

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
 Data File : BP005288.D
 Acq On : 13 Apr 2021 15:44
 Operator : CG/JU
 Sample : M1998-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

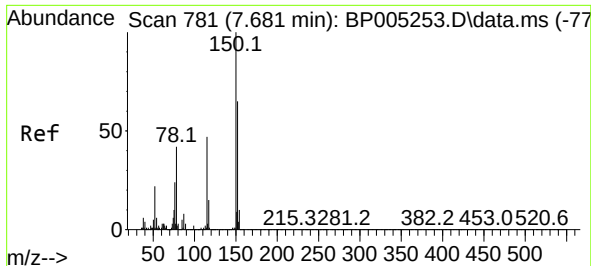
Instrument :
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 ClientSampleId :
 SB-5A

Quant Time: Apr 14 02:42:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 09 18:44:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	53631	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	192332	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	126427	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	309409	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	294879	20.00	ng	0.00
86) Perylene-d12	23.474	264	228974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	561163	109.81	ng	0.00
7) Phenol-d6	6.869	99	728377	124.92	ng	0.00
23) Nitrobenzene-d5	8.840	82	467337	76.63	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	46863	29.36	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	662440	70.74	ng	0.00
79) Terphenyl-d14	19.680	244	1103620	73.52	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.828	77	41192	10.73	ng	# 69
10) Phenol	6.899	94	817625	136.92	ng	78
48) 2-Nitroaniline	13.410	65	181	3.57	ng	# 12
53) 3-Nitroaniline	14.239	138	389	2.65	ng	# 50
54) 2,4-Dinitrophenol	14.463	184	24	6.17	ng	# 1
62) 4-Nitroaniline	15.228	138	481	2.29	ng	95
75) Fluoranthene	19.139	202	86539	4.03	ng	97
78) Pyrene	19.480	202	92414	5.04	ng	100
81) Benzo(a)anthracene	21.239	228	47755	2.45	ng	96
83) Chrysene	21.239	228	47755	2.52	ng	97
84) Bis(2-ethylhexyl)phtha...	21.116	149	67214	6.25	ng	98
88) Benzo(b)fluoranthene	22.792	252	73124	4.88	ng	# 89
89) Benzo(k)fluoranthene	22.792	252	73124	5.09	ng	# 90
90) Benzo(a)pyrene	23.374	252	42486	3.06	ng	# 90

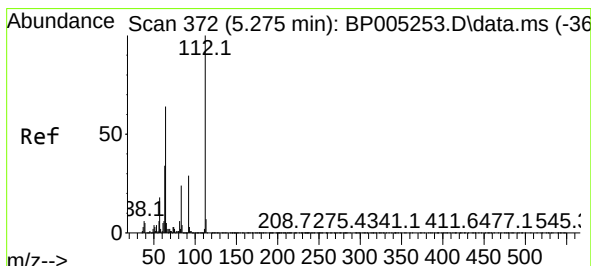
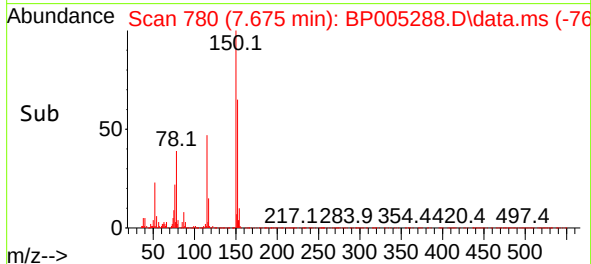
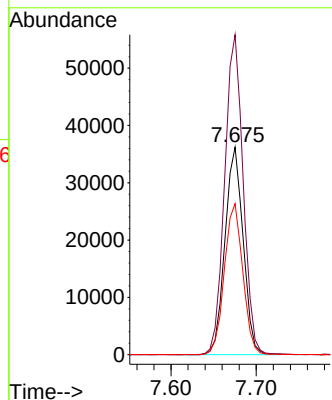
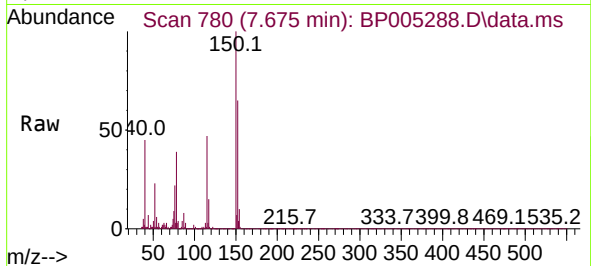
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

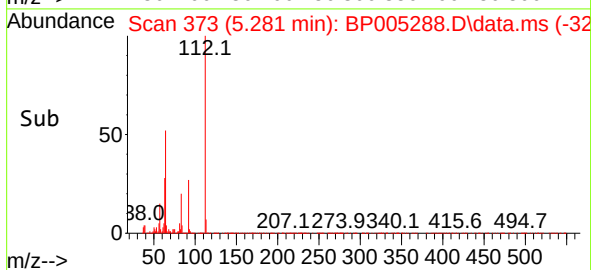
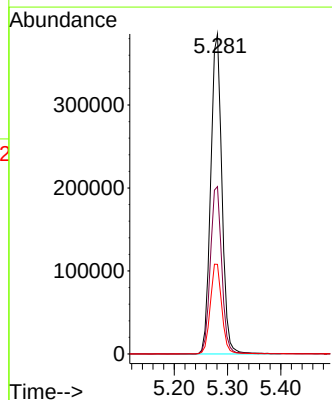
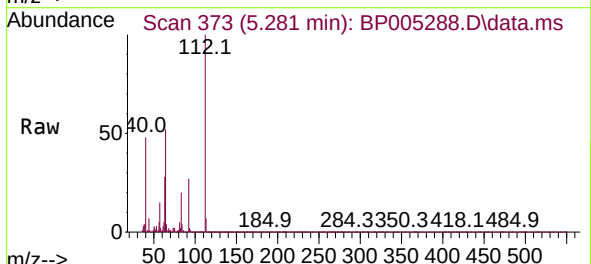
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ClientSampled :
SB-5A

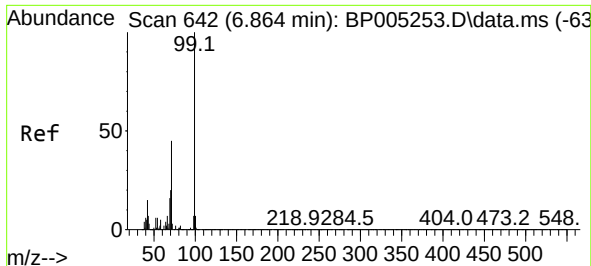
Tgt Ion:152 Resp: 53631
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.6
115 72.8 43.8 65.6#



#5
2-Fluorophenol
Concen: 109.81 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion:112 Resp: 561163
Ion Ratio Lower Upper
112 100
64 52.3 32.8 49.2#
63 28.0 17.0 25.4#

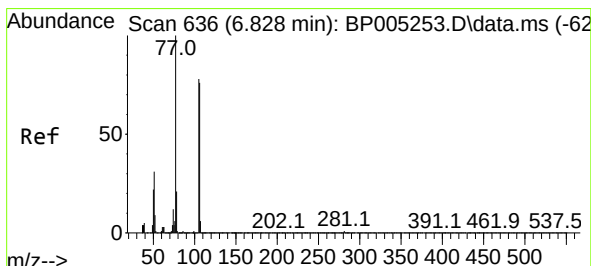
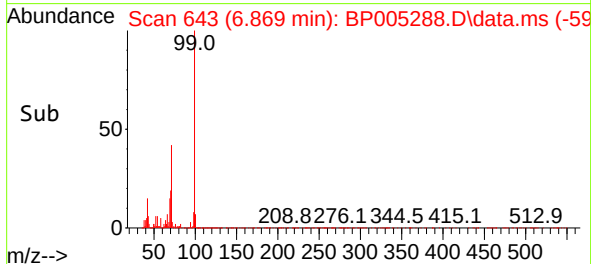
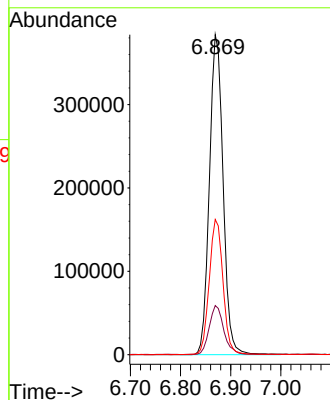
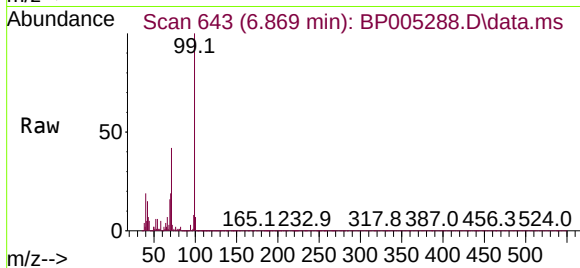




#7
Phenol-d6
Concen: 124.92 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

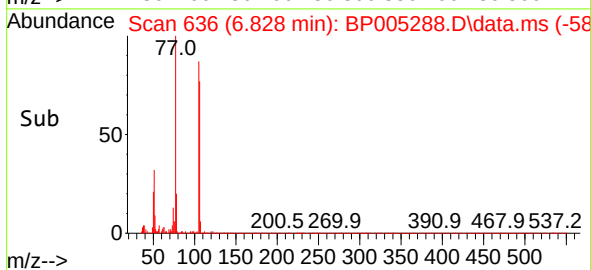
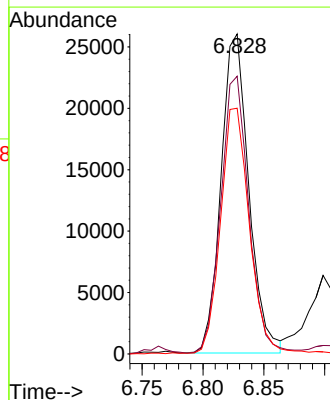
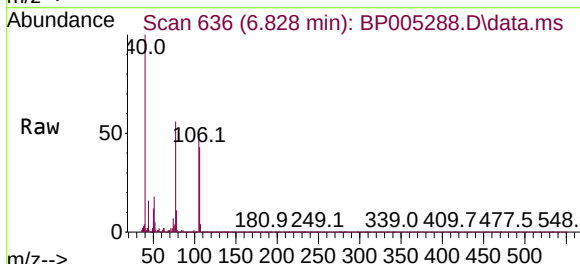
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ClientSampled :
SB-5A

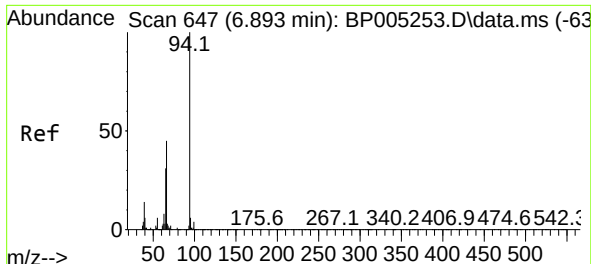
Tgt Ion: 99 Resp: 728377
Ion Ratio Lower Upper
99 100
42 15.4 8.6 13.0#
71 42.3 23.4 35.2#



#9
Benzaldehyde
Concen: 10.73 ng
RT: 6.828 min Scan# 636
Delta R.T. -0.000 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion: 77 Resp: 41192
Ion Ratio Lower Upper
77 100
105 86.8 97.1 137.1#
106 76.8 93.7 133.7#

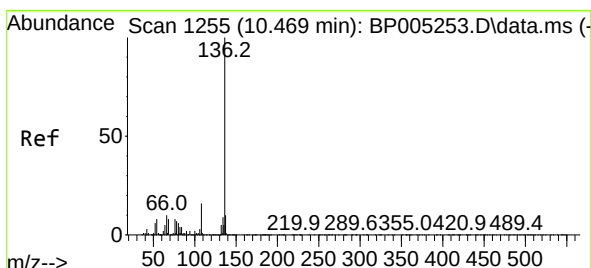
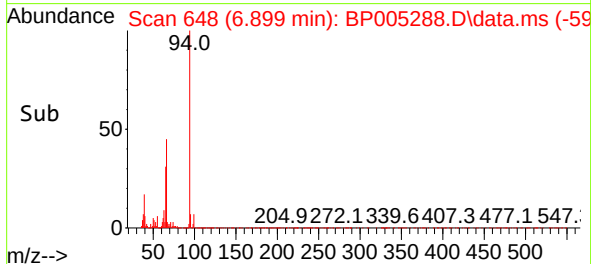
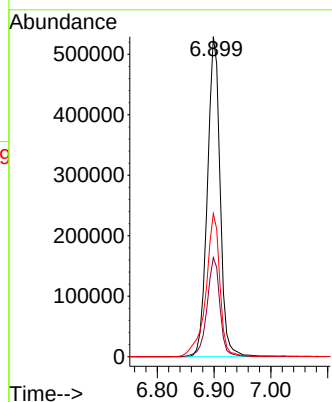
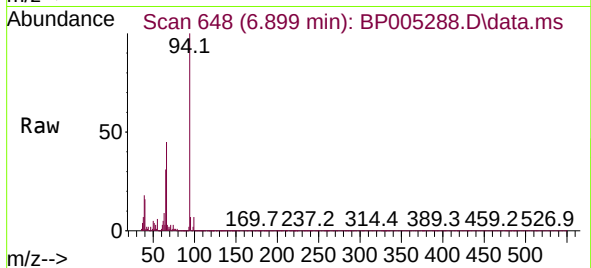




#10
Phenol
Concen: 136.92 ng
RT: 6.899 min Scan# 648
Delta R.T. 0.006 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

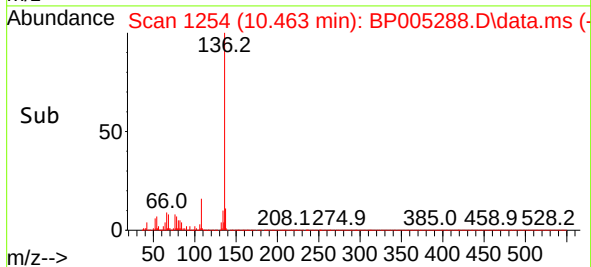
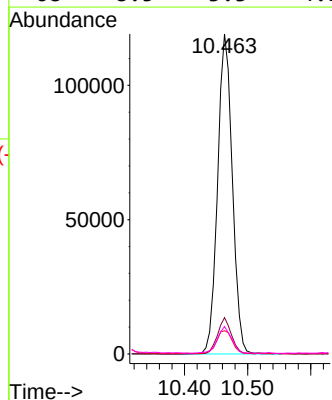
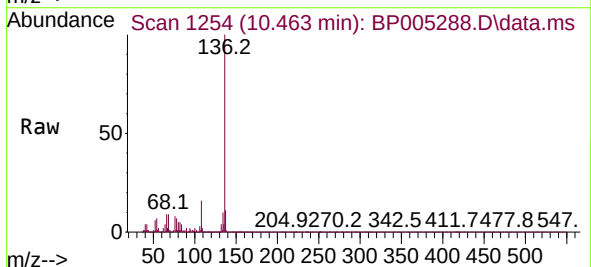
Instrument :
BNA_P
ClientSampled :
SB-5A

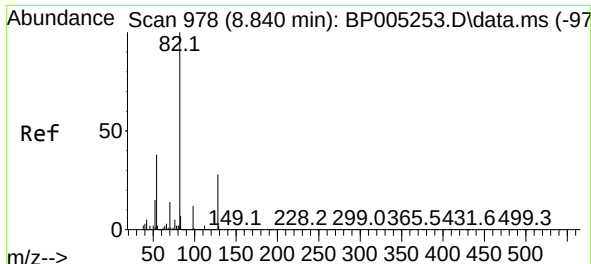
Tgt Ion: 94 Resp: 817625
Ion Ratio Lower Upper
94 100
65 31.0 2.3 42.3
66 44.7 10.9 50.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion:136 Resp: 192332
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.2 3.6 5.4#
68 8.5 3.3 4.9#

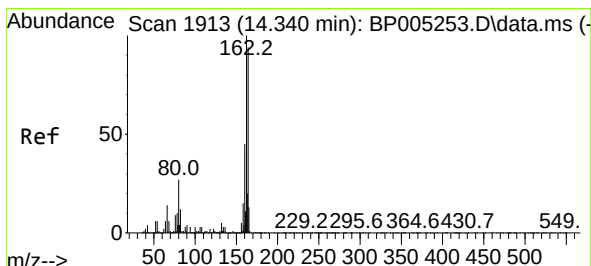
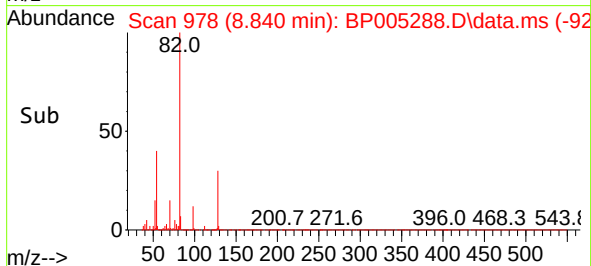
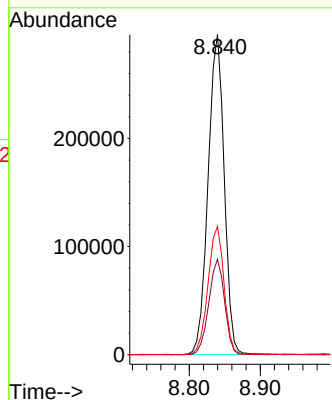
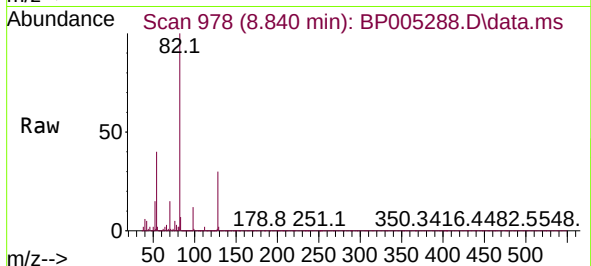




#23
Nitrobenzene-d5
Concen: 76.63 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

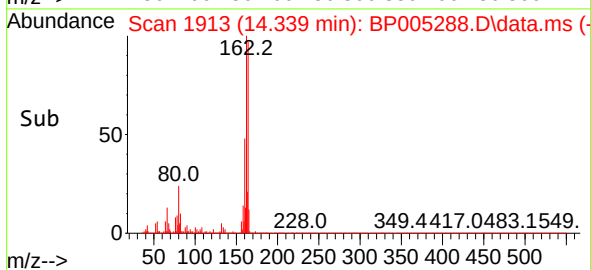
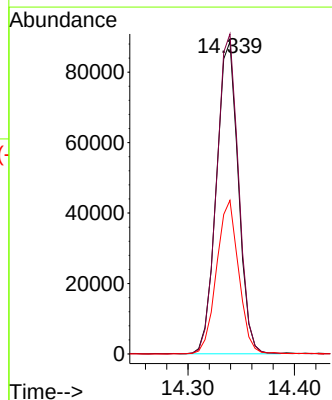
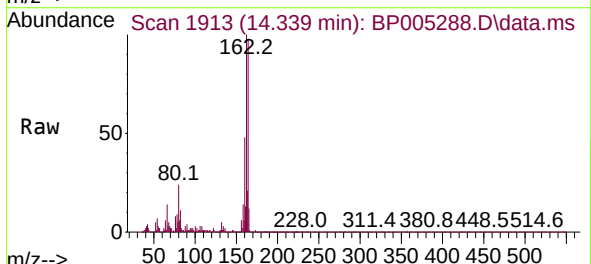
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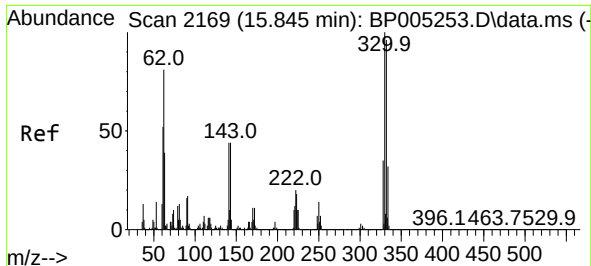
Tgt Ion: 82 Resp: 467337
Ion Ratio Lower Upper
82 100
128 29.8 45.6 68.4#
54 40.1 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion: 164 Resp: 126427
Ion Ratio Lower Upper
164 100
162 102.5 79.4 119.2
160 49.2 36.1 54.1

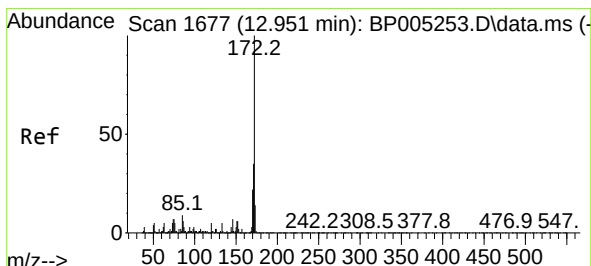
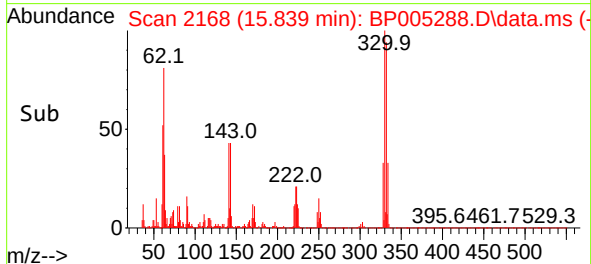
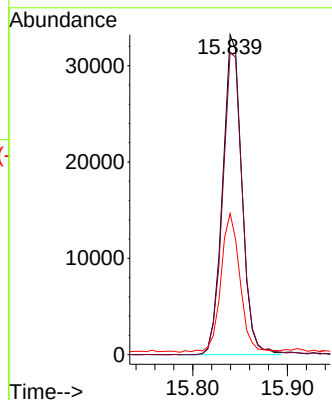
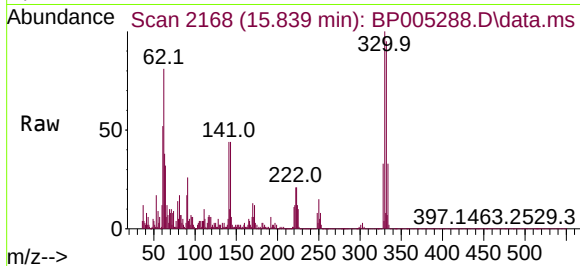




#42
2,4,6-Tribromophenol
Concen: 29.36 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

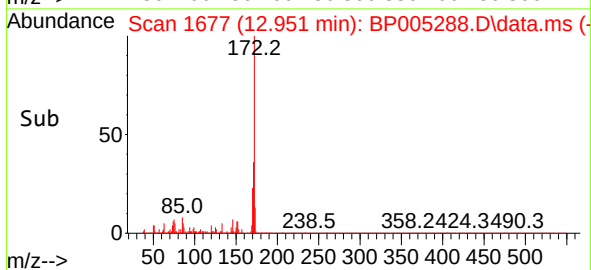
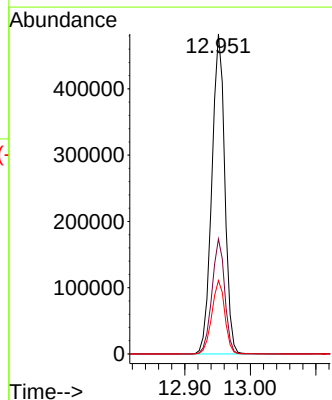
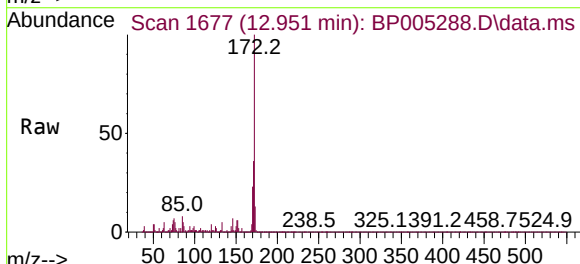
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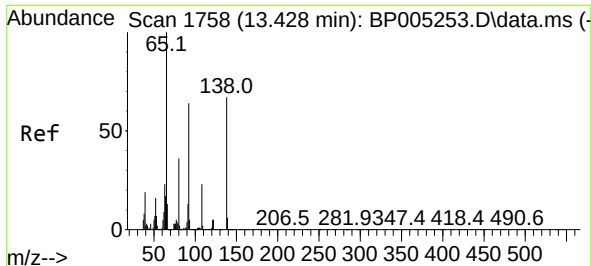
Tgt Ion:330 Resp: 46863
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 43.0 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 70.74 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion:172 Resp: 662440
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.0 19.2 28.8

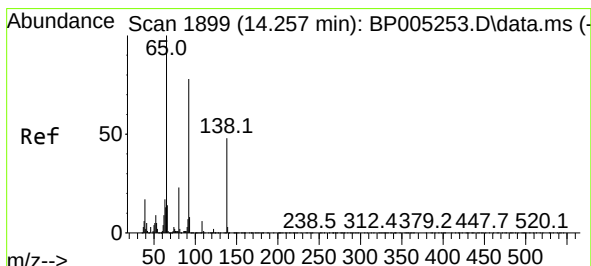
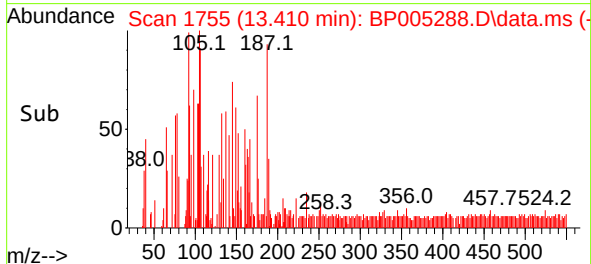
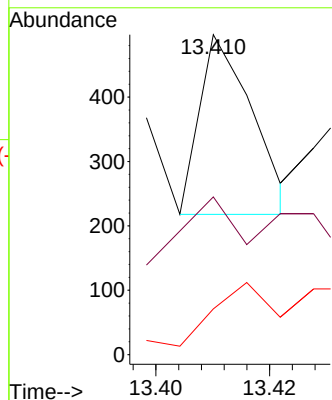
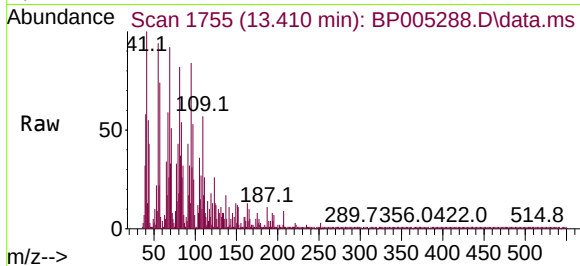




#48
2-Nitroaniline
Concen: 3.57 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.018 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

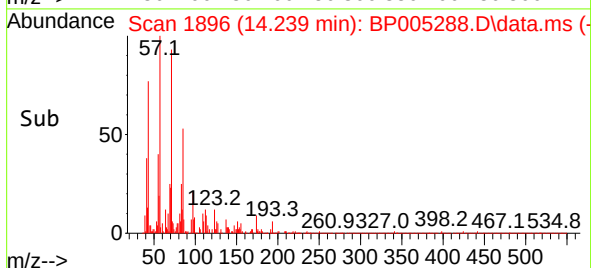
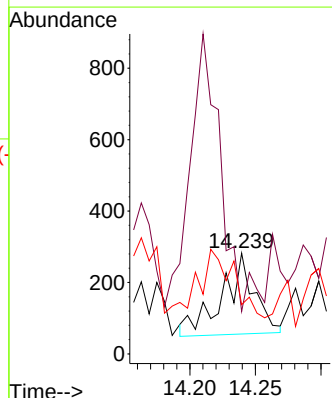
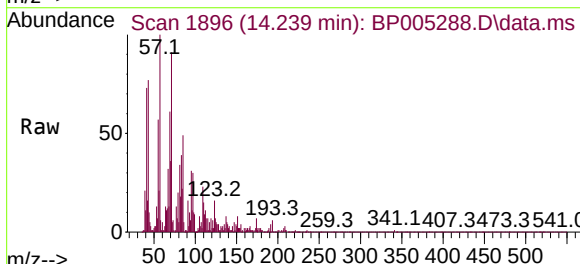
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ClientSampled :
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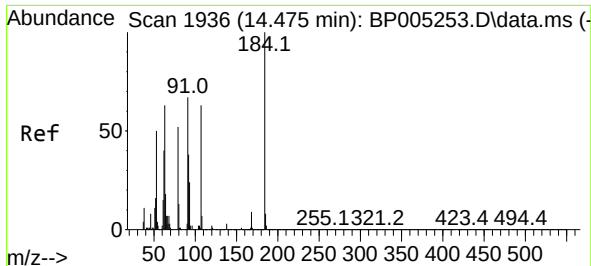
Tgt Ion: 65 Resp: 181
Ion Ratio Lower Upper
65 100
92 49.3 70.6 106.0#
138 14.3 133.6 200.4#



#53
3-Nitroaniline
Concen: 2.65 ng
RT: 14.239 min Scan# 1896
Delta R.T. -0.018 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion: 138 Resp: 389
Ion Ratio Lower Upper
138 100
108 42.2 7.5 11.3#
92 48.9 75.0 112.6#

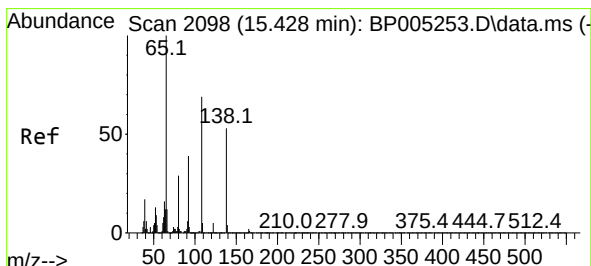
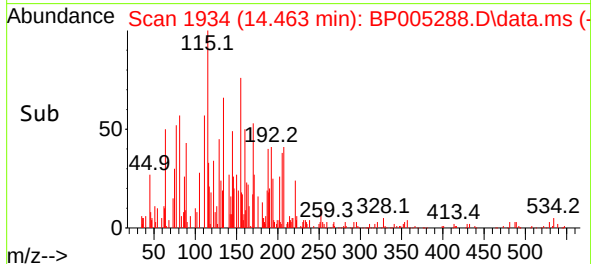
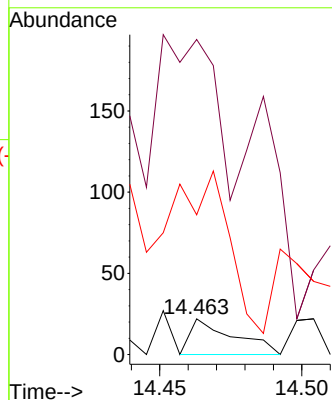
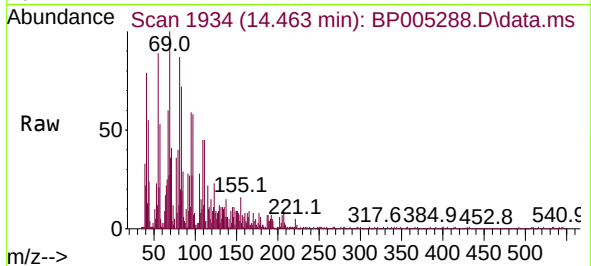




#54
2,4-Dinitrophenol
Concen: 6.17 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

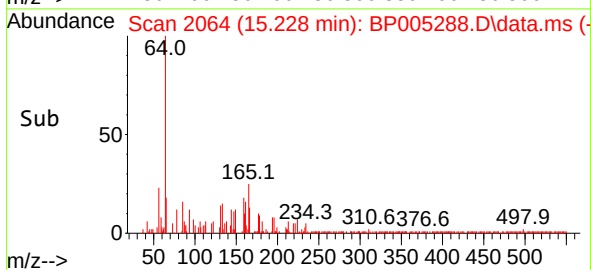
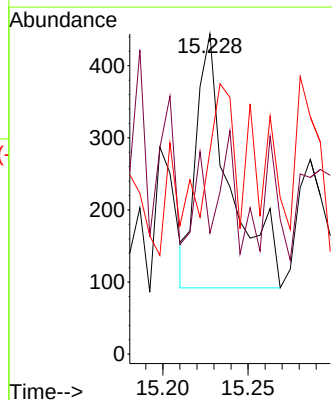
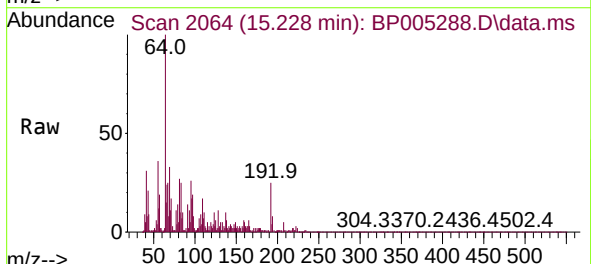
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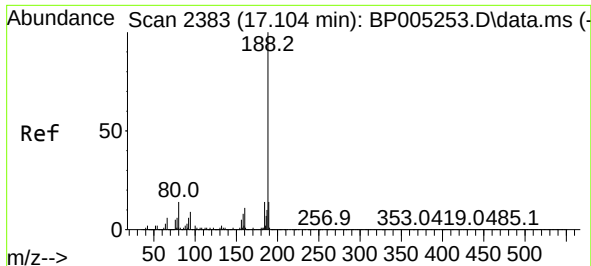
Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 881.8 32.3 48.5#
154 390.9 49.1 73.7#



#62
4-Nitroaniline
Concen: 2.29 ng
RT: 15.228 min Scan# 2064
Delta R.T. -0.200 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion:138 Resp: 481
Ion Ratio Lower Upper
138 100
92 37.8 20.7 60.7
108 63.5 47.8 87.8

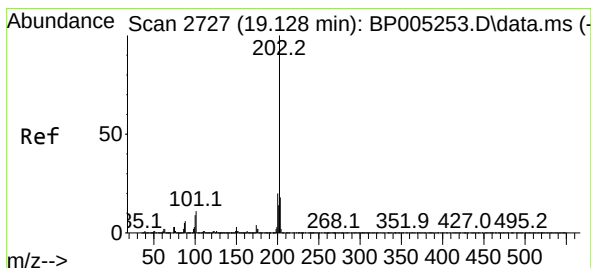
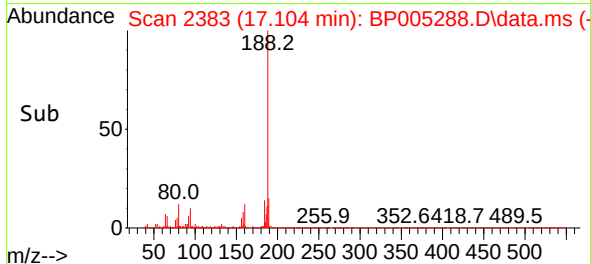
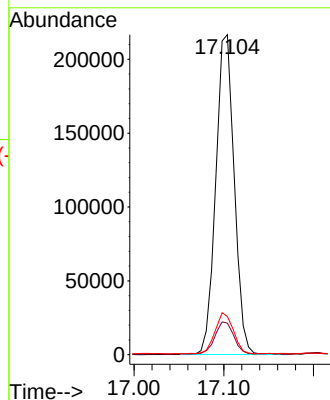
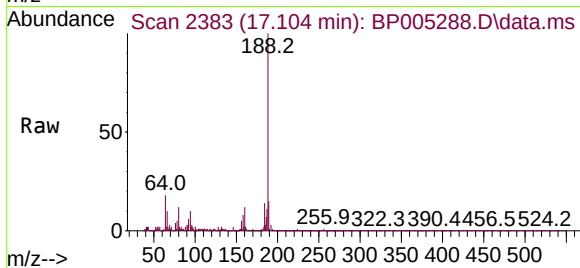




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

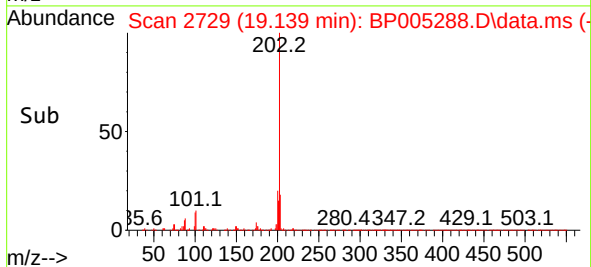
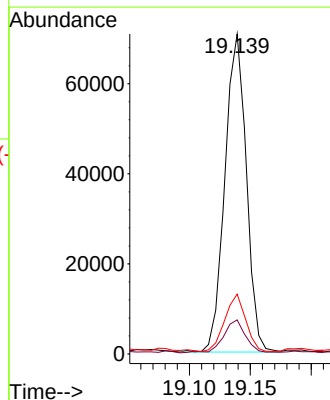
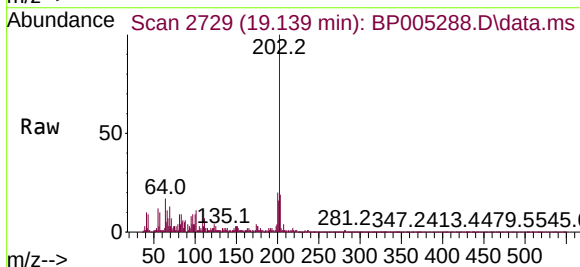
Instrument :
BNA_P
ClientSampled :
SB-5A

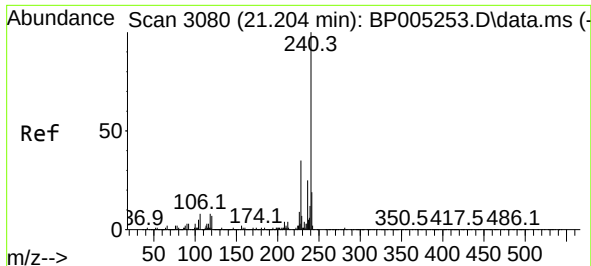
Tgt Ion:188 Resp: 309409
Ion Ratio Lower Upper
188 100
94 9.9 6.2 9.2#
80 11.9 6.2 9.2#



#75
Fluoranthene
Concen: 4.03 ng
RT: 19.139 min Scan# 2729
Delta R.T. 0.012 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion:202 Resp: 86539
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.4
203 18.7 0.0 37.8

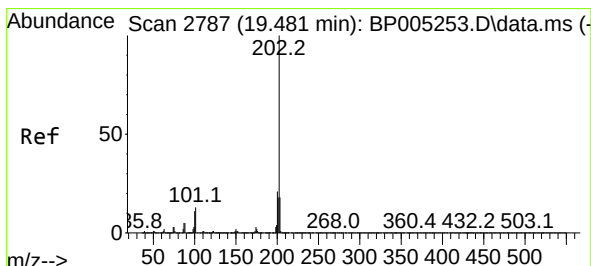
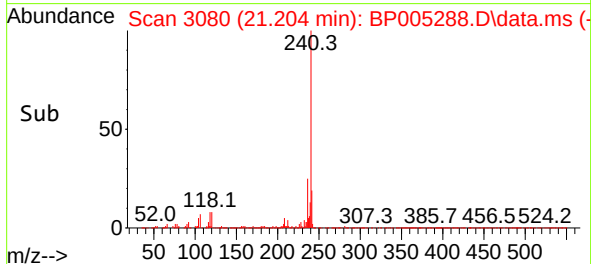
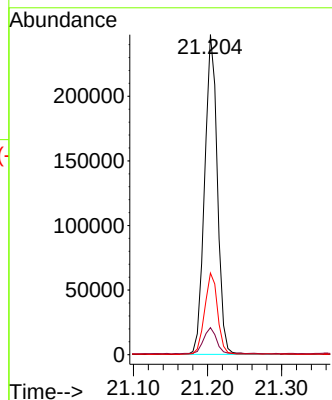
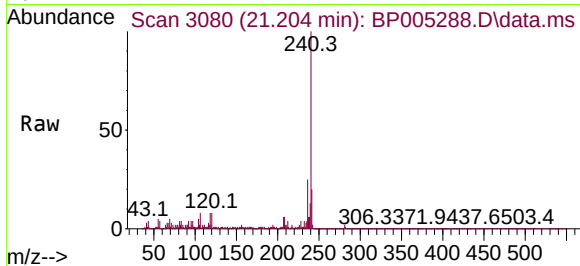




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

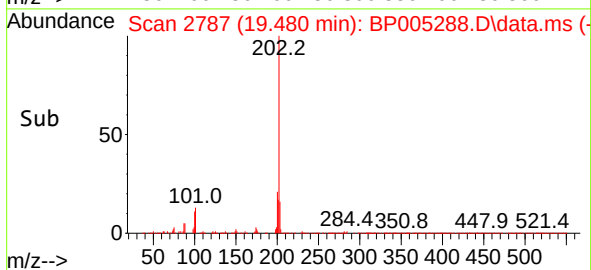
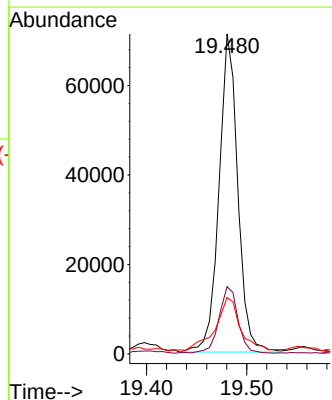
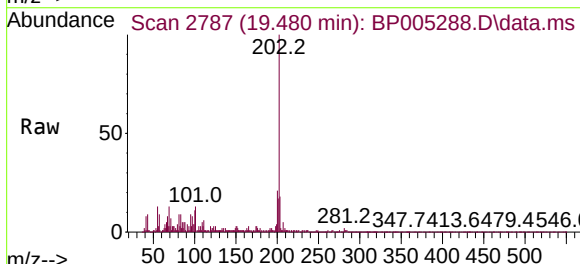
Instrument :
BNA_P
ClientSampled :
SB-5A

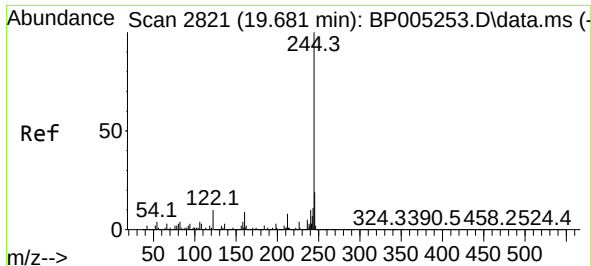
Tgt Ion:240 Resp: 294879
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 25.5 20.8 31.2



#78
Pyrene
Concen: 5.04 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion:202 Resp: 92414
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.7 14.2 21.2

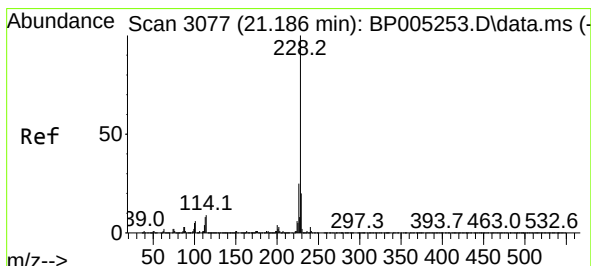
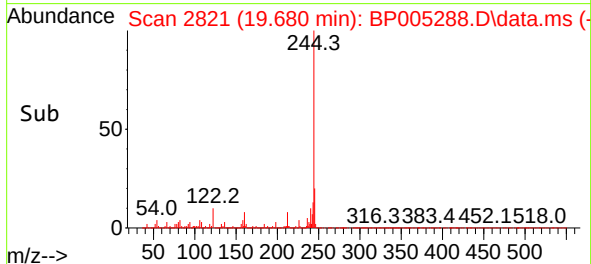
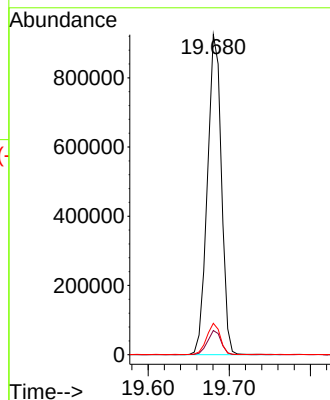
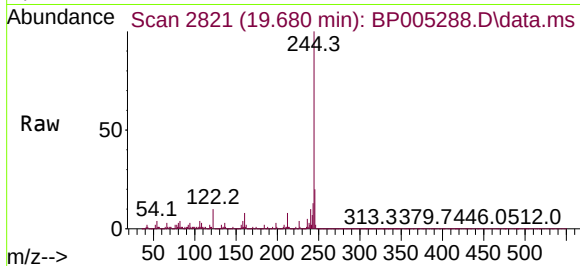




#79
 Terphenyl-d14
 Concen: 73.52 ng
 RT: 19.680 min Scan# 2821
 Delta R.T. -0.000 min
 Lab File: BP005288.D
 Acq: 13 Apr 2021 15:44

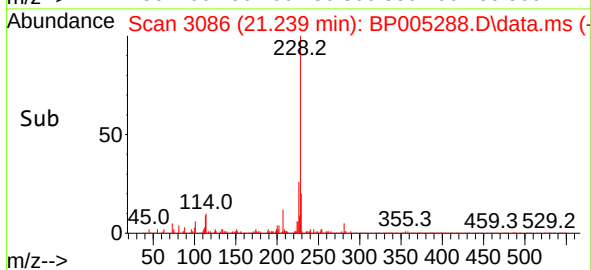
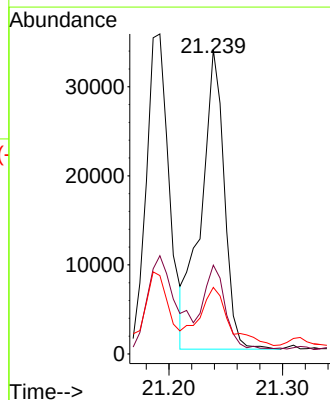
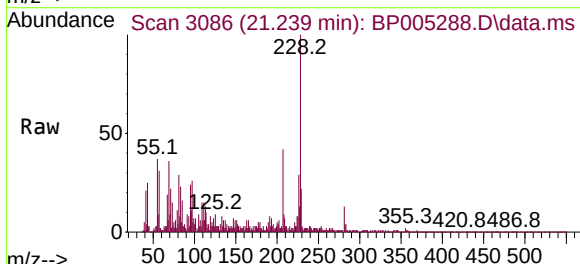
Instrument :
 BNA_P
 ClientSampled :
 SB-5A

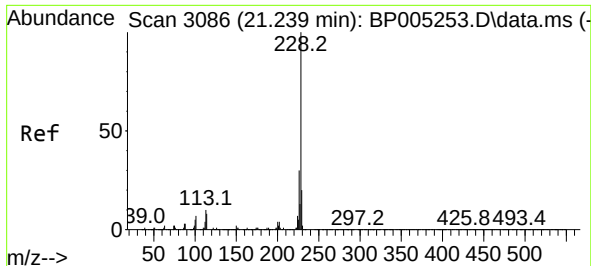
Tgt Ion:244 Resp: 1103620
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 9.8 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.45 ng
 RT: 21.239 min Scan# 3086
 Delta R.T. 0.053 min
 Lab File: BP005288.D
 Acq: 13 Apr 2021 15:44

Tgt Ion:228 Resp: 47755
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.1 33.1
 229 21.9 15.9 23.9

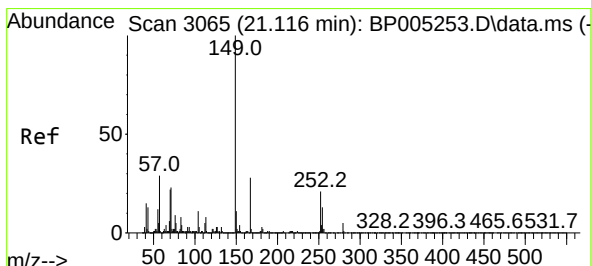
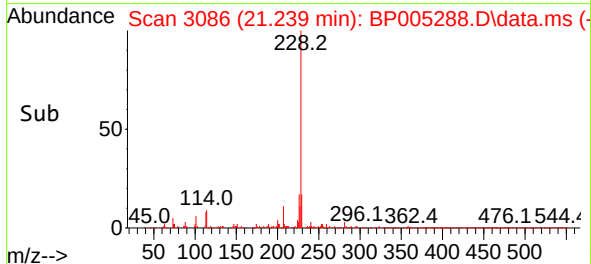
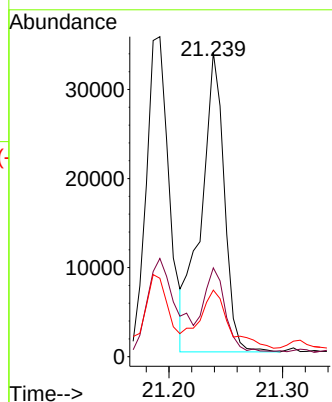
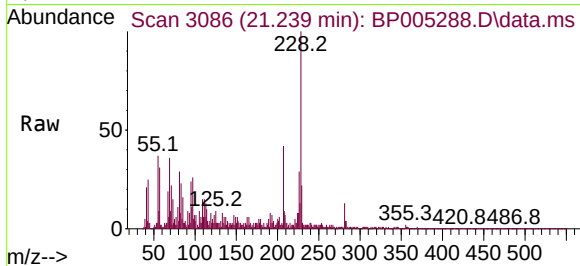




#83
Chrysene
Concen: 2.52 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

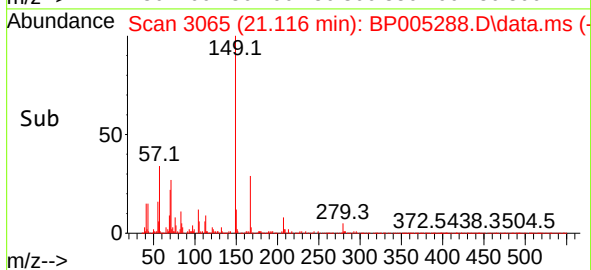
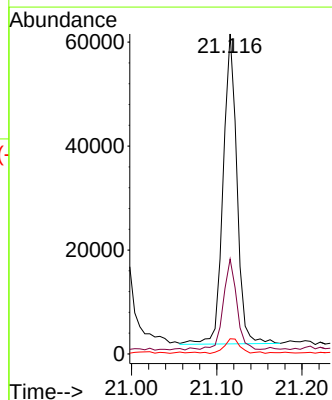
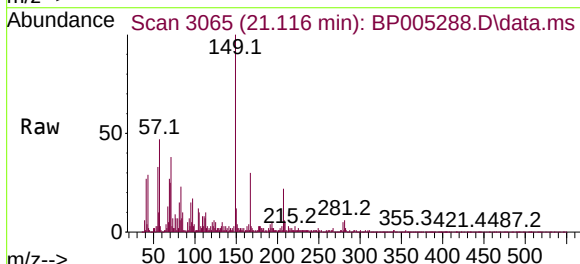
Instrument :
BNA_P
ClientSampleId :
SB-5A

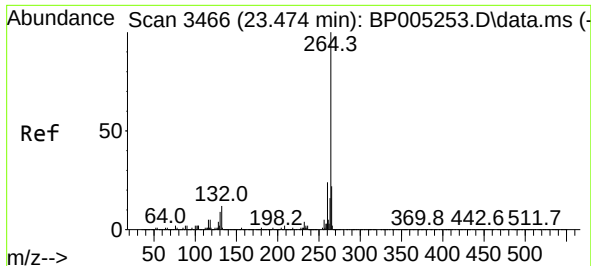
Tgt Ion:228	Resp:	47755
Ion Ratio	Lower	Upper
228	100	
226	29.2	24.4 36.6
229	21.9	15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.25 ng
RT: 21.116 min Scan# 3065
Delta R.T. -0.000 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion:149	Resp:	67214
Ion Ratio	Lower	Upper
149	100	
167	29.6	22.6 34.0
279	4.8	4.2 6.2



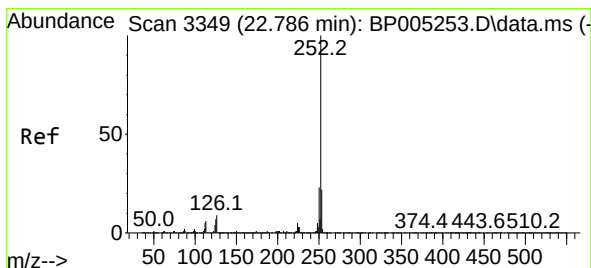
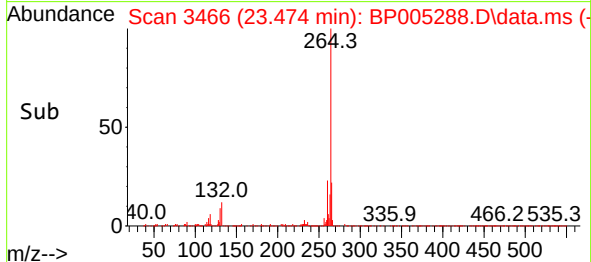
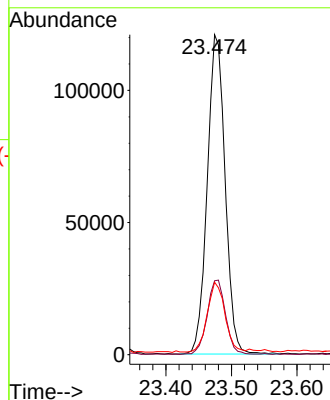
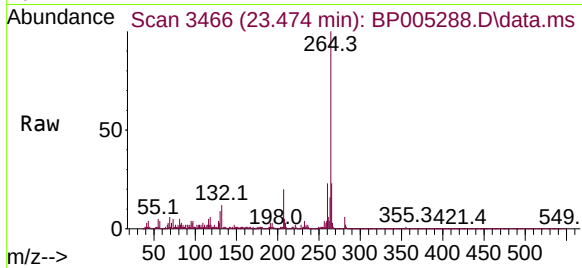


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.474 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Instrument :
BNA_P
ClientSampled :
SB-5A

Tgt Ion:264 Resp: 228974

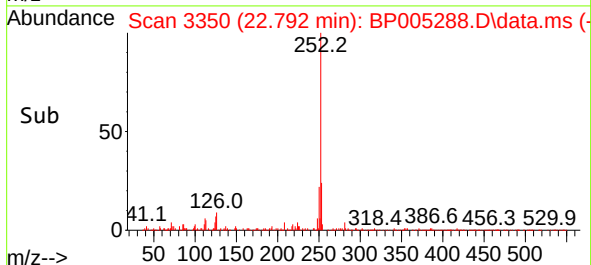
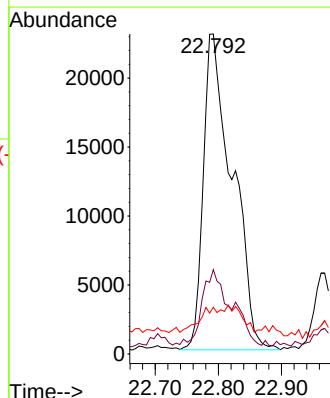
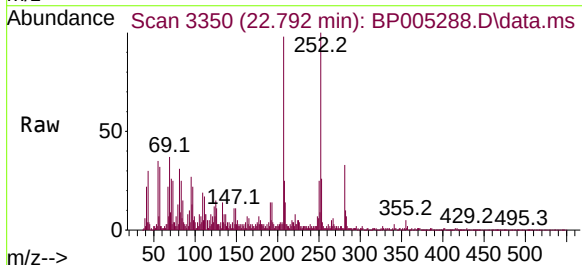
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	22.7	17.4	26.2

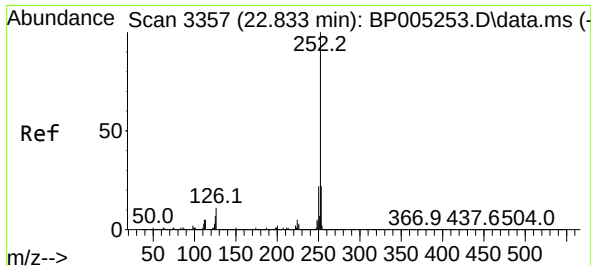


#88
Benzo(b)fluoranthene
Concen: 4.88 ng
RT: 22.792 min Scan# 3350
Delta R.T. 0.006 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion:252 Resp: 73124

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.6	26.4
125	14.6	7.3	10.9

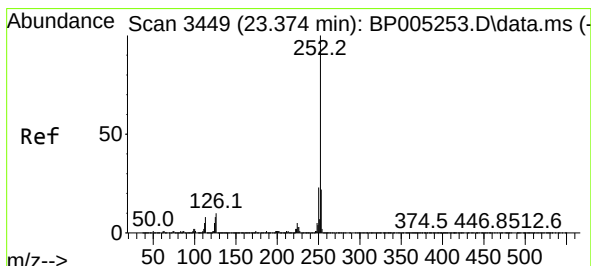
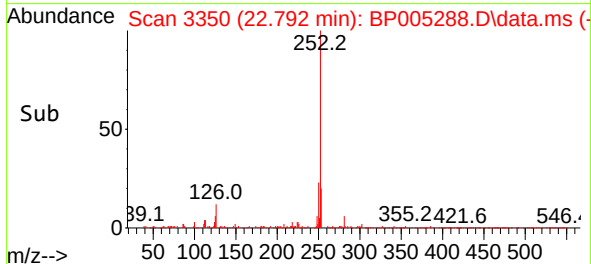
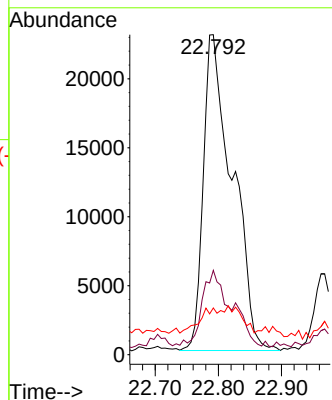
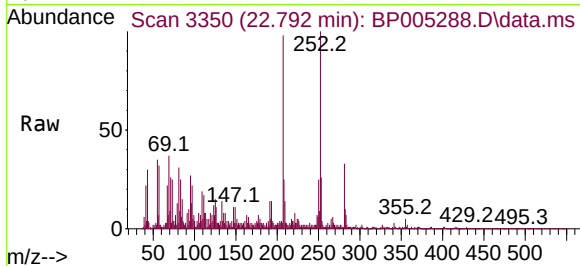




#89
Benzo(k)fluoranthene
Concen: 5.09 ng
RT: 22.792 min Scan# 3350
Delta R.T. -0.041 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Instrument :
BNA_P
ClientSampled :
SB-5A

Tgt Ion:252 Resp: 73124
Ion Ratio Lower Upper
252 100
253 26.4 17.8 26.8
125 14.6 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 3.06 ng
RT: 23.374 min Scan# 3449
Delta R.T. -0.000 min
Lab File: BP005288.D
Acq: 13 Apr 2021 15:44

Tgt Ion:252 Resp: 42486
Ion Ratio Lower Upper
252 100
253 25.7 17.4 26.0
125 14.9 8.2 12.4#

