

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005263.D
 Acq On : 12 Apr 2021 11:42
 Operator : CG/JU
 Sample : M1946-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FS-SB10X

Quant Time: Apr 12 12:17:00 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)

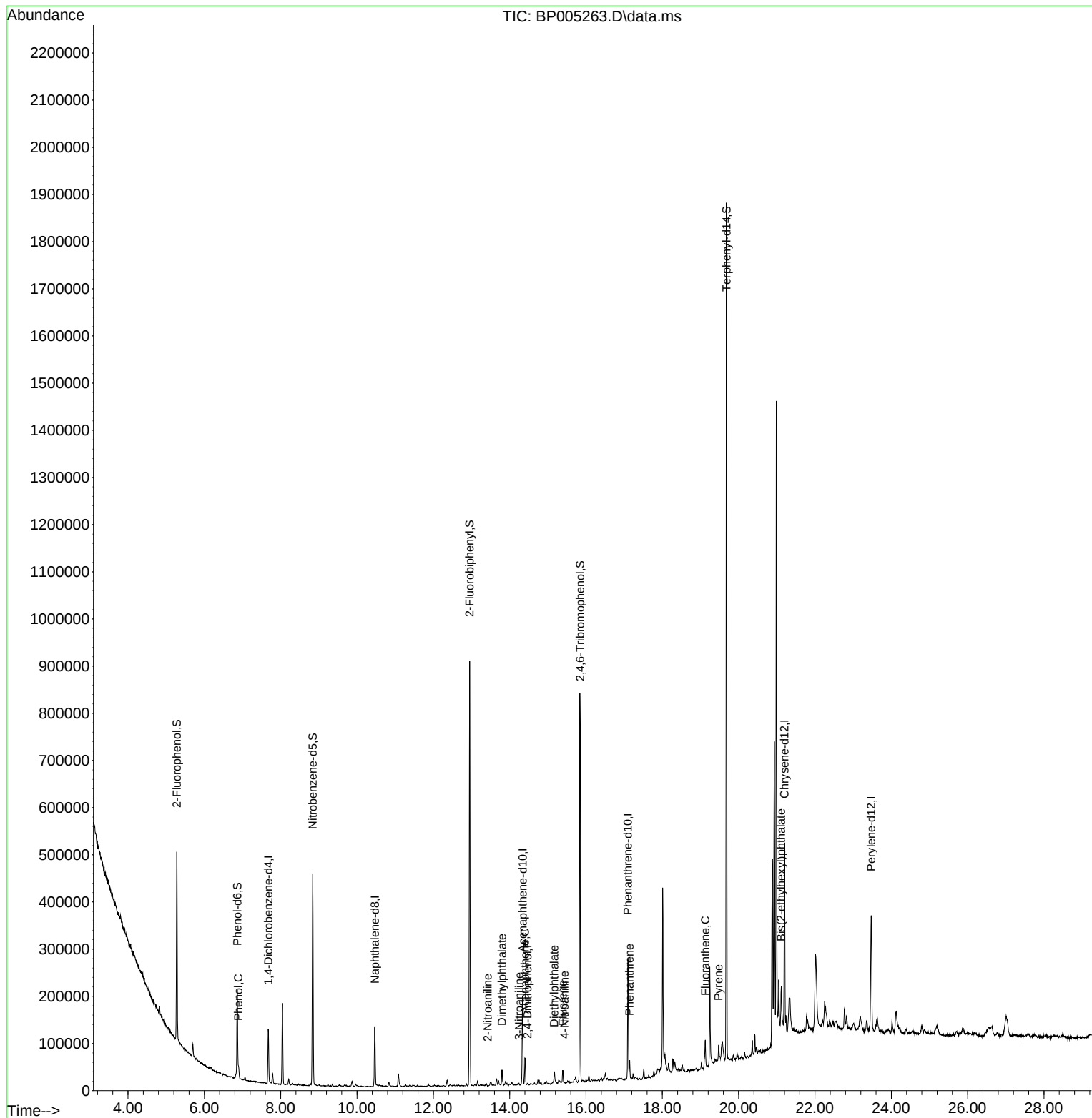
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	23602	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	77764	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	50812	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	129020	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	168292	20.00	ng	0.00
86) Perylene-d12	23.474	264	164040	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	158247	70.37	ng	0.00
7) Phenol-d6	6.863	99	94144	36.69	ng	0.00
23) Nitrobenzene-d5	8.840	82	263625	106.91	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	107689	167.90	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	366413	97.35	ng	0.00
79) Terphenyl-d14	19.680	244	707166	82.55	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.893	94	6287	2.39	ng	69
48) 2-Nitroaniline	13.422	65	91	3.58	ng	# 21
50) Dimethylphthalate	13.798	163	14945	4.01	ng	98
52) Acenaphthene	14.398	154	16581	5.77	ng	93
53) 3-Nitroaniline	14.251	138	22	2.50	ng	# 52
54) 2,4-Dinitrophenol	14.469	184	17	6.18	ng	# 1
58) Fluorene	15.392	166	9310	2.40	ng	# 89
60) Diethylphthalate	15.169	149	15440	4.05	ng	94
62) 4-Nitroaniline	15.439	138	157	2.25	ng	87
71) Phenanthrene	17.145	178	20056	2.75	ng	99
75) Fluoranthene	19.127	202	24680	2.76	ng	97
78) Pyrene	19.475	202	21222	2.03	ng	96
84) Bis(2-ethylhexyl)phtha...	21.116	149	18901	3.08	ng	# 94

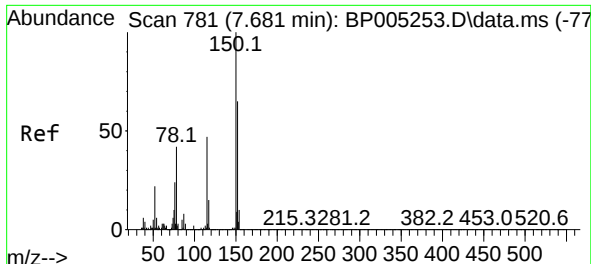
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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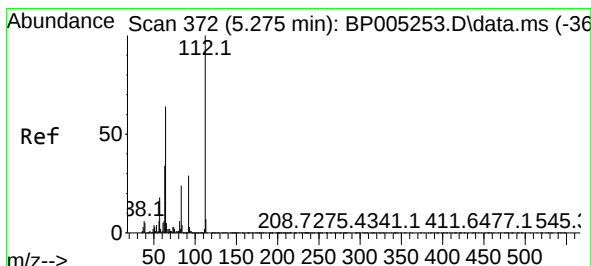
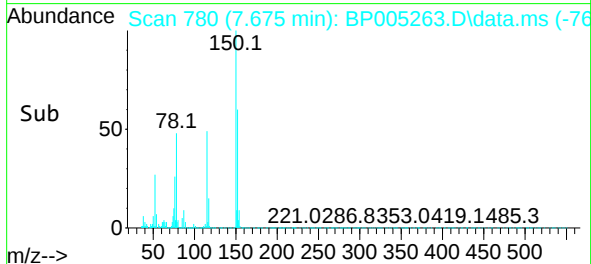
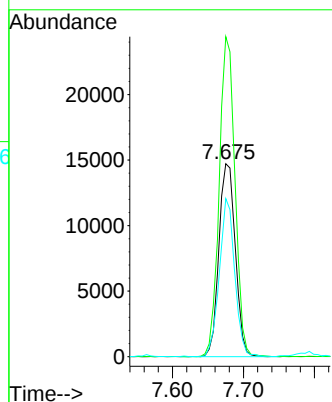
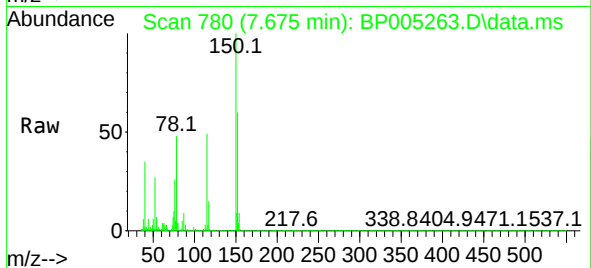




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

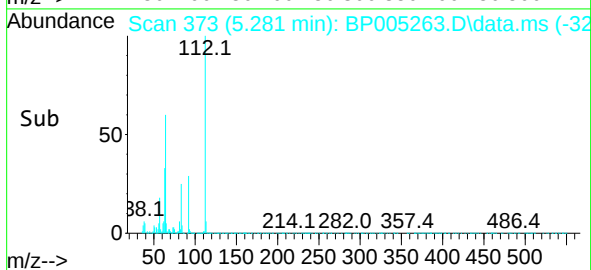
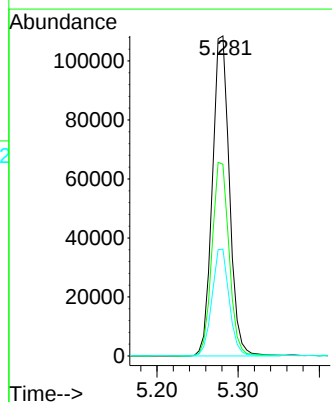
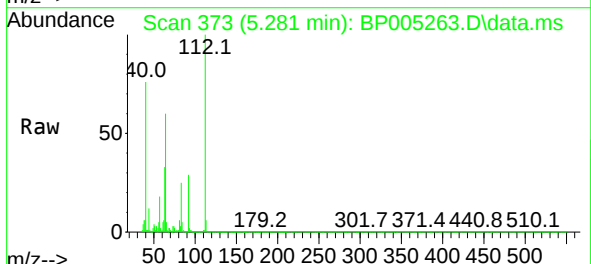
Instrument :
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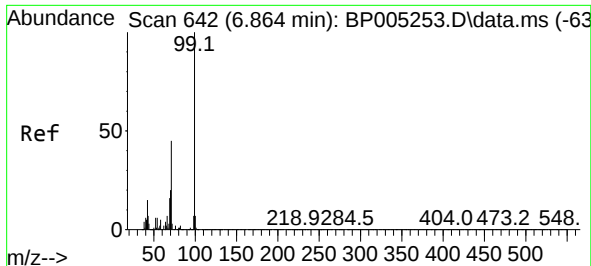
Tgt Ion:152 Resp: 23602
Ion Ratio Lower Upper
152 100
150 165.8 123.8 185.6
115 81.9 43.8 65.6#



#5
2-Fluorophenol
Concen: 70.37 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion:112 Resp: 158247
Ion Ratio Lower Upper
112 100
64 59.9 32.8 49.2#
63 33.4 17.0 25.4#

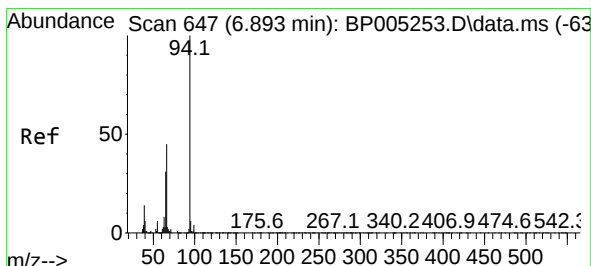
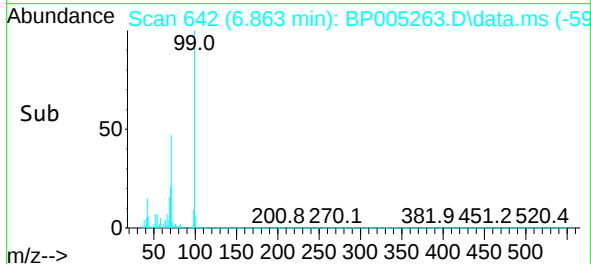
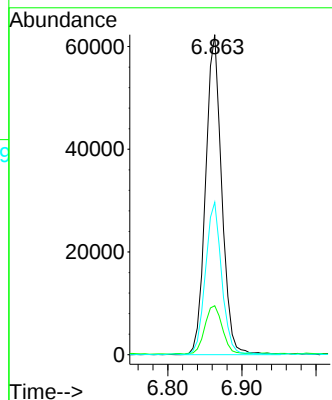
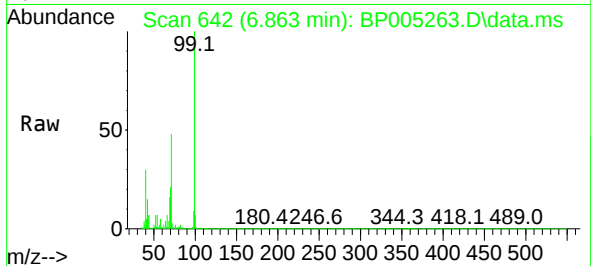




#7
Phenol-d6
Concen: 36.69 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

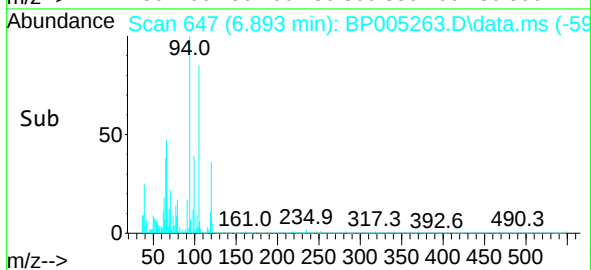
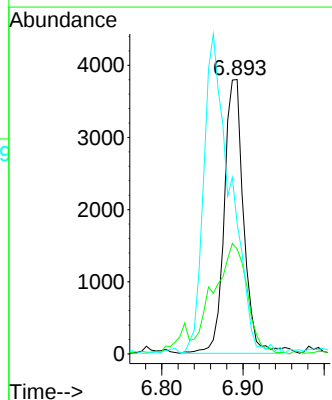
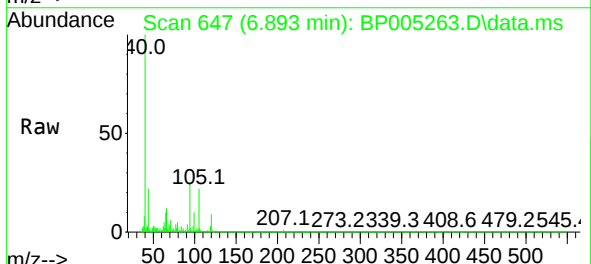
Instrument :
BNA_P
ClientSampleId :
FS-SB10X

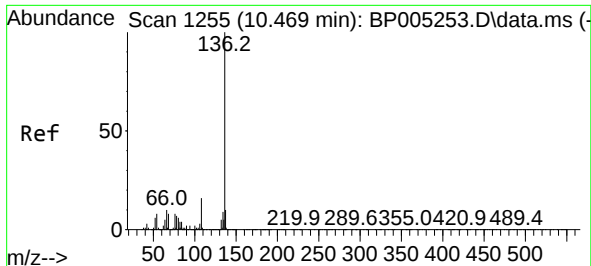
Tgt Ion: 99 Resp: 94144
Ion Ratio Lower Upper
99 100
42 15.3 8.6 13.0#
71 47.7 23.4 35.2#



#10
Phenol
Concen: 2.39 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion: 94 Resp: 6287
Ion Ratio Lower Upper
94 100
65 38.2 2.3 42.3
66 47.5 10.9 50.9

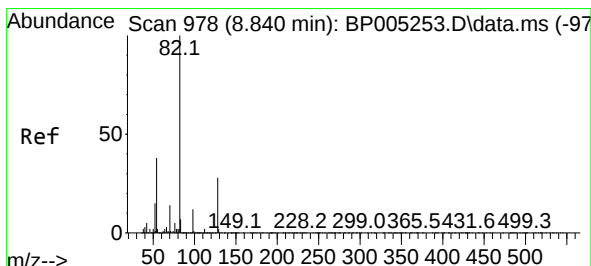
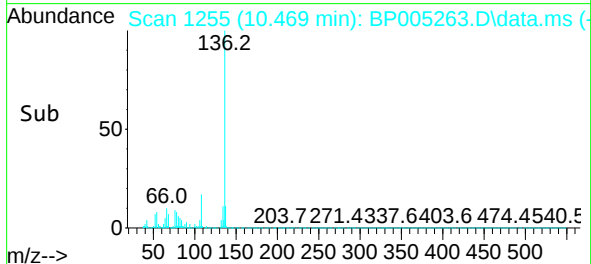
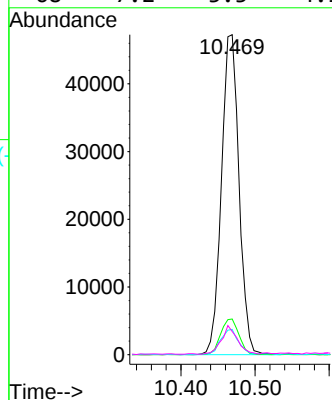
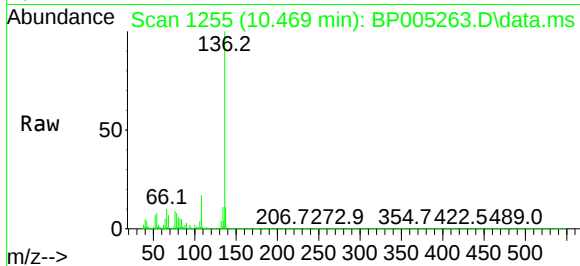




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

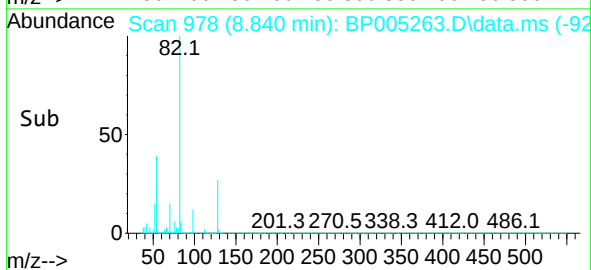
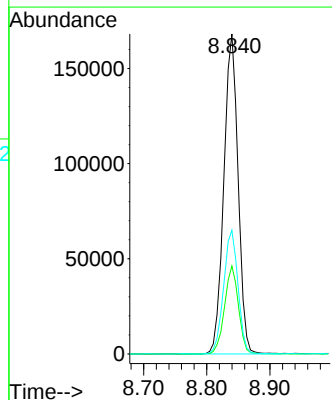
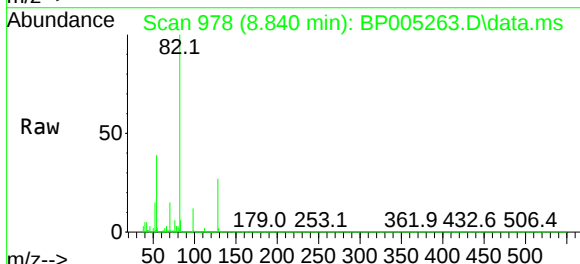
Instrument :
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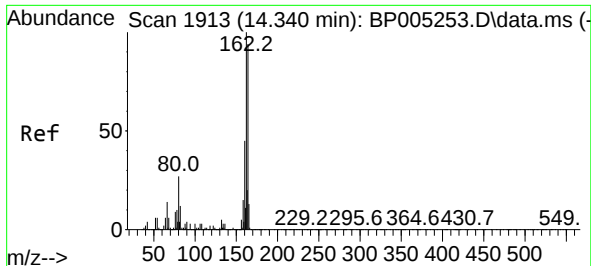
Tgt Ion:	136	Resp:	77764
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.9	3.6	5.4#
68	7.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 106.91 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion:	82	Resp:	263625
Ion	Ratio	Lower	Upper
82	100		
128	27.5	45.6	68.4#
54	38.6	30.1	45.1

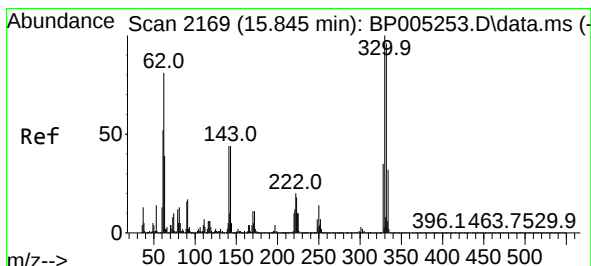
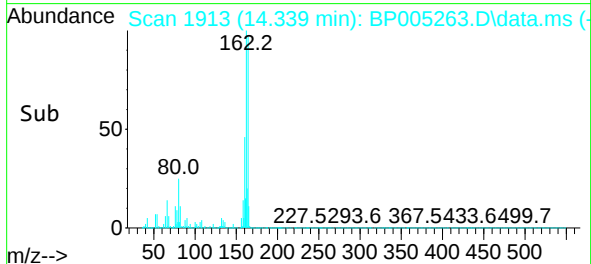
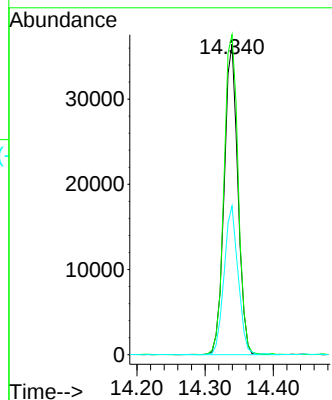
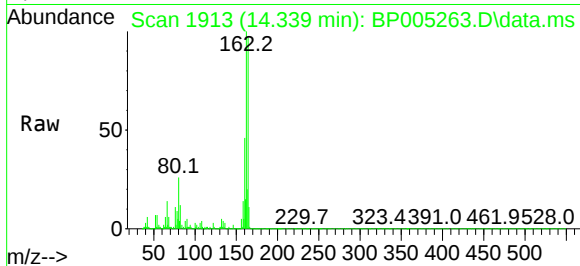




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

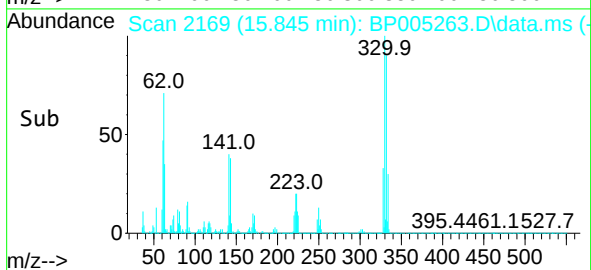
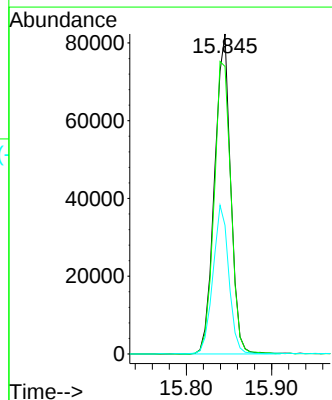
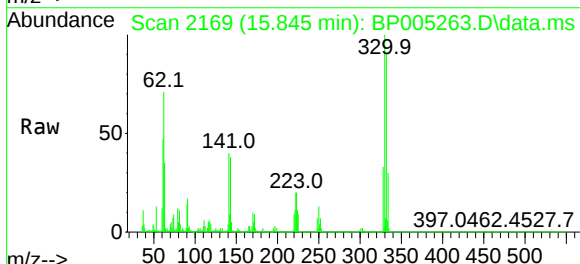
Instrument :
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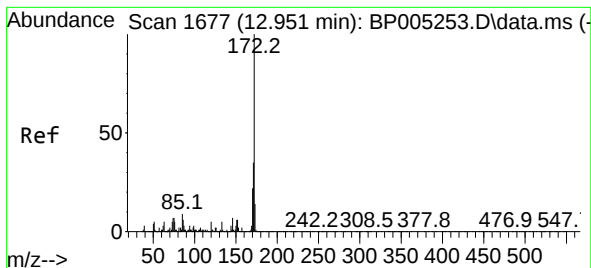
Tgt Ion:164 Resp: 50812
Ion Ratio Lower Upper
164 100
162 103.1 79.4 119.2
160 47.9 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 167.90 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion:330 Resp: 107689
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 45.9 23.4 35.2#

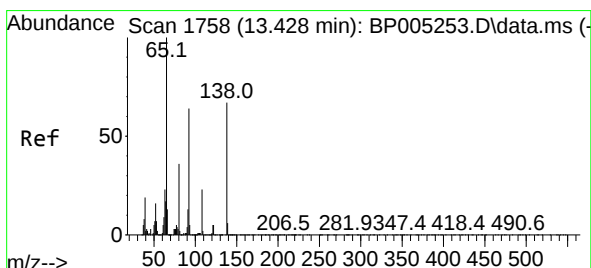
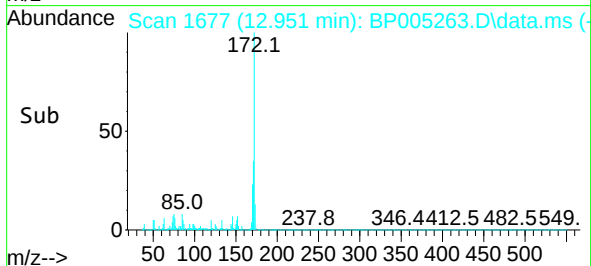
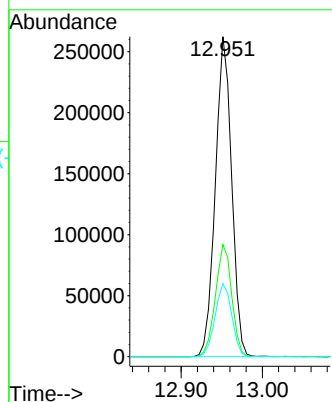
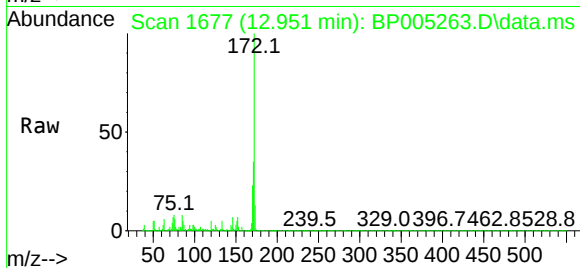




#45
2-Fluorobiphenyl
Concen: 97.35 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

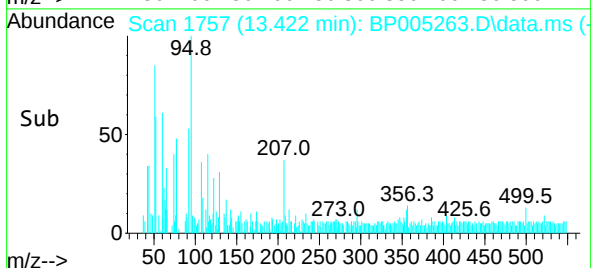
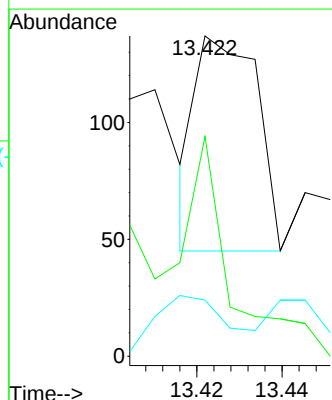
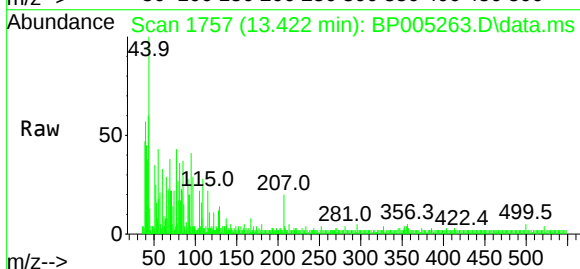
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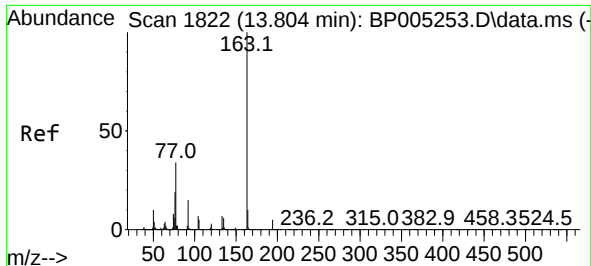
Tgt Ion:172 Resp: 366413
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.9 19.2 28.8



#48
2-Nitroaniline
Concen: 3.58 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion: 65 Resp: 91
Ion Ratio Lower Upper
65 100
92 68.6 70.6 106.0#
138 17.5 133.6 200.4#

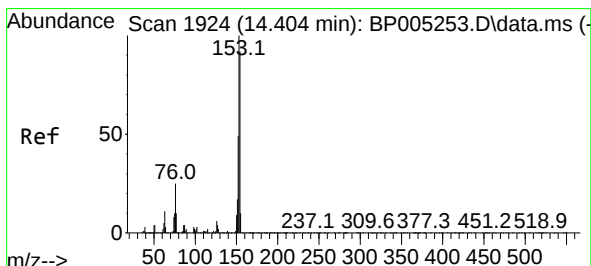
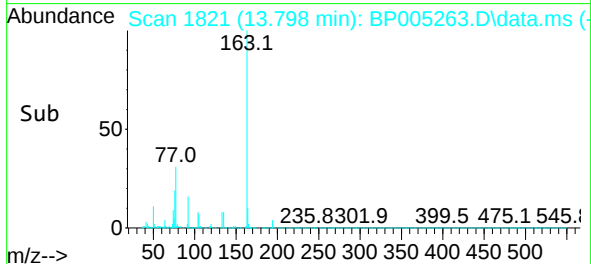
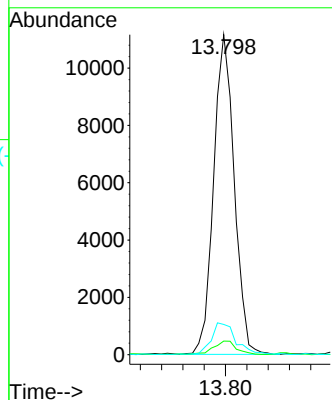
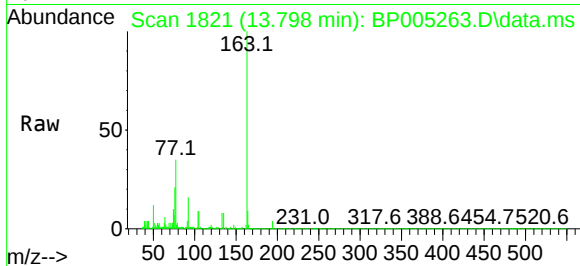




#50
Dimethylphthalate
Concen: 4.01 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

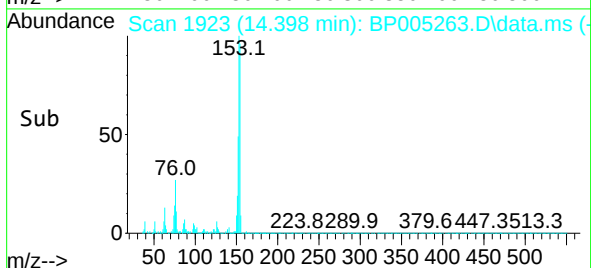
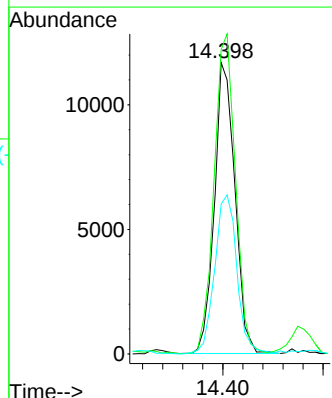
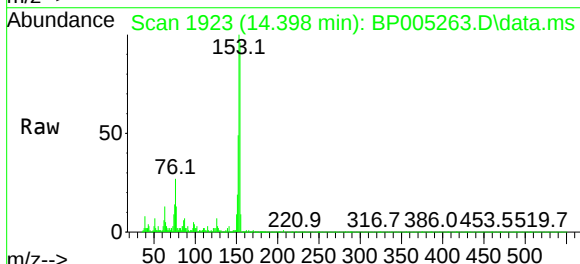
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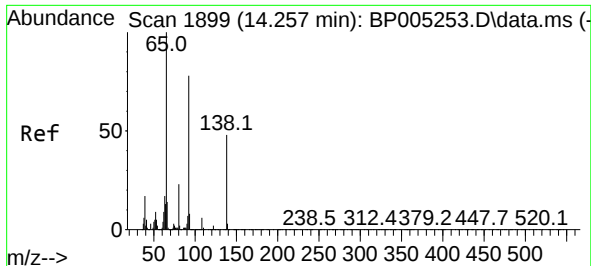
Tgt Ion:163	Resp:	14945
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.3 4.9
164	9.5	8.2 12.2



#52
Acenaphthene
Concen: 5.77 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion:154	Resp:	16581
Ion Ratio	Lower	Upper
154	100	
153	104.4	91.0 136.6
152	51.5	43.0 64.6

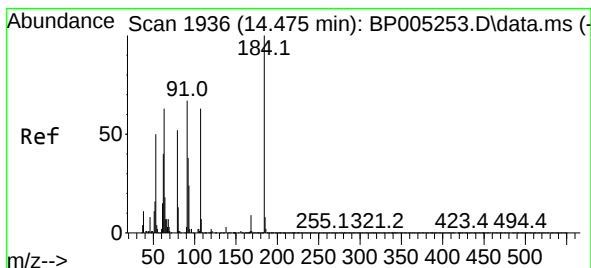
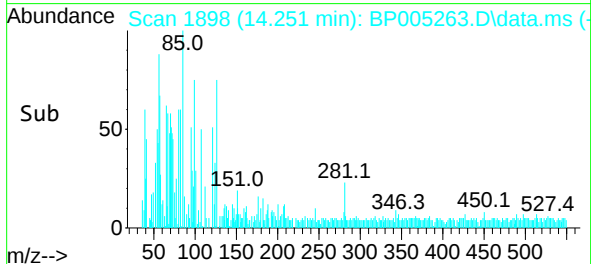
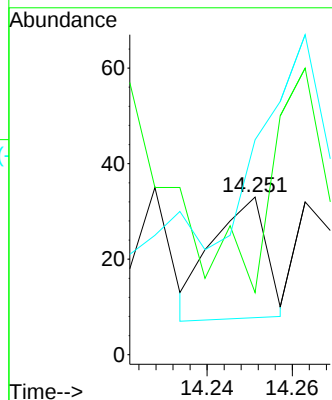
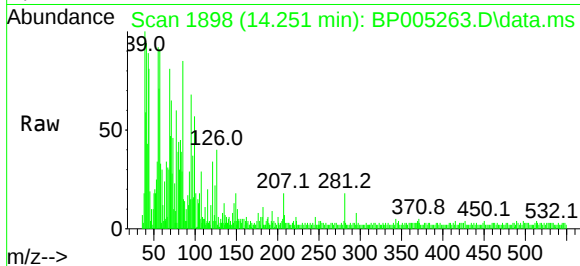




#53
3-Nitroaniline
Concen: 2.50 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

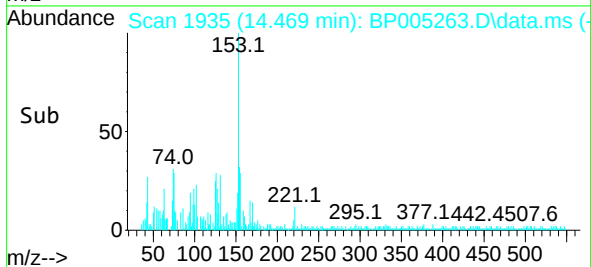
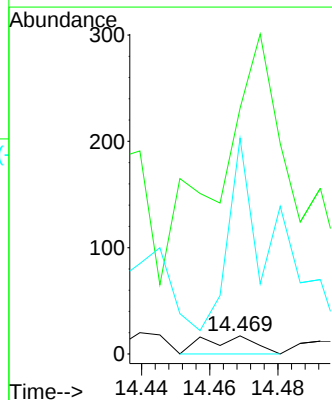
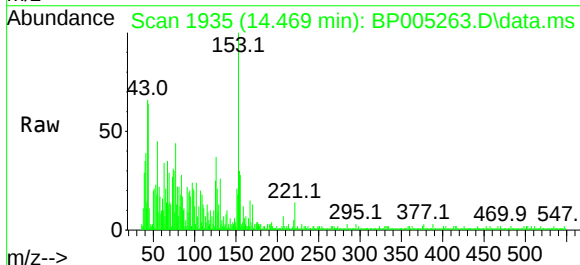
Instrument :
BNA_P
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FS-SB10X

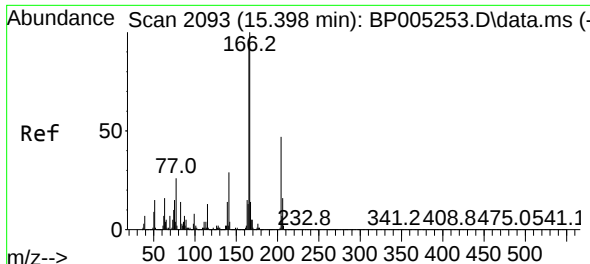
Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
108 39.4 7.5 11.3#
92 136.4 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 6.18 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 1358.8 32.3 48.5#
154 1194.1 49.1 73.7#

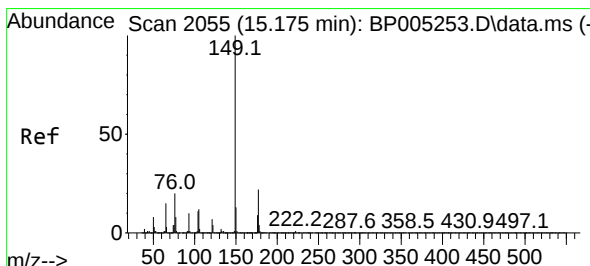
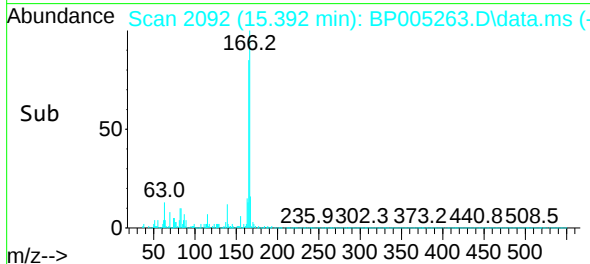
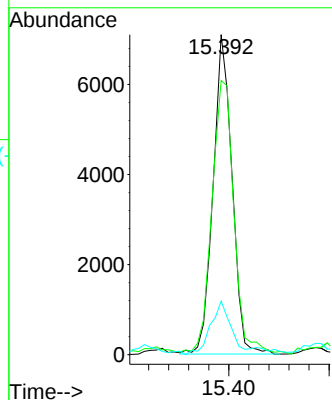
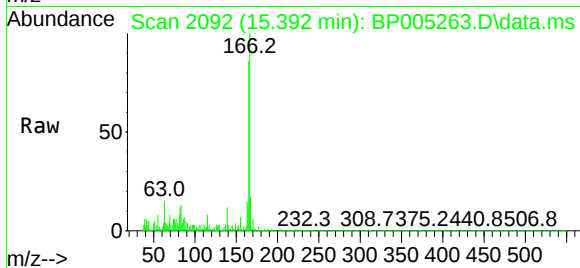




#58
Fluorene
Concen: 2.40 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

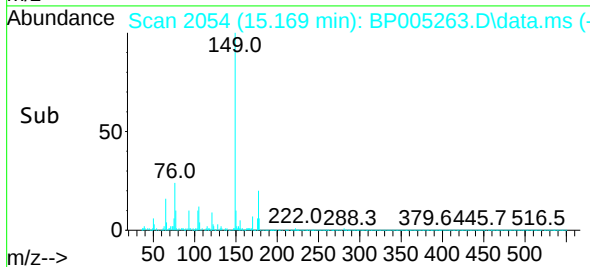
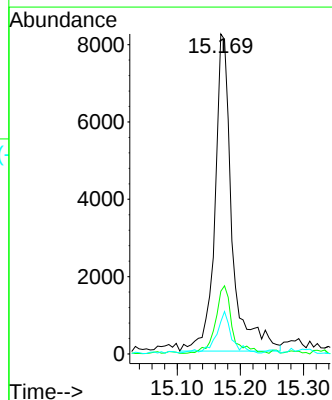
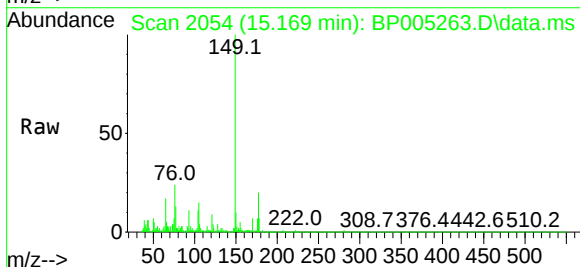
Instrument :
BNA_P
ClientSampleId :
FS-SB10X

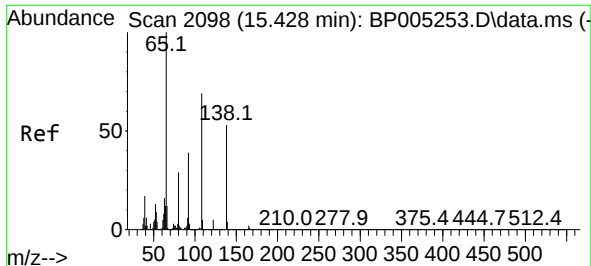
Tgt Ion:166 Resp: 9310
Ion Ratio Lower Upper
166 100
165 85.7 77.8 116.8
167 16.7 11.0 16.4#



#60
Diethylphthalate
Concen: 4.05 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion:149 Resp: 15440
Ion Ratio Lower Upper
149 100
177 19.6 18.0 27.0
150 10.1 10.0 15.0

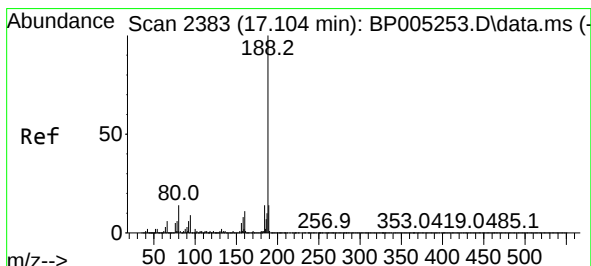
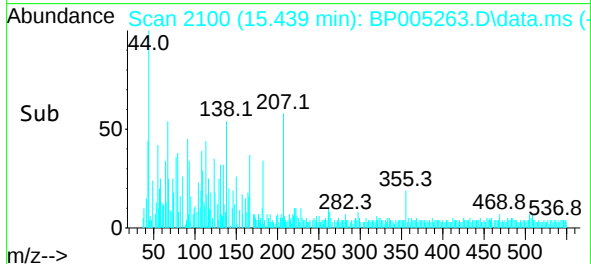
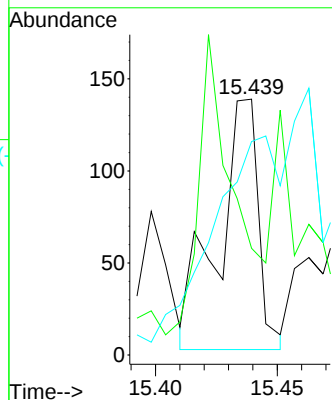
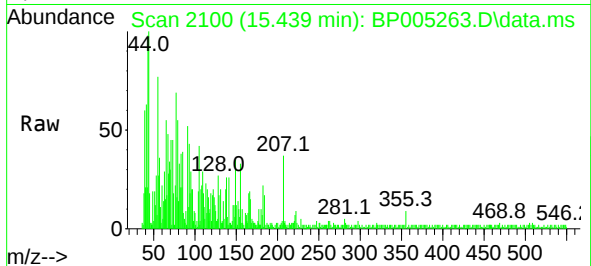




#62
4-Nitroaniline
Concen: 2.25 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.011 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

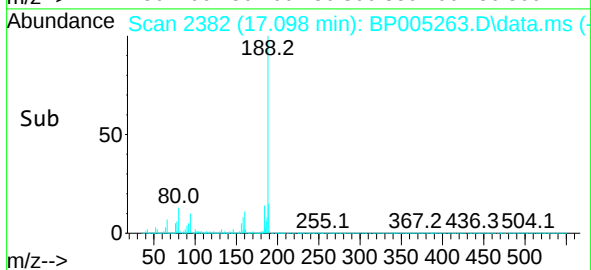
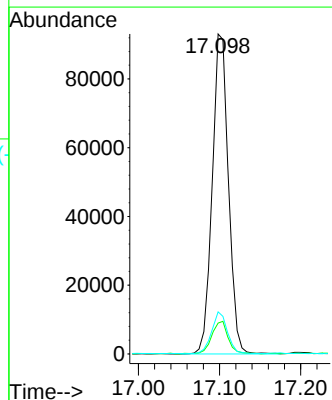
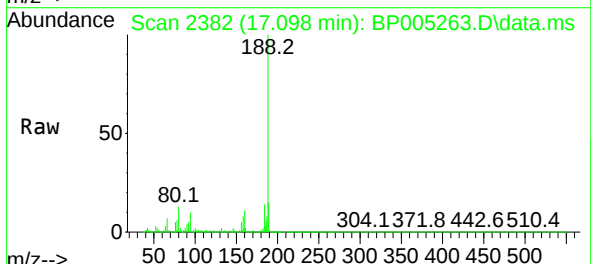
Instrument :
BNA_P
ClientSampleId :
FS-SB10X

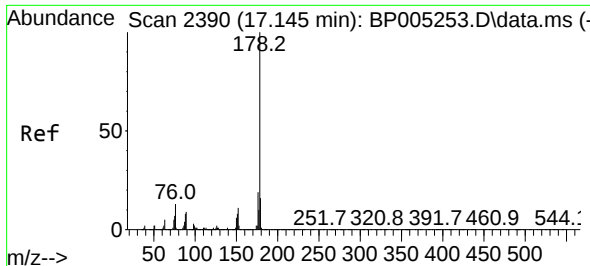
Tgt Ion:138 Resp: 157
Ion Ratio Lower Upper
138 100
92 41.7 20.7 60.7
108 83.5 47.8 87.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion:188 Resp: 129020
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.2#
80 13.1 6.2 9.2#

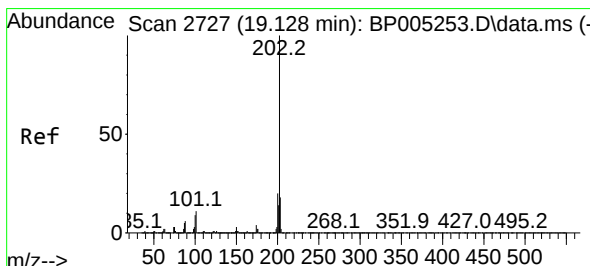
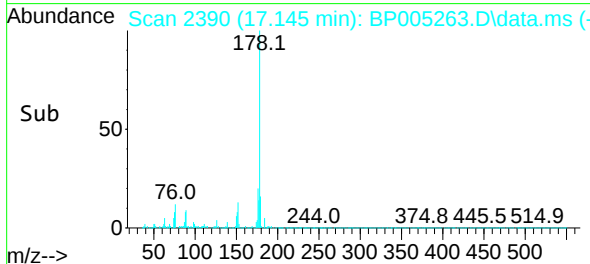
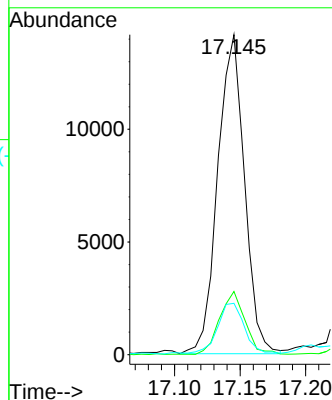
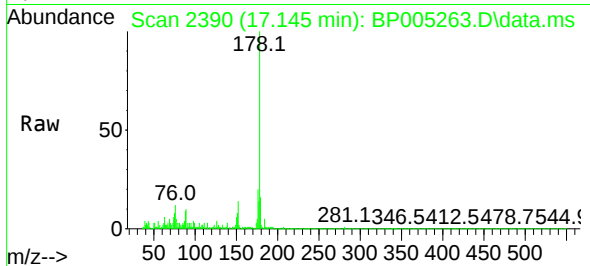




#71
Phenanthrene
Concen: 2.75 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

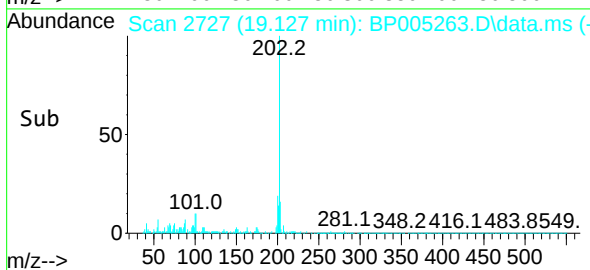
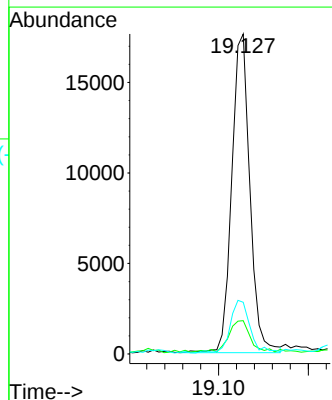
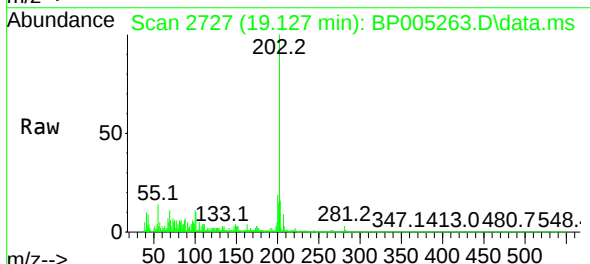
Instrument :
BNA_P
ClientSampleId :
FS-SB10X

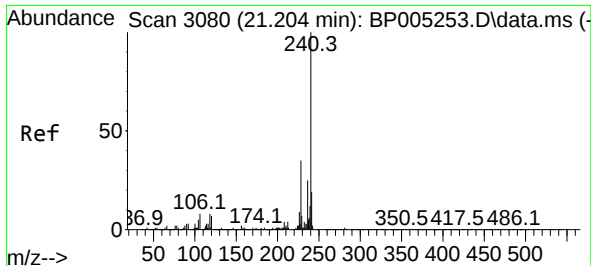
Tgt Ion:178	Resp:	20056
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.3 22.9
179	16.1	12.5 18.7



#75
Fluoranthene
Concen: 2.76 ng
RT: 19.127 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion:202	Resp:	24680
Ion Ratio	Lower	Upper
202	100	
101	10.4	0.0 29.4
203	16.2	0.0 37.8

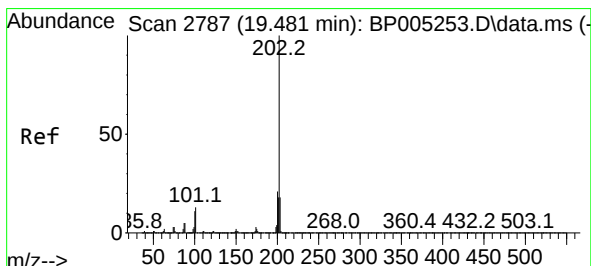
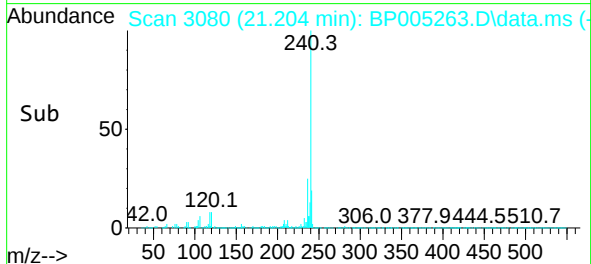
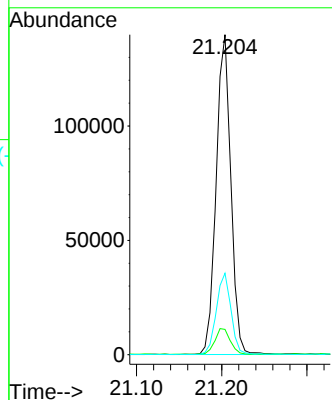
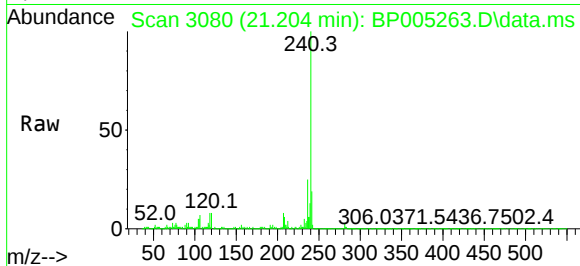




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

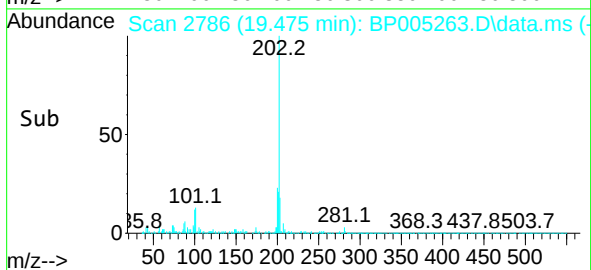
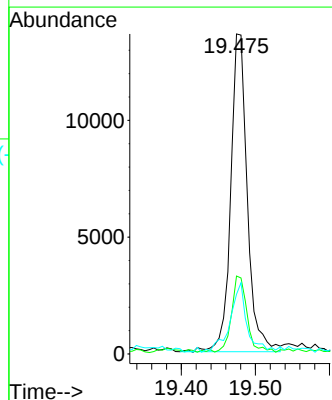
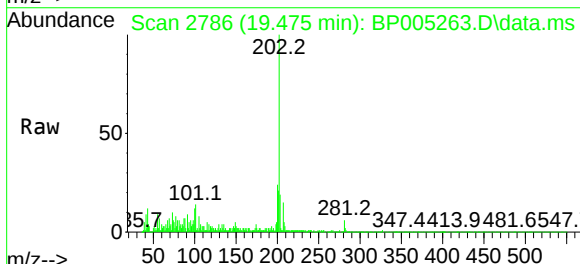
Instrument :
BNA_P
ClientSampleId :
FS-SB10X

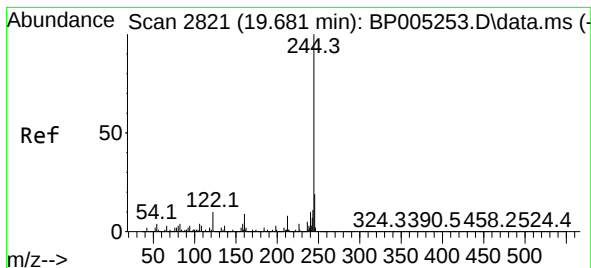
Tgt Ion:240 Resp: 168292
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.6
236 25.5 20.8 31.2



#78
Pyrene
Concen: 2.03 ng
RT: 19.475 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion:202 Resp: 21222
Ion Ratio Lower Upper
202 100
200 24.4 17.1 25.7
203 18.6 14.2 21.2

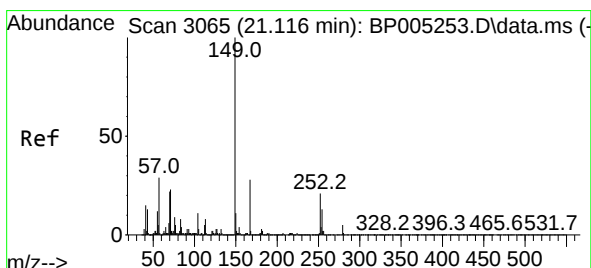
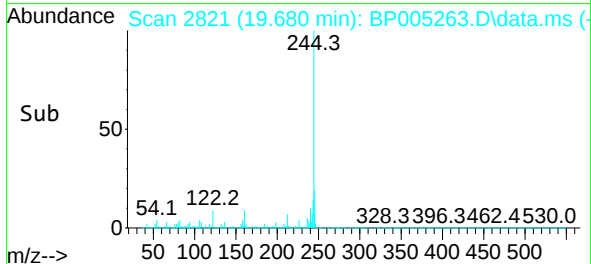
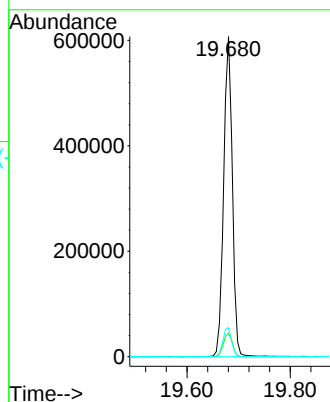
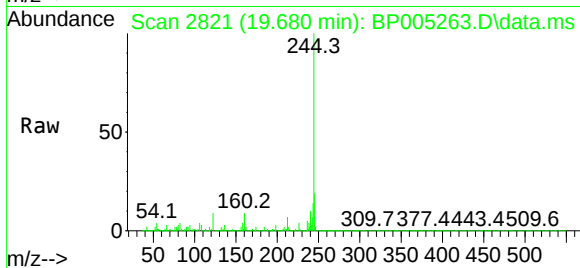




#79
Terphenyl-d14
Concen: 82.55 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

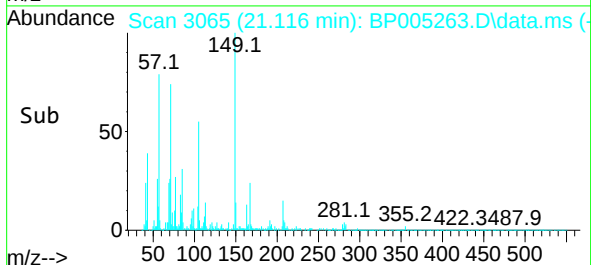
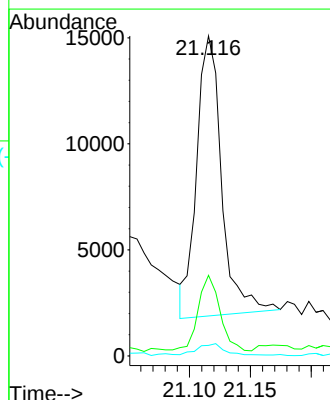
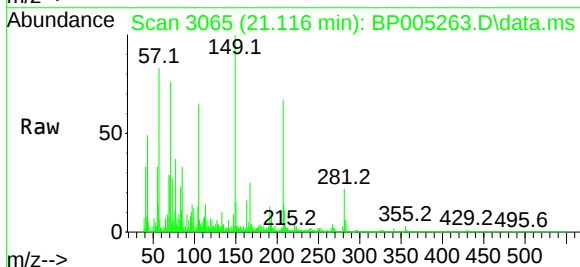
Instrument :
BNA_P
ClientSampleId :
FS-SB10X

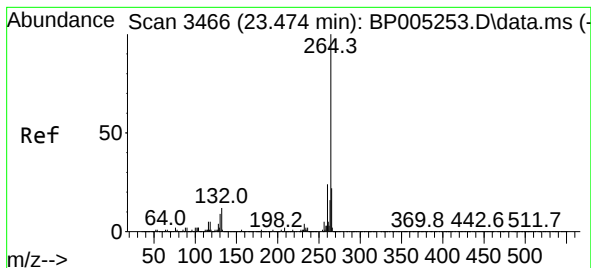
Tgt Ion:244 Resp: 707166
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.1 7.8 11.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.08 ng
RT: 21.116 min Scan# 3065
Delta R.T. -0.000 min
Lab File: BP005263.D
Acq: 12 Apr 2021 11:42

Tgt Ion:149 Resp: 18901
Ion Ratio Lower Upper
149 100
167 25.2 22.6 34.0
279 3.3 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: BP005263.D

Acq: 12 Apr 2021 11:42

Instrument :

BNA_P

ClientSampleId :

FS-SB10X

Tgt Ion:264 Resp: 164040

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 20.8 17.4 26.2

