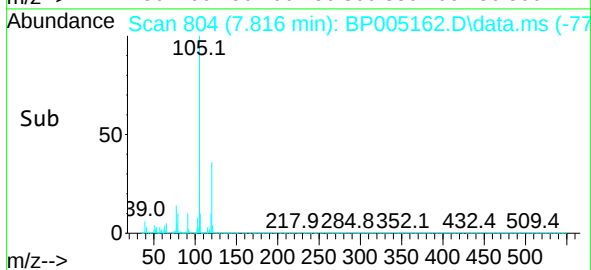
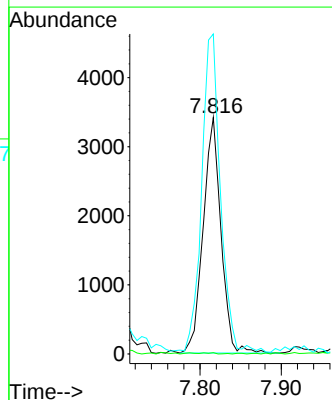
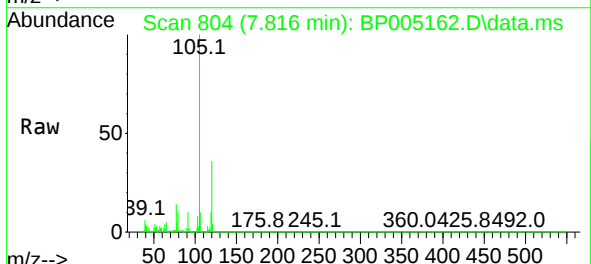
Instrument :
BNA_P
ClientSampled :
B1-0-2

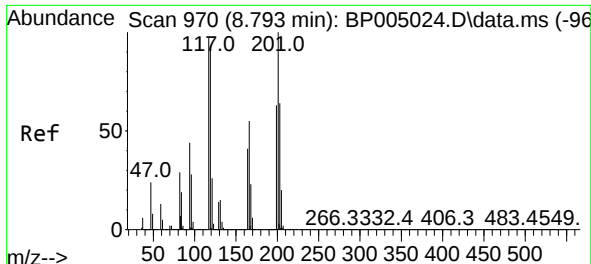
Tgt Ion: 94 Resp: 5699
Ion Ratio Lower Upper
94 100
65 26.8 2.3 42.3
66 35.7 10.9 50.9



#15
Benzyl Alcohol
Concen: 2.43 ng
RT: 7.816 min Scan# 804
Delta R.T. -0.135 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion: 79 Resp: 5176
Ion Ratio Lower Upper
79 100
108 0.6 73.5 110.3#
77 135.3 50.3 75.5#

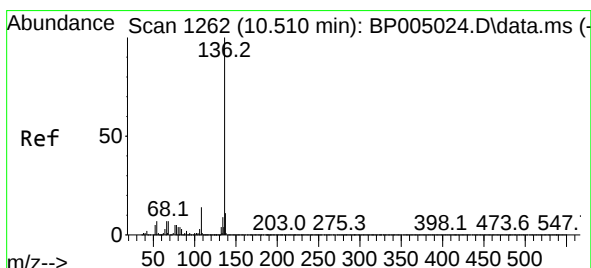
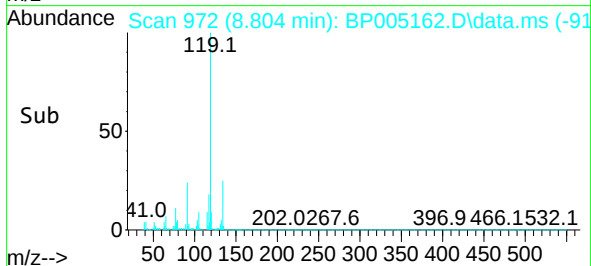
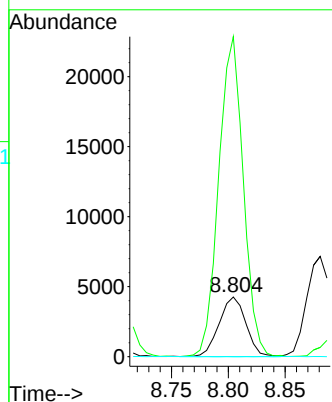
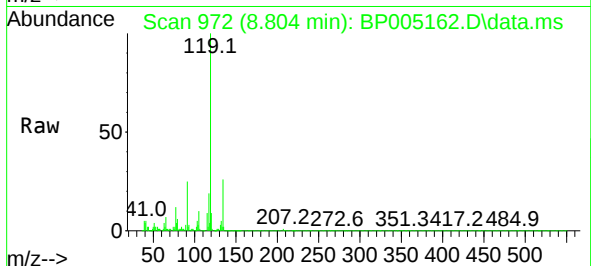




#18
Hexachloroethane
Concen: 7.99 ng
RT: 8.804 min Scan# 972
Delta R.T. 0.029 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

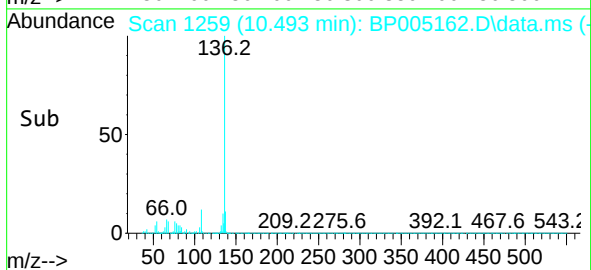
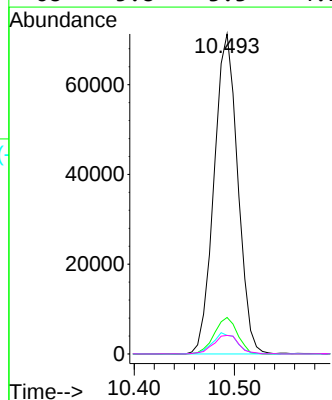
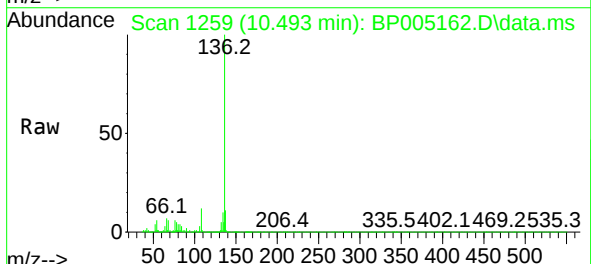
Instrument :
BNA_P
ClientSampleId :
B1-0-2

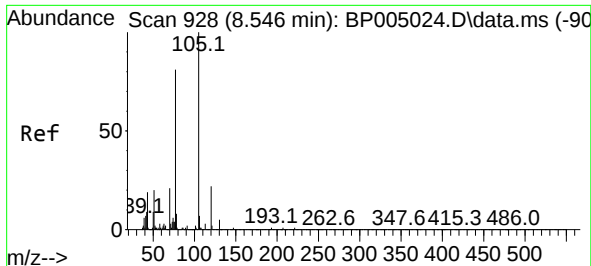
Tgt Ion:117 Resp: 6990
Ion Ratio Lower Upper
117 100
119 535.6 78.8 118.2#
201 0.0 92.3 138.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion:136 Resp: 116960
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 5.8 3.6 5.4#
68 5.8 3.3 4.9#

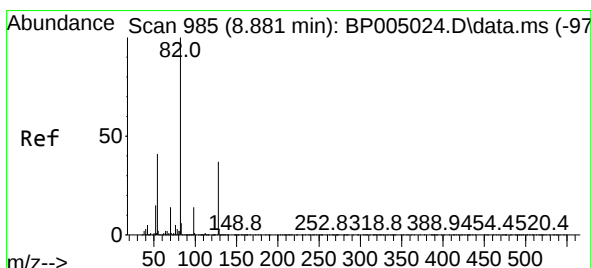
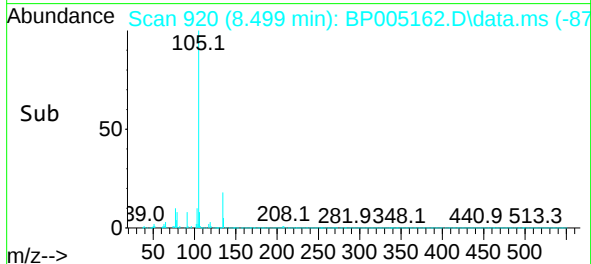
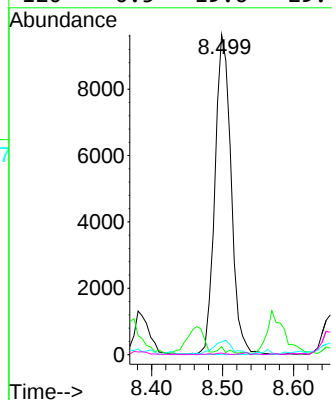
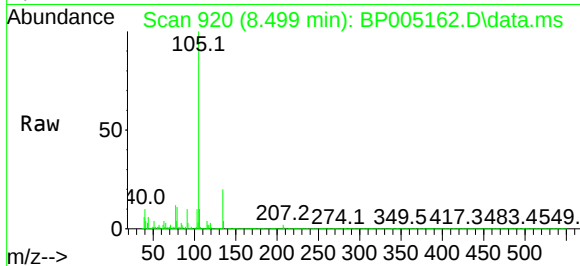




#22
Acetophenone
Concen: 4.51 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.035 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

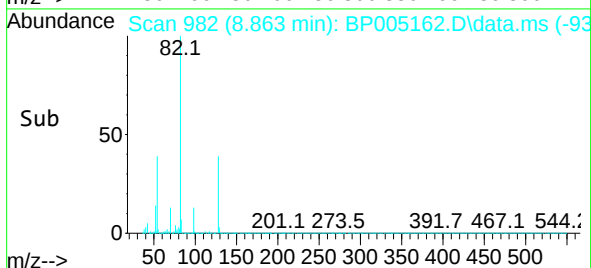
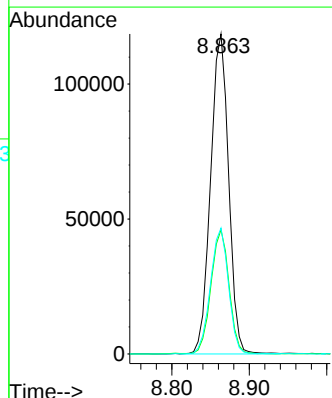
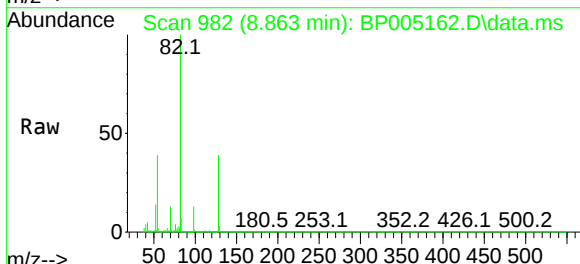
Instrument :
BNA_P
ClientSampleId :
B1-0-2

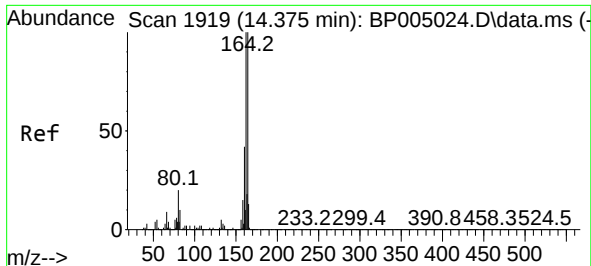
Tgt Ion:	105	Resp:	15173
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.6	3.8#
51	4.0	13.5	20.3#
120	0.5	19.6	29.4#



#23
Nitrobenzene-d5
Concen: 70.20 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion:	82	Resp:	191367
Ion	Ratio	Lower	Upper
82	100		
128	38.8	45.6	68.4#
54	39.4	30.1	45.1

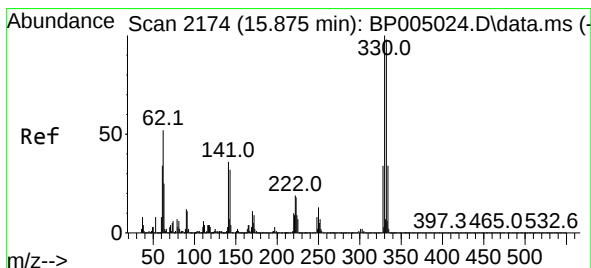
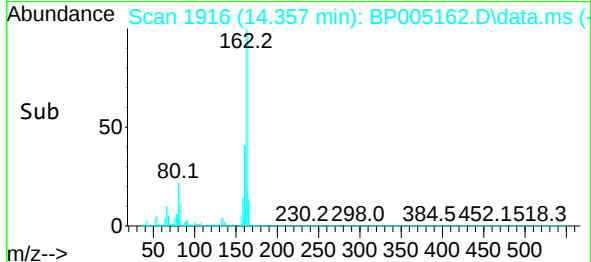
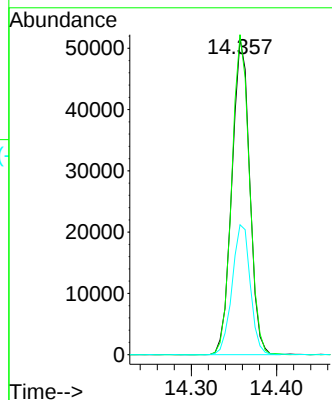
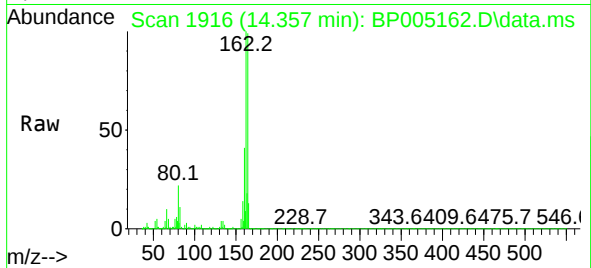




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

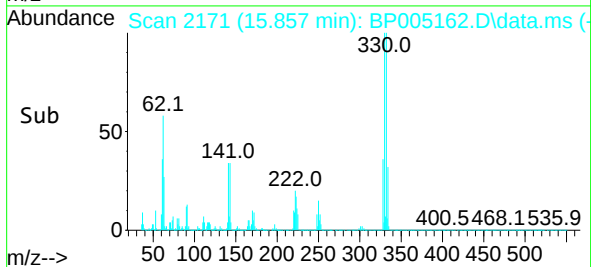
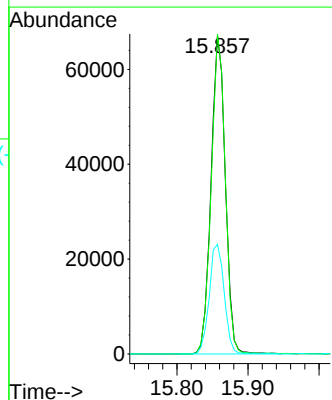
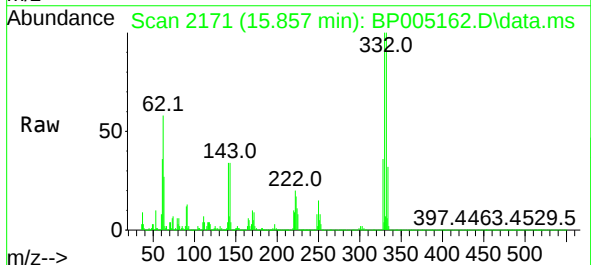
Instrument :
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B1-0-2

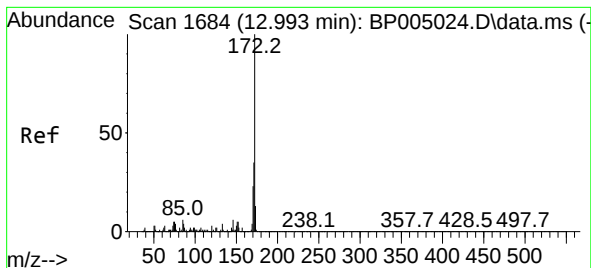
Tgt Ion:164 Resp: 74553
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.2
160 41.1 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 96.58 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion:330 Resp: 93818
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 36.1 23.4 35.2#

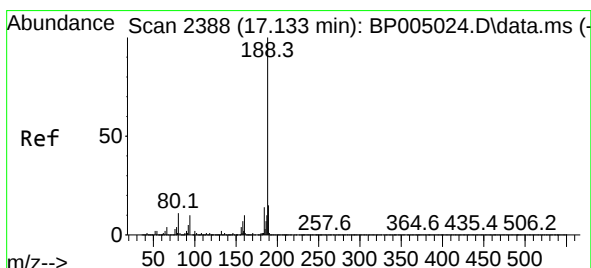
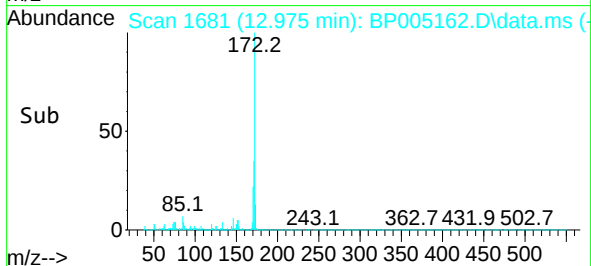
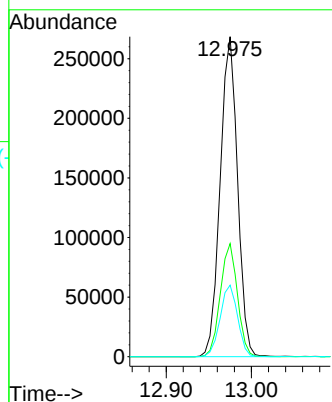
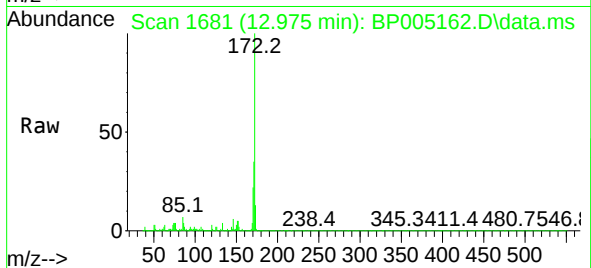




#45
2-Fluorobiphenyl
Concen: 68.98 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

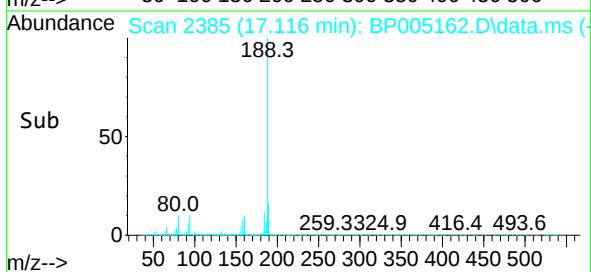
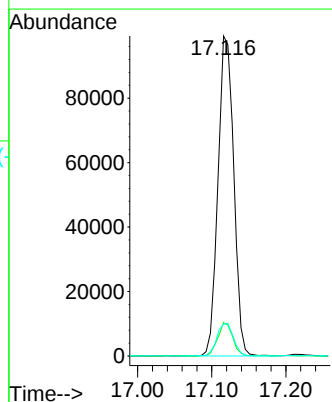
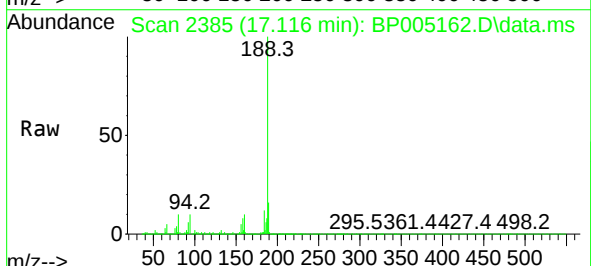
Instrument :
BNA_P
ClientSampled :
B1-0-2

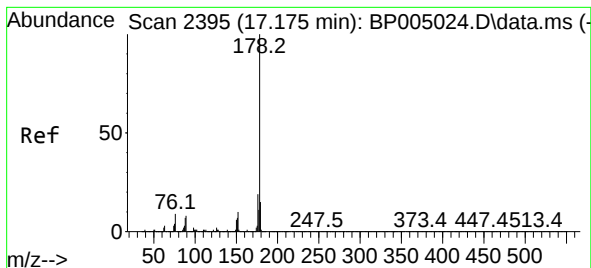
Tgt Ion:172 Resp: 380140
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.4 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion:188 Resp: 146782
Ion Ratio Lower Upper
188 100
94 10.4 6.2 9.2#
80 9.9 6.2 9.2#

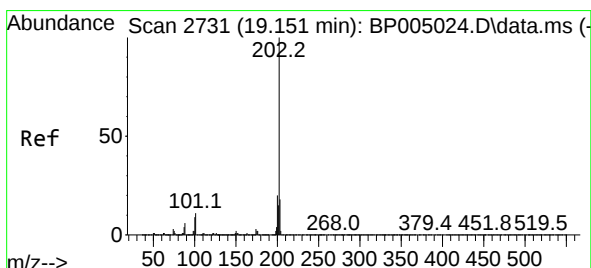
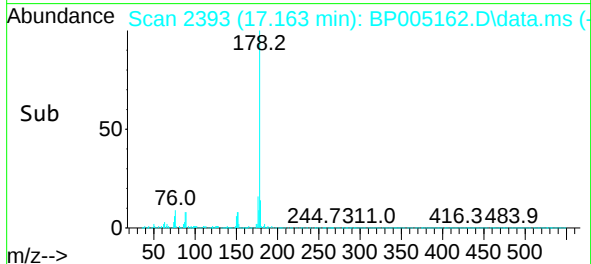
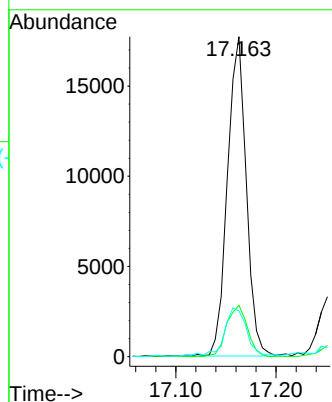
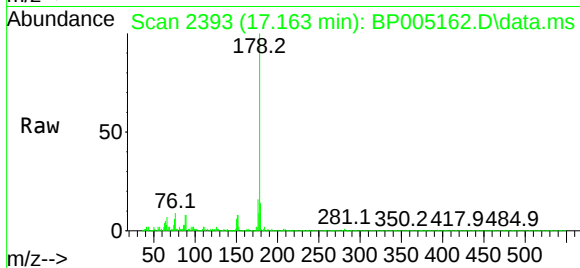




#71
Phenanthrene
Concen: 2.71 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

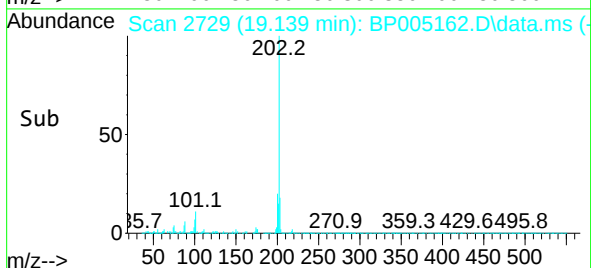
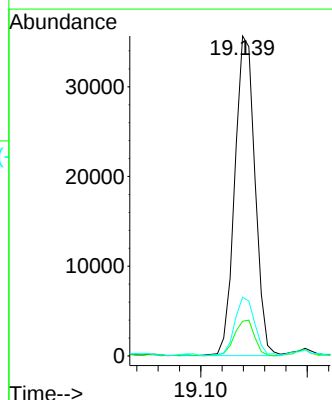
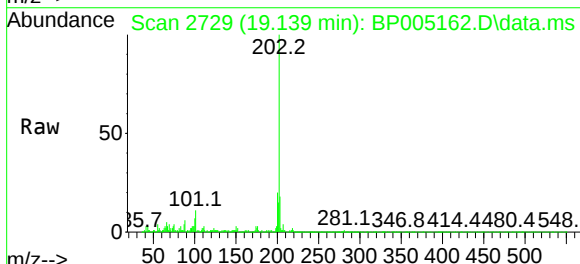
Instrument :
BNA_P
ClientSampleId :
B1-0-2

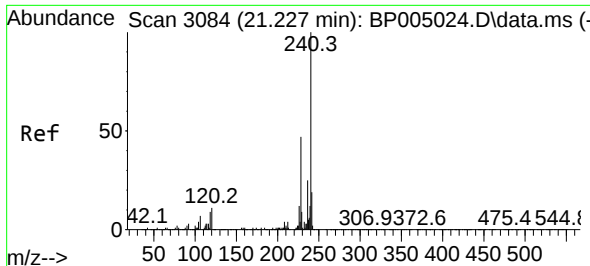
Tgt Ion:178 Resp: 23025
Ion Ratio Lower Upper
178 100
176 16.1 15.3 22.9
179 14.3 12.5 18.7



#75
Fluoranthene
Concen: 4.69 ng
RT: 19.139 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion:202 Resp: 46938
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.4
203 18.3 0.0 37.8

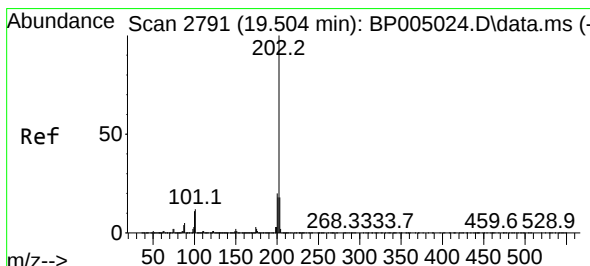
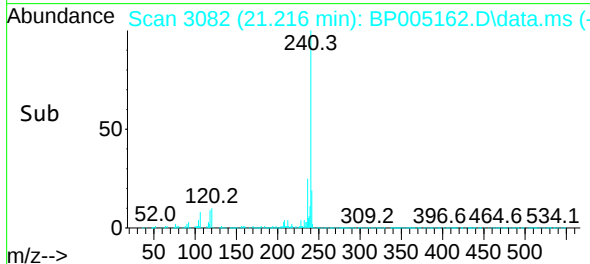
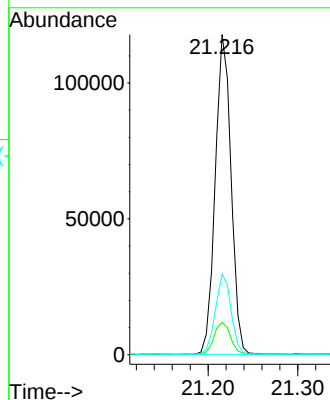
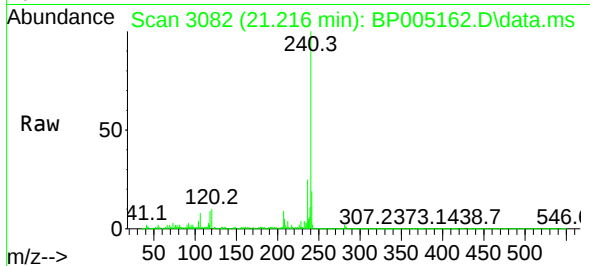




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

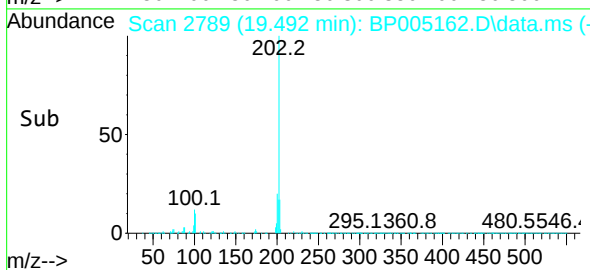
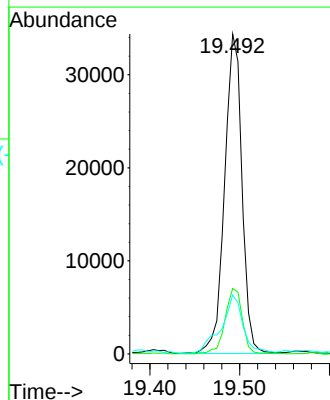
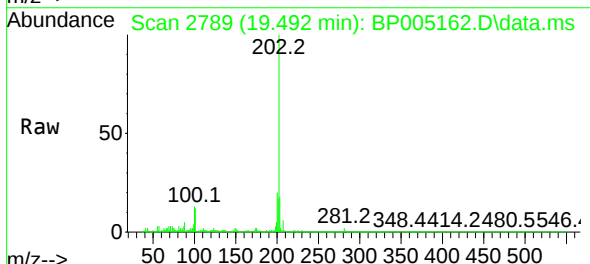
Instrument :
BNA_P
ClientSampleId :
B1-0-2

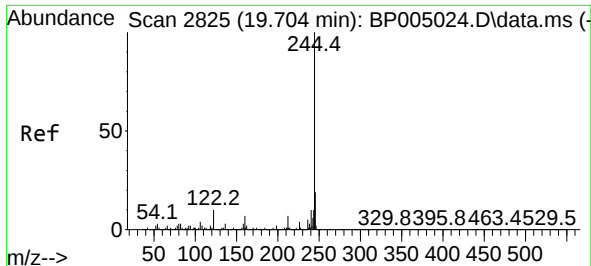
Tgt Ion:240 Resp: 144093
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 25.1 20.8 31.2



#78
Pyrene
Concen: 4.65 ng
RT: 19.492 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion:202 Resp: 46081
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 18.5 14.2 21.2

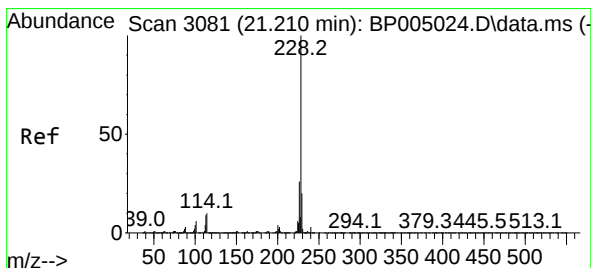
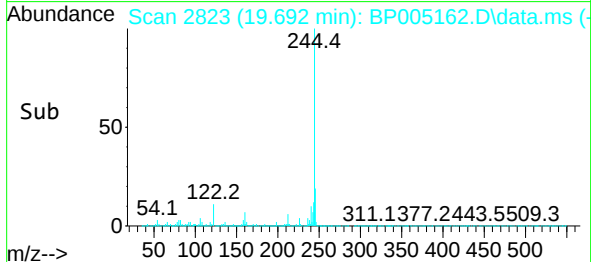
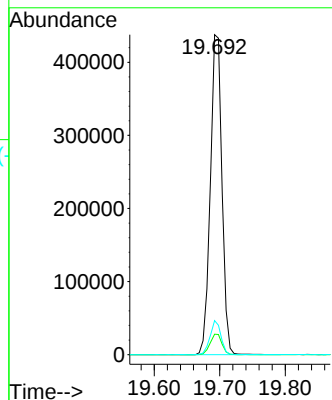
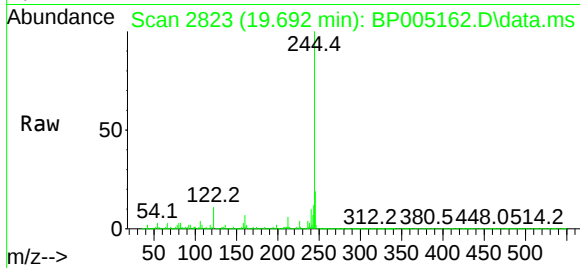




#79
Terphenyl-d14
Concen: 68.19 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

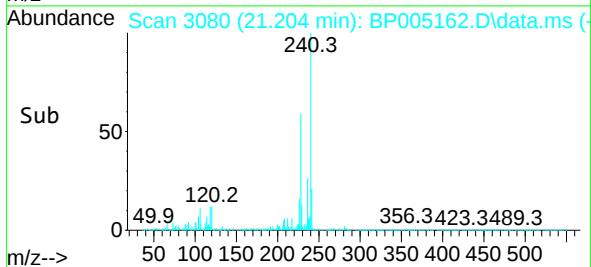
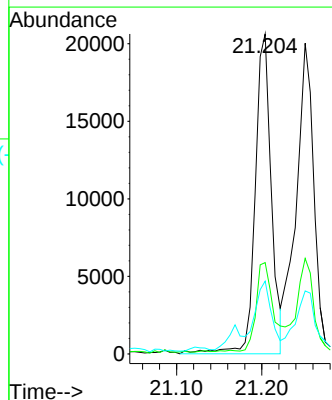
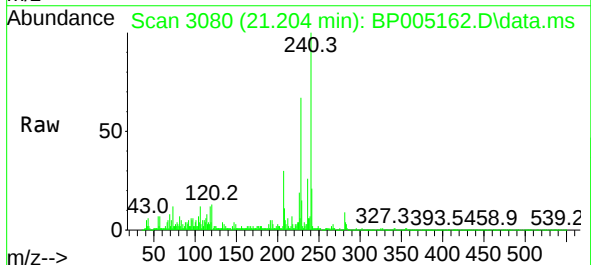
Instrument :
BNA_P
ClientSampled :
B1-0-2

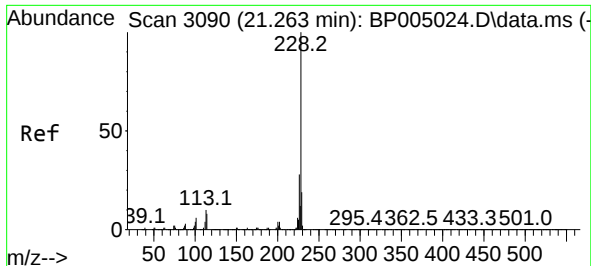
Tgt Ion:244 Resp: 539781
Ion Ratio Lower Upper
244 100
212 6.4 5.8 8.6
122 10.6 7.8 11.8



#81
Benzo(a)anthracene
Concen: 2.77 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion:228 Resp: 27120
Ion Ratio Lower Upper
228 100
226 28.5 22.1 33.1
229 22.7 15.9 23.9

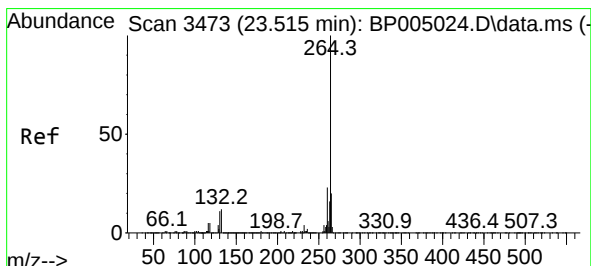
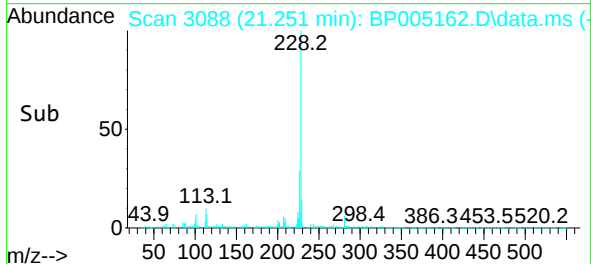
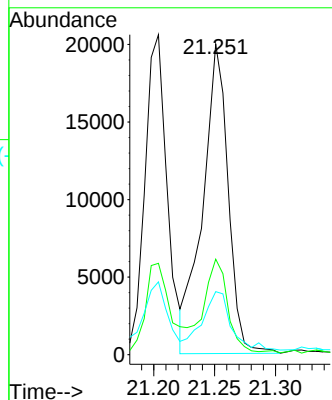
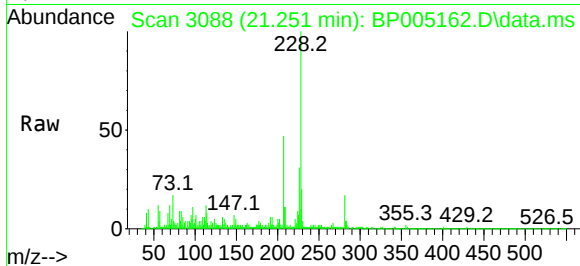




#83
Chrysene
Concen: 3.02 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

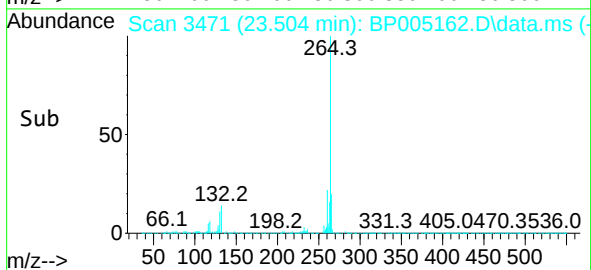
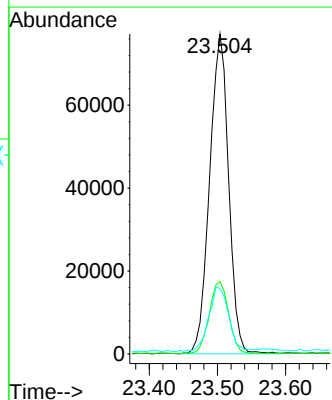
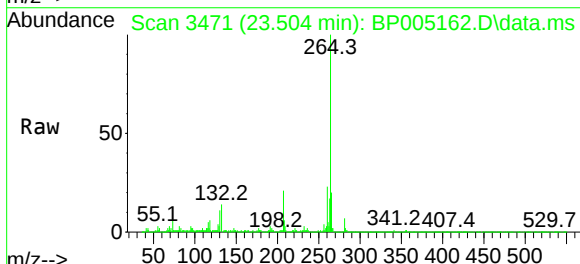
Instrument :
BNA_P
ClientSampleId :
B1-0-2

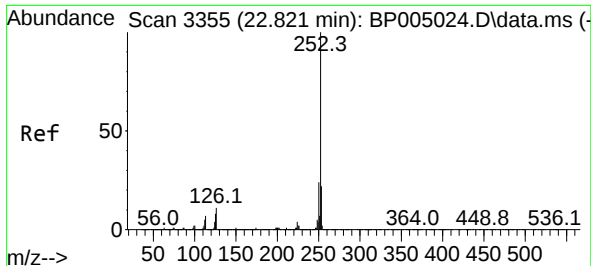
Tgt Ion:	228	Resp:	29049
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.4	36.6
229	20.3	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion:	264	Resp:	149609
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.8	28.2
265	20.5	17.4	26.2

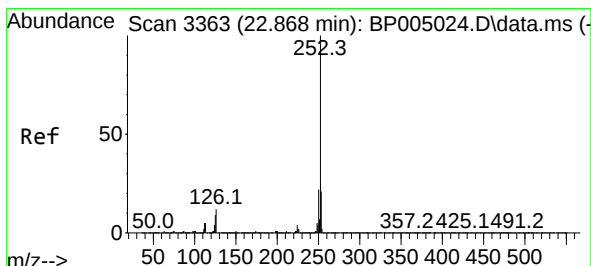
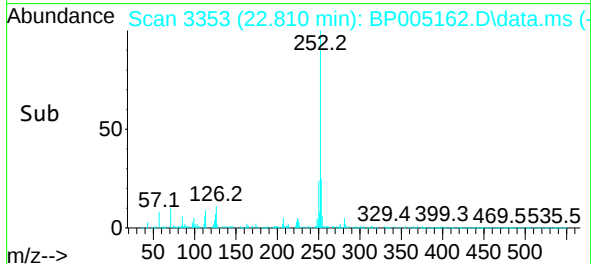
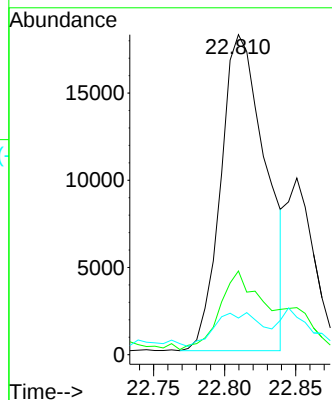
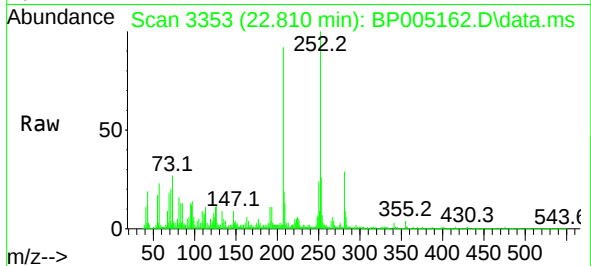




#88
Benzo(b)fluoranthene
Concen: 3.76 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

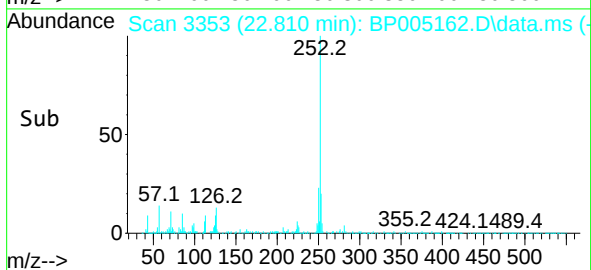
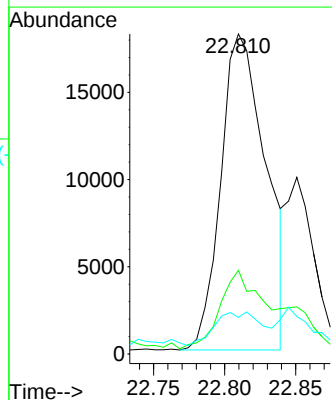
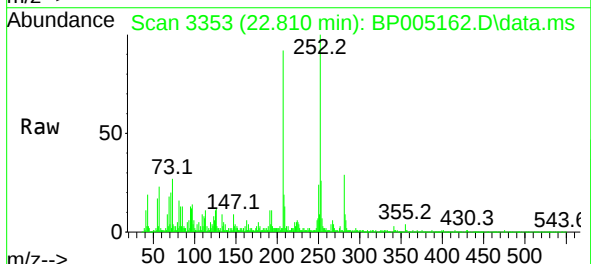
Instrument :
BNA_P
ClientSampleId :
B1-0-2

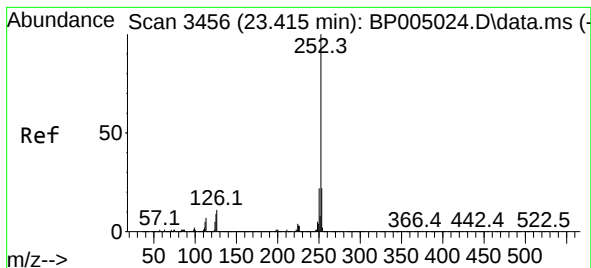
Tgt Ion:252 Resp: 39932
Ion Ratio Lower Upper
252 100
253 26.2 17.6 26.4
125 11.5 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 3.92 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.053 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion:252 Resp: 39932
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.8
125 11.5 7.4 11.2#

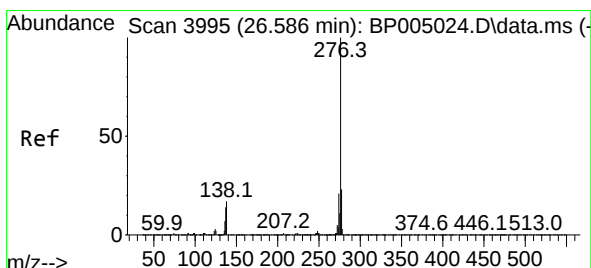
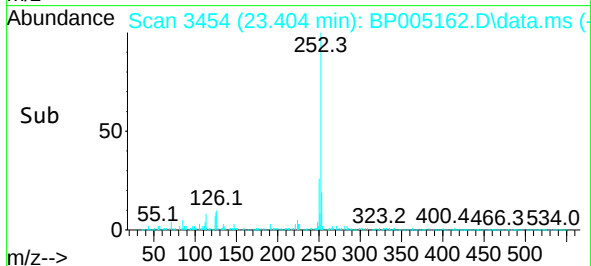
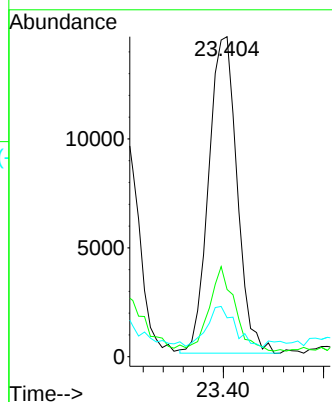
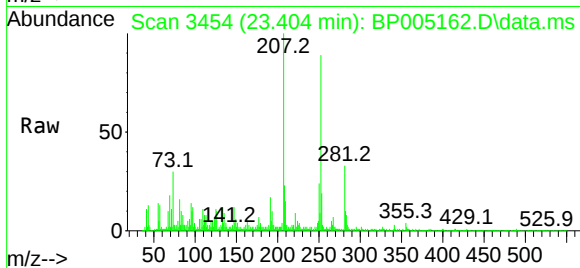




#90
Benzo(a)pyrene
Concen: 3.00 ng
RT: 23.404 min Scan# 3454
Delta R.T. -0.006 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Instrument :
BNA_P
ClientSampleId :
B1-0-2

Tgt Ion:252	Resp:	28593
Ion Ratio	Lower	Upper
252	100	
253	21.0	17.4 26.0
125	12.2	8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 2.38 ng
RT: 26.556 min Scan# 3990
Delta R.T. -0.024 min
Lab File: BP005162.D
Acq: 02 Apr 2021 16:45

Tgt Ion:276	Resp:	22241
Ion Ratio	Lower	Upper
276	100	
277	29.0	19.0 28.6#
138	19.3	16.6 24.8

