

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004713.D
 Acq On : 11 Feb 2021 13:28
 Operator : CG/JU
 Sample : M1353-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T1980-300853

Quant Time: Feb 11 14:28:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 05 18:04:48 2021
 Response via : Initial Calibration

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

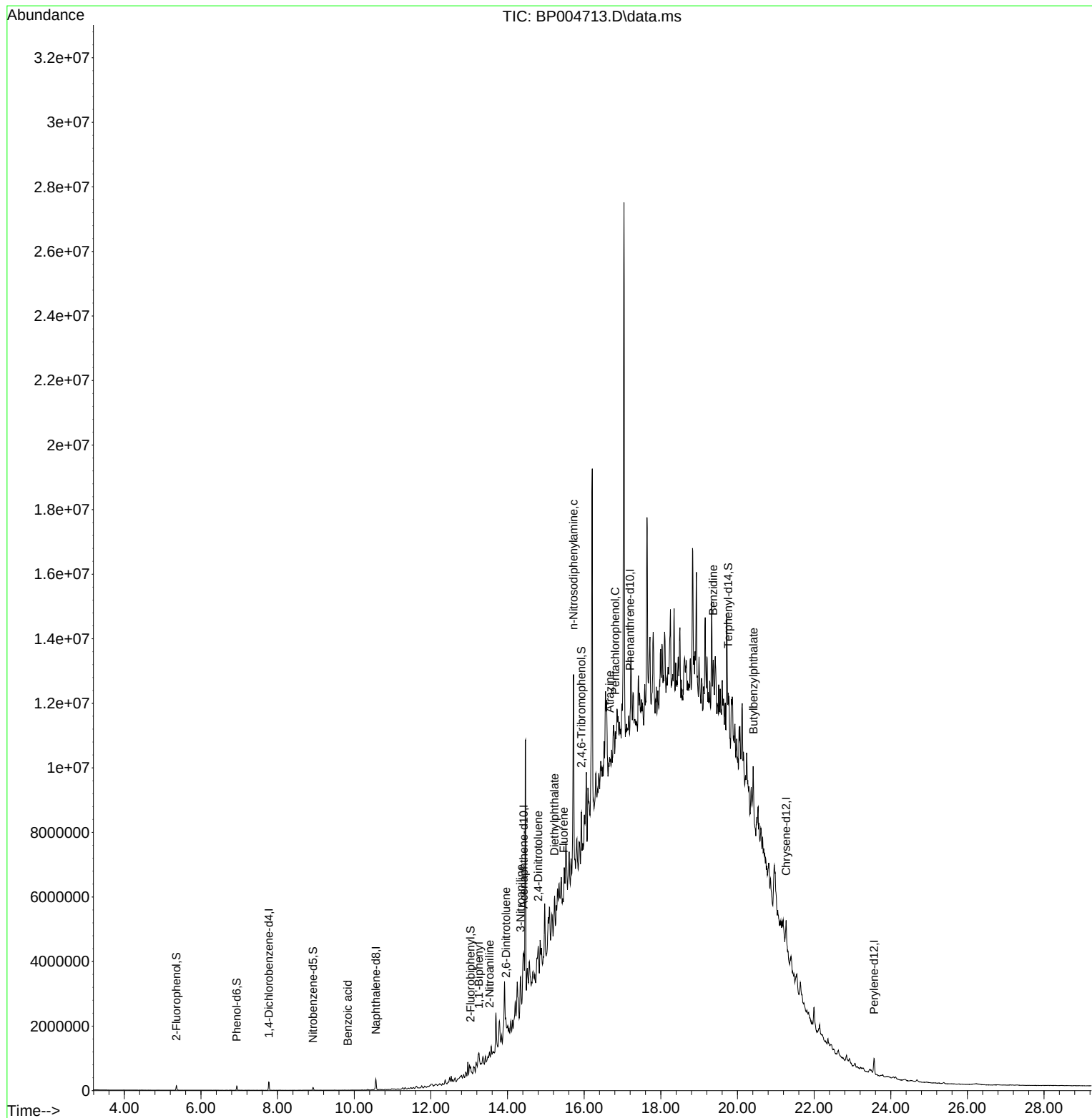
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	66654	20.00	ng	0.00
21) Naphthalene-d8	10.563	136	253409	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	168119	20.00	ng	0.00
64) Phenanthrene-d10	17.198	188	362788	20.00	ng	# 0.02
76) Chrysene-d12	21.269	240	345110	20.00	ng	# 0.01
86) Perylene-d12	23.568	264	326212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	62511	14.48	ng	0.00
7) Phenol-d6	6.934	99	74376	12.53	ng	0.00
23) Nitrobenzene-d5	8.922	82	48320	8.31	ng	-0.01
42) 2,4,6-Tribromophenol	15.928	330	28972	12.97	ng	0.01
45) 2-Fluorobiphenyl	13.034	172	104157	7.57	ng	0.00
79) Terphenyl-d14	19.757	244	181442	8.83	ng	0.02
Target Compounds						
						Qvalue
32) Benzoic acid	9.828	122	71	6.87	ng	# 1
46) 1,1'-Biphenyl	13.251	154	70100	4.98	ng	95
48) 2-Nitroaniline	13.528	65	9100	2.67	ng	# 1
51) 2,6-Dinitrotoluene	13.963	165	22963	7.71	ng	# 58
53) 3-Nitroaniline	14.340	138	7132	2.30	ng	# 12
57) 2,4-Dinitrotoluene	14.798	165	15024	3.68	ng	# 68
58) Fluorene	15.463	166	38040	2.73	ng	# 2
60) Diethylphthalate	15.222	149	58656	3.96	ng	# 44
66) n-Nitrosodiphenylamine	15.722	169	101231	8.58	ng	# 60
69) Atrazine	16.663	200	36806	9.51	ng	# 1
70) Pentachlorophenol	16.810	266	13272	4.66	ng	# 1
77) Benzidine	19.369	184	3906	2.70	ng	# 1
80) Butylbenzylphthalate	20.416	149	19817	2.07	ng	# 1

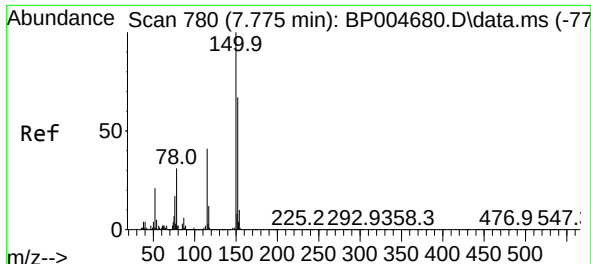
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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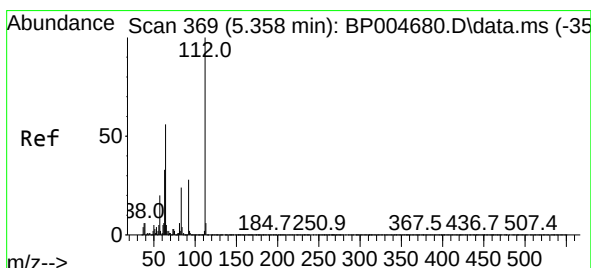
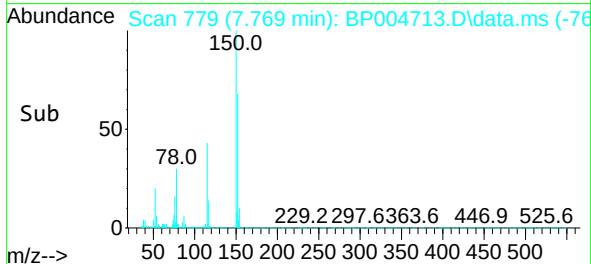
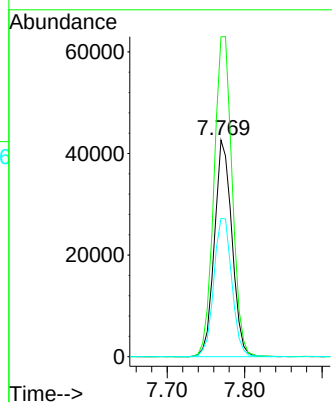
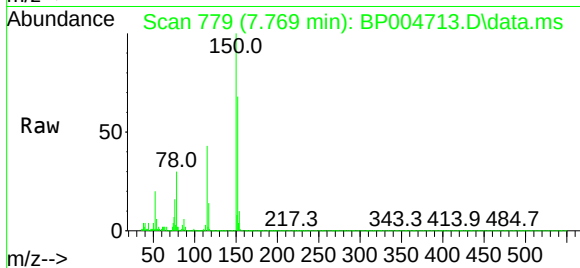




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

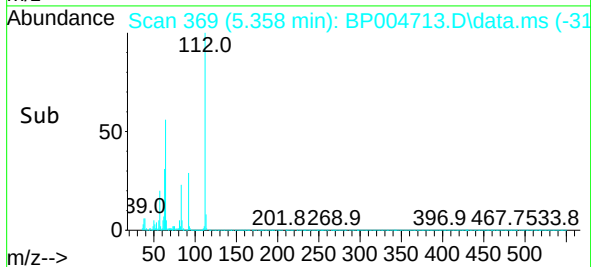
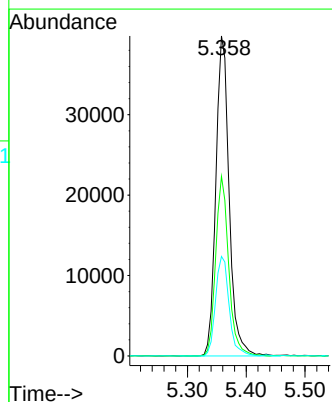
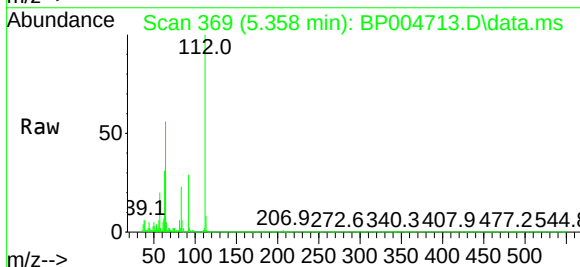
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T1980-300853

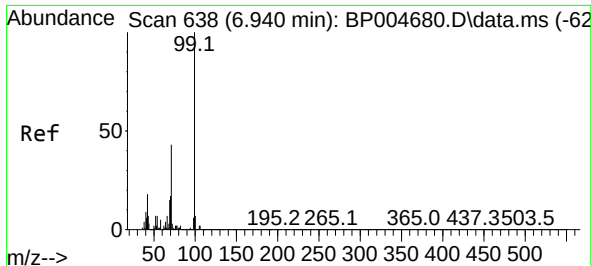
Tgt Ion:152 Resp: 66654
Ion Ratio Lower Upper
152 100
150 147.7 123.8 185.6
115 63.8 43.8 65.6



#5
2-Fluorophenol
Concen: 14.48 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

Tgt Ion:112 Resp: 62511
Ion Ratio Lower Upper
112 100
64 56.1 32.8 49.2#
63 31.1 17.0 25.4#

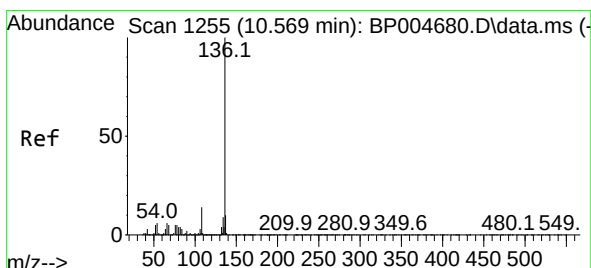
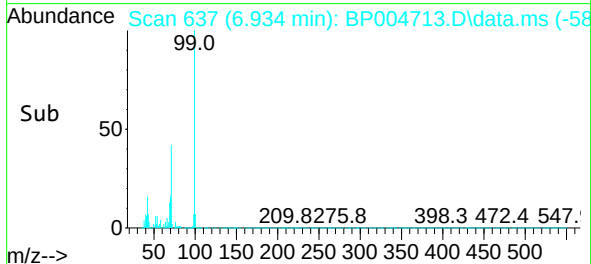
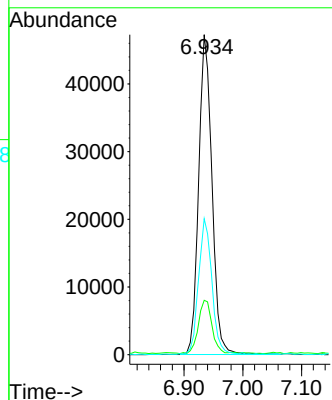
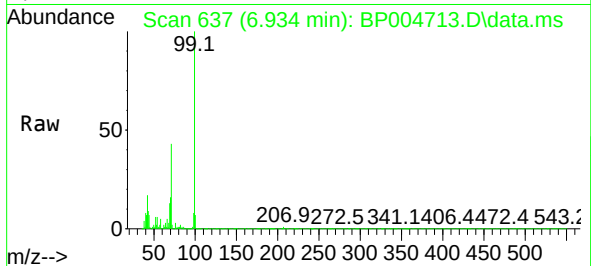




#7
Phenol-d6
Concen: 12.53 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

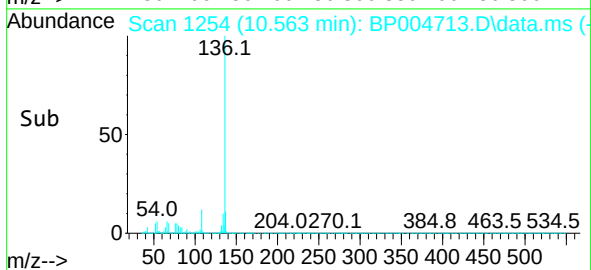
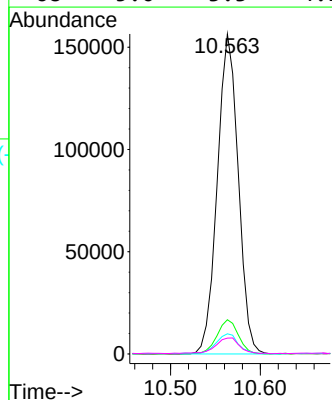
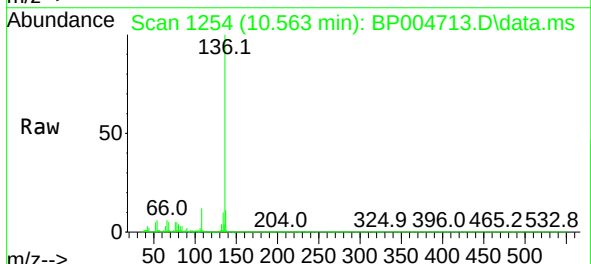
Instrument :
BNA_P
ClientSampleId :
T1980-300853

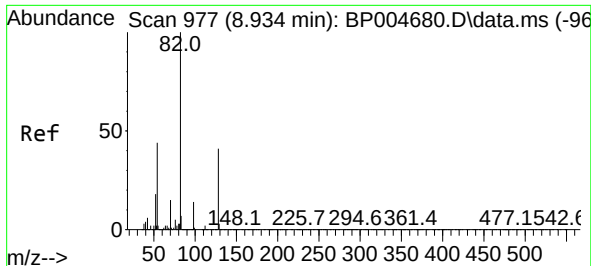
Tgt Ion: 99 Resp: 74376
Ion Ratio Lower Upper
99 100
42 17.0 8.6 13.0#
71 42.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

Tgt Ion: 136 Resp: 253409
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.3 3.6 5.4#
68 5.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 8.31 ng

RT: 8.922 min Scan# 975

Delta R.T. -0.012 min

Lab File: BP004713.D

Acq: 11 Feb 2021 13:28

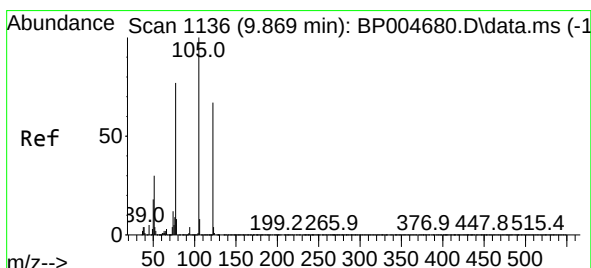
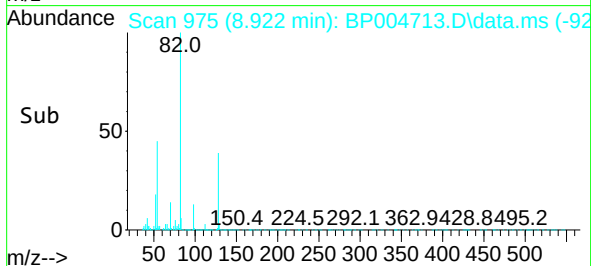
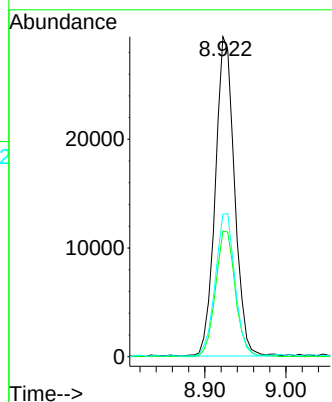
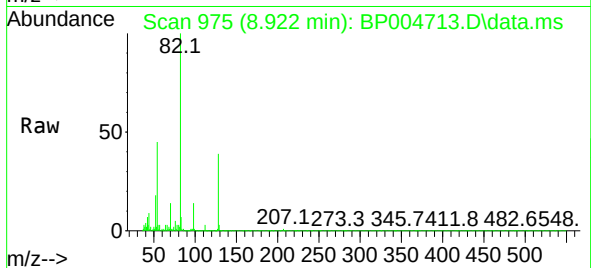
Instrument :

BNA_P

ClientSampleId :

T1980-300853

Tgt Ion:	82	Resp:	48320
Ion	Ratio	Lower	Upper
82	100		
128	39.3	45.6	68.4#
54	44.5	30.1	45.1



#32

Benzoic acid

Concen: 6.87 ng

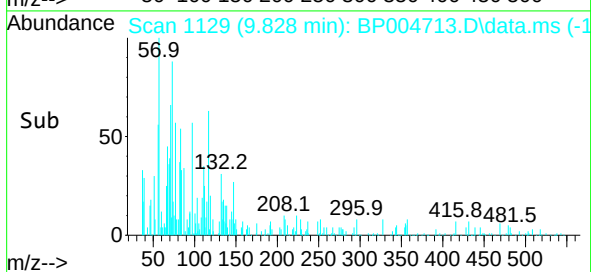
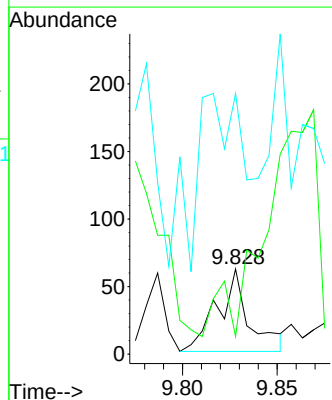
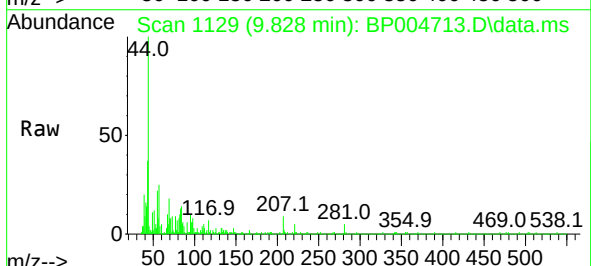
RT: 9.828 min Scan# 1129

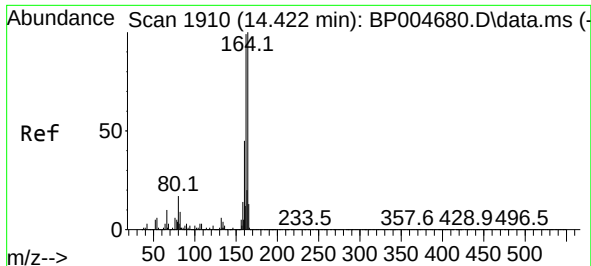
Delta R.T. -0.041 min

Lab File: BP004713.D

Acq: 11 Feb 2021 13:28

Tgt Ion:	122	Resp:	71
Ion	Ratio	Lower	Upper
122	100		
105	20.6	94.1	134.1#
77	306.3	50.1	90.1#

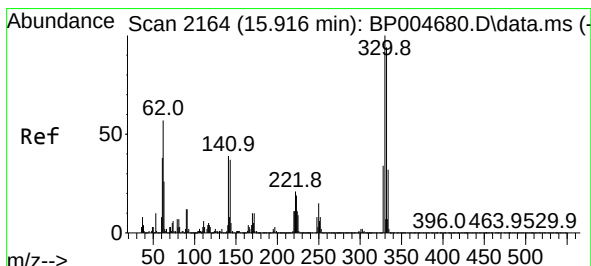
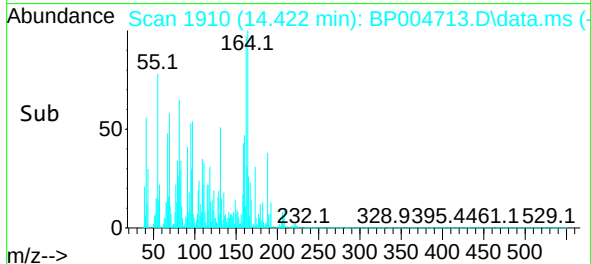
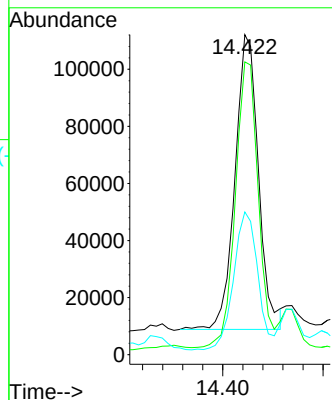
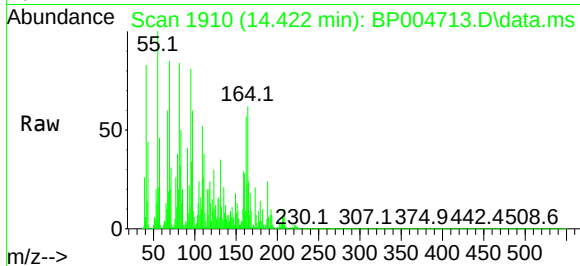




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.422 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

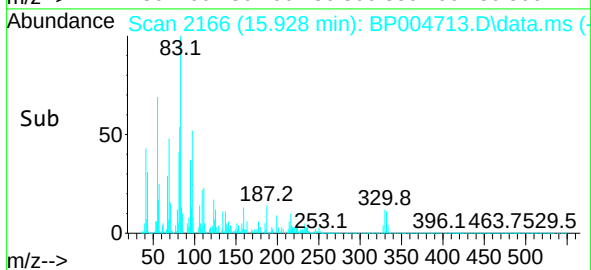
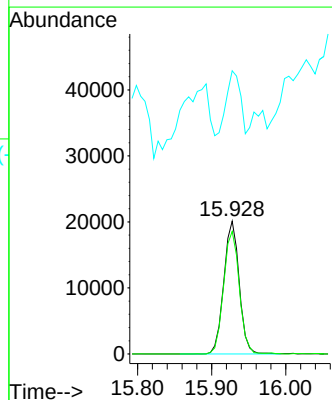
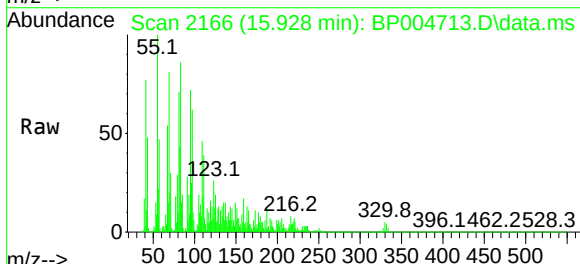
Instrument :
BNA_P
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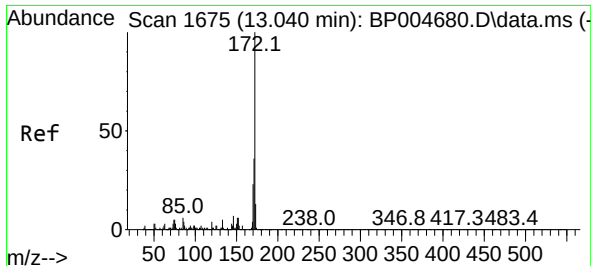
Tgt Ion:164 Resp: 168119
Ion Ratio Lower Upper
164 100
162 91.5 79.4 119.2
160 44.6 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 12.97 ng
RT: 15.928 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

Tgt Ion:330 Resp: 28972
Ion Ratio Lower Upper
330 100
332 94.4 77.1 115.7
141 44.5 23.4 35.2#

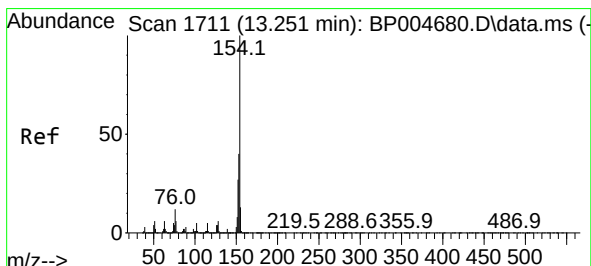
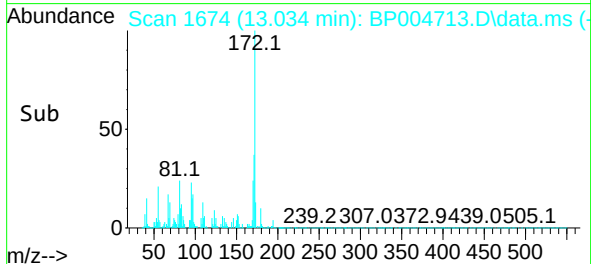
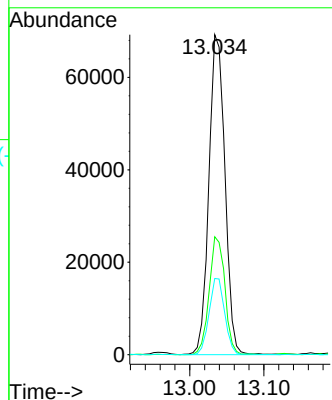
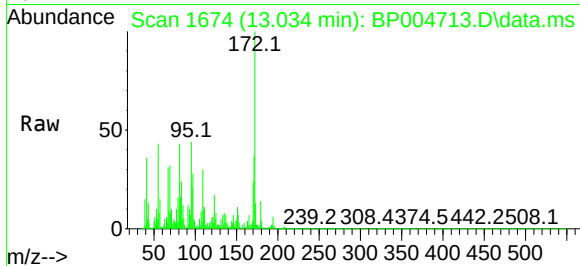




#45
2-Fluorobiphenyl
Concen: 7.57 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

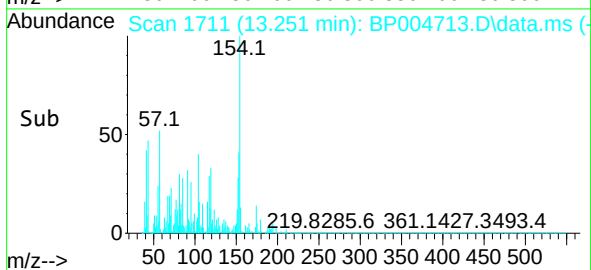
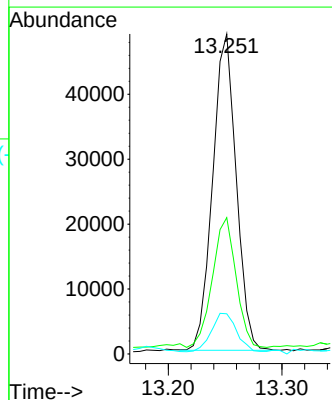
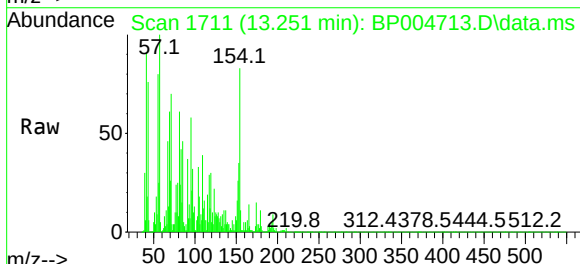
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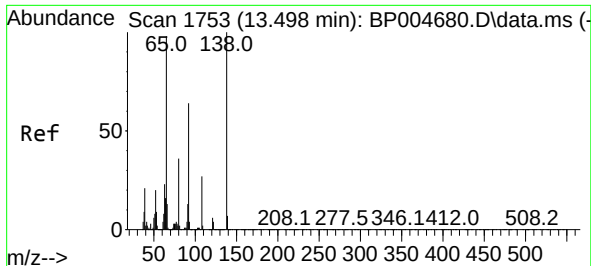
Tgt Ion:172	Resp:	104157
Ion Ratio	Lower	Upper
172	100	
171	36.8	28.5 42.7
170	23.8	19.2 28.8



#46
1,1'-Biphenyl
Concen: 4.98 ng
RT: 13.251 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

Tgt Ion:154	Resp:	70100
Ion Ratio	Lower	Upper
154	100	
153	42.6	20.4 60.4
76	12.6	0.0 29.3

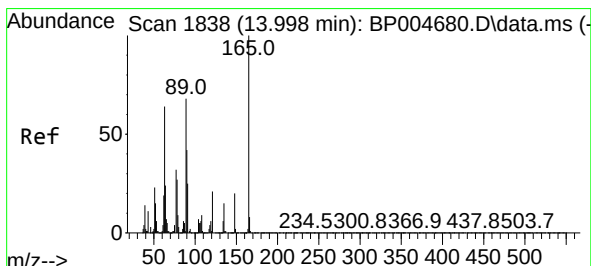
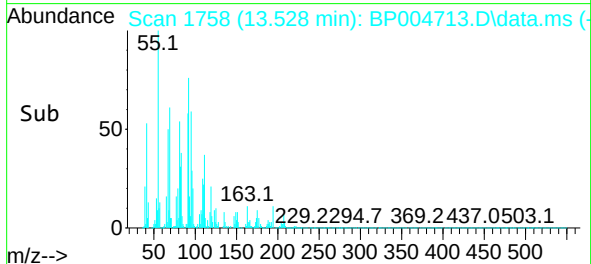
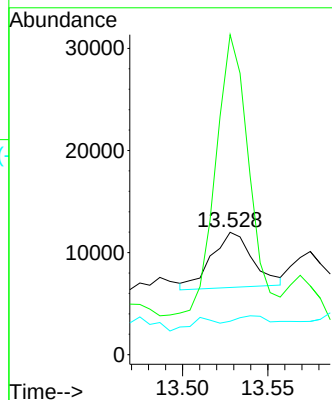
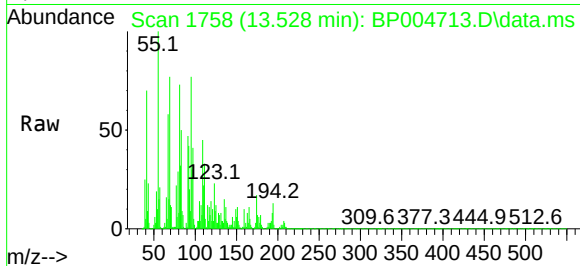




#48
2-Nitroaniline
Concen: 2.67 ng
RT: 13.528 min Scan# 1758
Delta R.T. 0.029 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

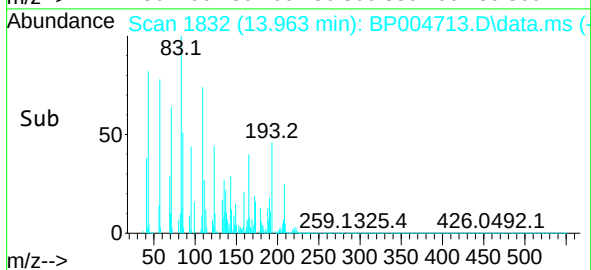
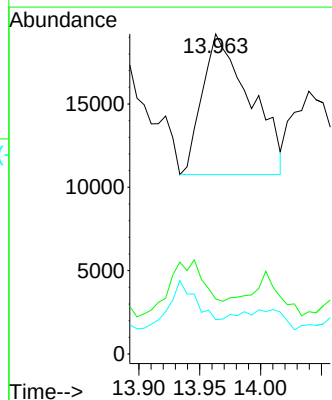
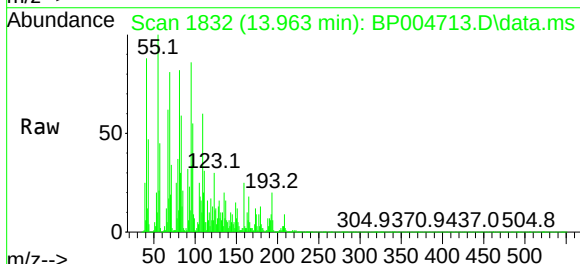
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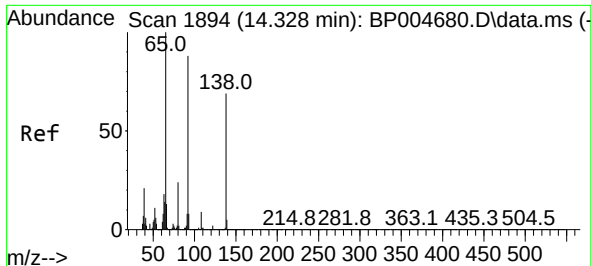
Tgt Ion: 65 Resp: 9100
Ion Ratio Lower Upper
65 100
92 261.5 70.6 106.0#
138 27.4 133.6 200.4#



#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 13.963 min Scan# 1832
Delta R.T. -0.035 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

Tgt Ion:165 Resp: 22963
Ion Ratio Lower Upper
165 100
63 17.2 27.8 41.6#
89 10.7 34.6 52.0#

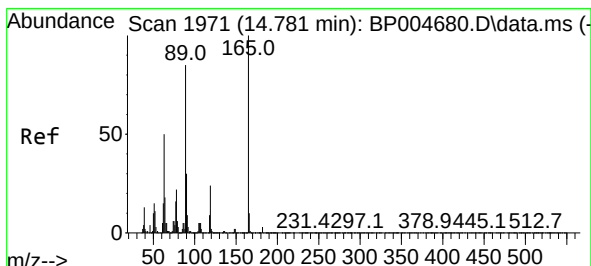
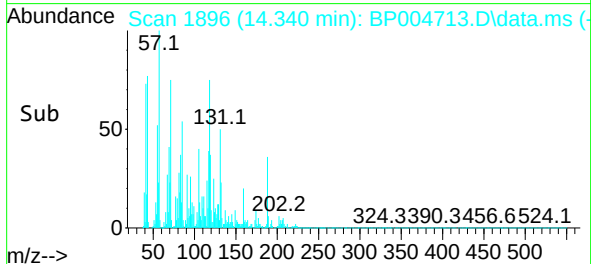
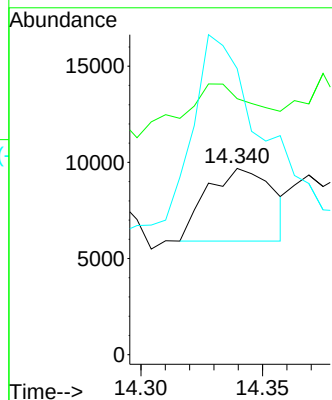
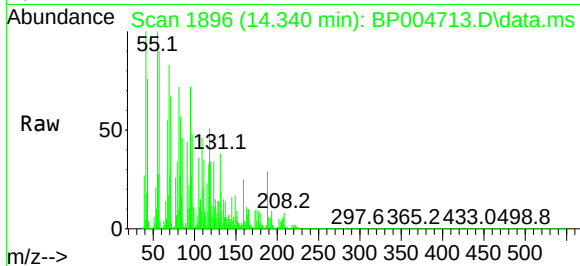




#53
3-Nitroaniline
Concen: 2.30 ng
RT: 14.340 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

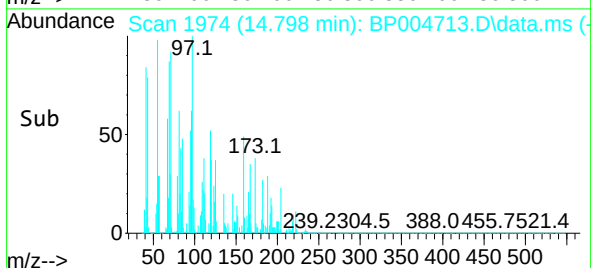
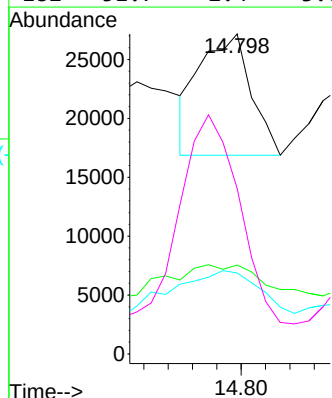
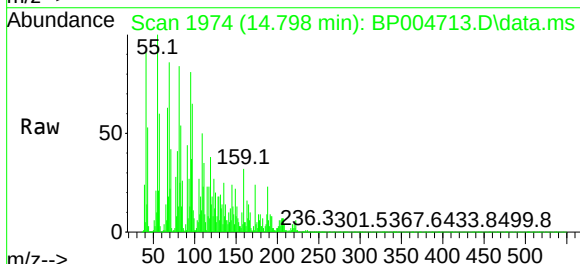
Instrument :
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T1980-300853

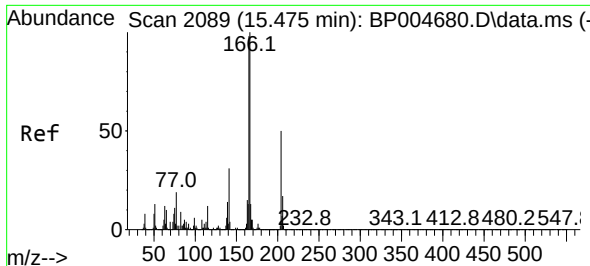
Tgt Ion:138 Resp: 7132
Ion Ratio Lower Upper
138 100
108 137.4 7.5 11.3#
92 153.6 75.0 112.6#



#57
2,4-Dinitrotoluene
Concen: 3.68 ng
RT: 14.798 min Scan# 1974
Delta R.T. 0.018 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

Tgt Ion:165 Resp: 15024
Ion Ratio Lower Upper
165 100
63 27.8 20.6 31.0
89 25.3 42.6 63.8#
182 51.7 2.4 3.6#

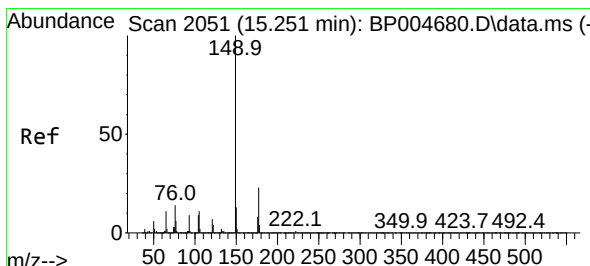
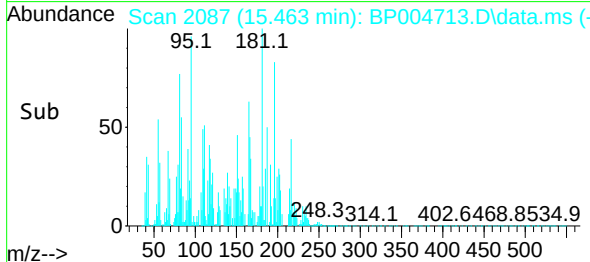
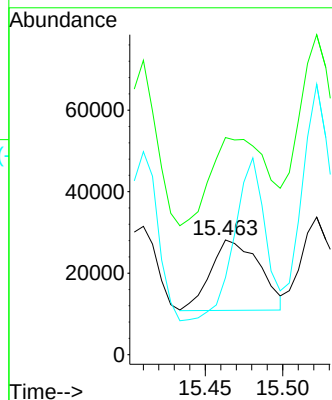
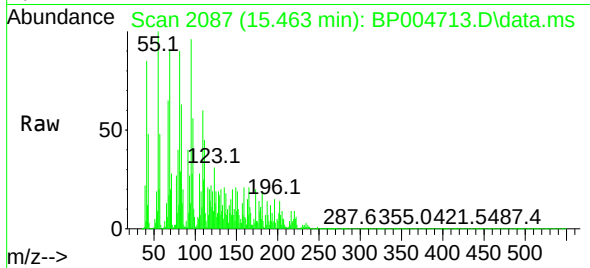




#58
Fluorene
Concen: 2.73 ng
RT: 15.463 min Scan# 2087
Delta R.T. -0.012 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

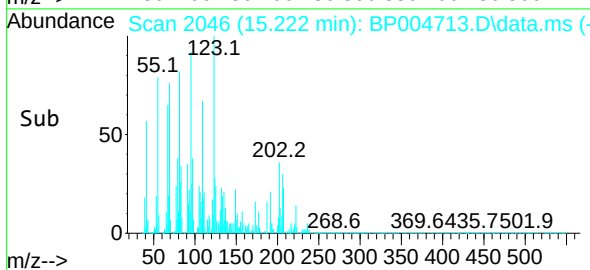
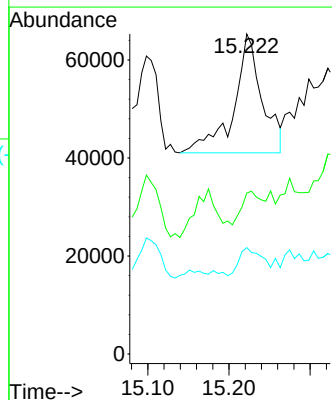
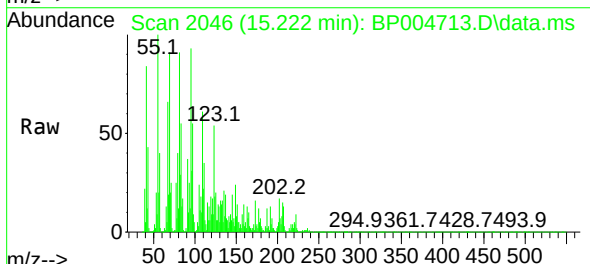
Instrument :
BNA_P
ClientSampleId :
T1980-300853

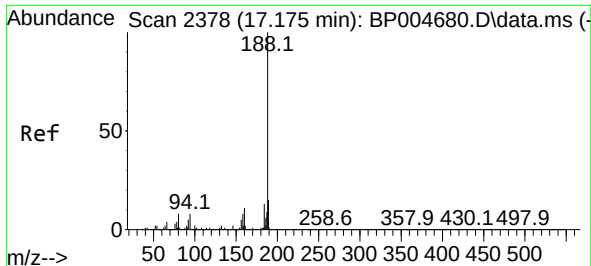
Tgt Ion:166 Resp: 38040
Ion Ratio Lower Upper
166 100
165 189.3 77.8 116.8#
167 67.3 11.0 16.4#



#60
Diethylphthalate
Concen: 3.96 ng
RT: 15.222 min Scan# 2046
Delta R.T. -0.029 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

Tgt Ion:149 Resp: 58656
Ion Ratio Lower Upper
149 100
177 50.3 18.0 27.0#
150 33.2 10.0 15.0#

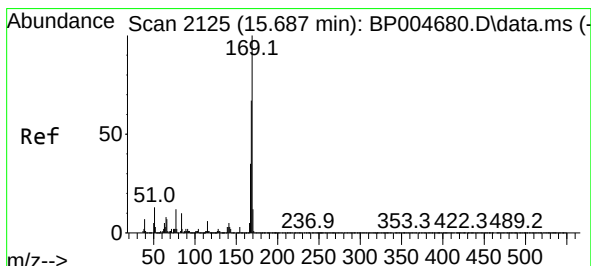
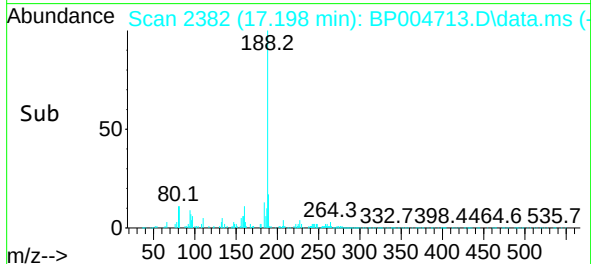
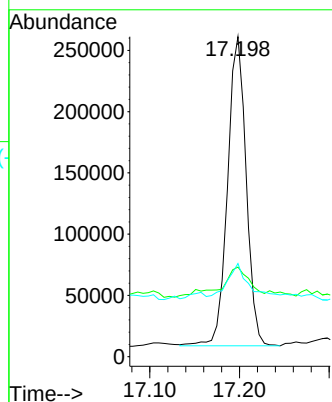
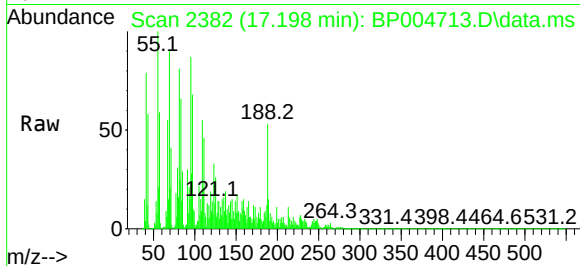




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.198 min Scan# 2382
Delta R.T. 0.024 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

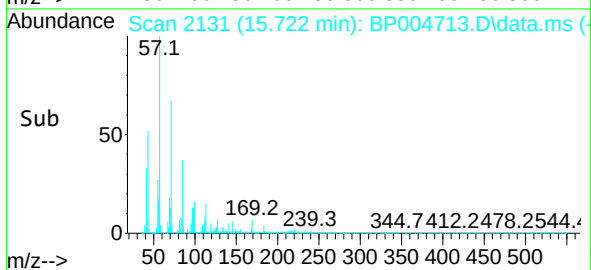
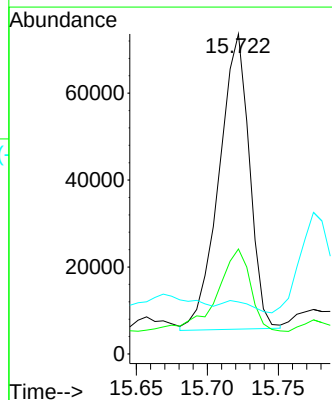
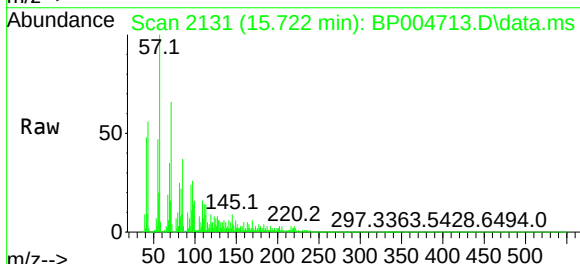
Instrument :
BNA_P
ClientSampleId :
T1980-300853

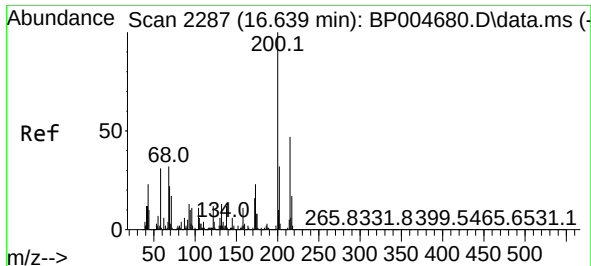
Tgt Ion:188 Resp: 362788
Ion Ratio Lower Upper
188 100
94 28.0 6.2 9.2#
80 29.1 6.2 9.2#



#66
n-Nitrosodiphenylamine
Concen: 8.58 ng
RT: 15.722 min Scan# 2131
Delta R.T. 0.035 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

Tgt Ion:169 Resp: 101231
Ion Ratio Lower Upper
169 100
168 32.8 53.8 80.6#
167 16.3 28.9 43.3#

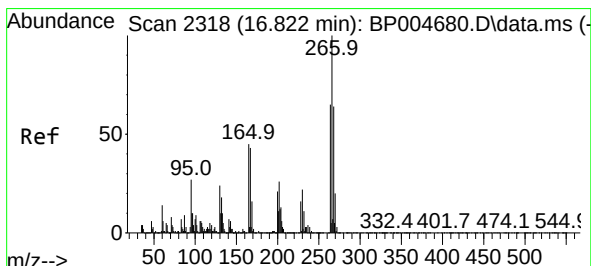
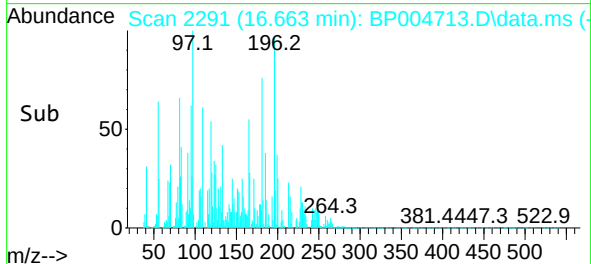
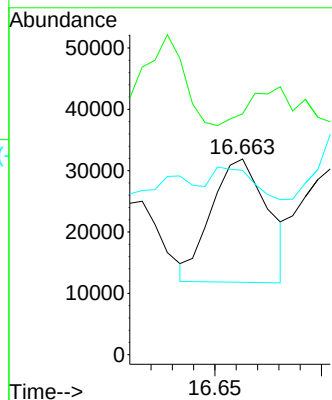
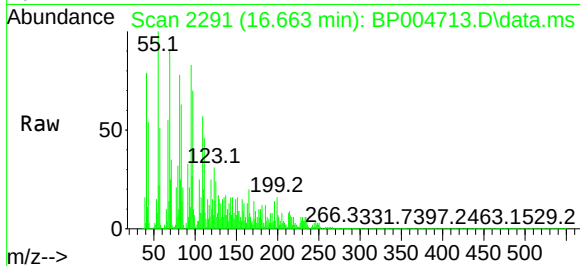




#69
Atrazine
Concen: 9.51 ng
RT: 16.663 min Scan# 2291
Delta R.T. 0.024 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

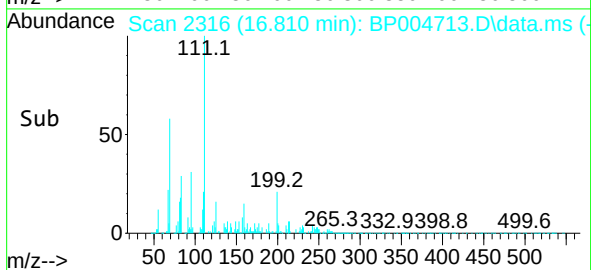
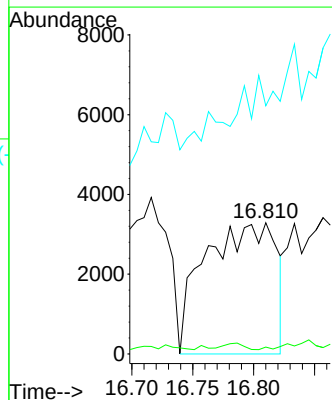
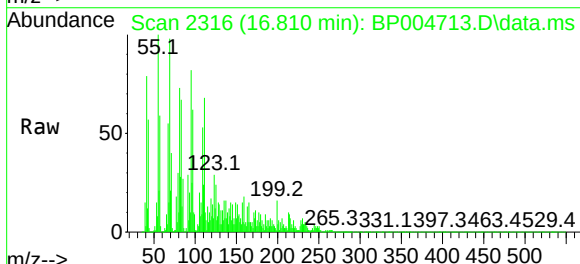
Instrument :
BNA_P
ClientSampleId :
T1980-300853

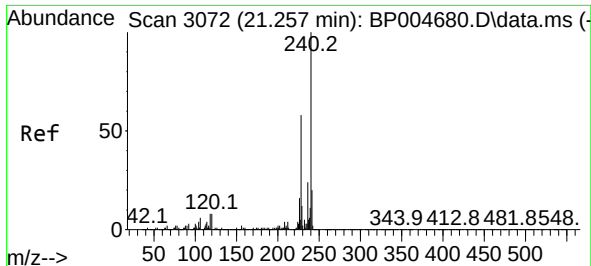
Tgt Ion:200 Resp: 36806
Ion Ratio Lower Upper
200 100
173 123.0 5.9 45.9#
215 94.2 28.4 68.4#



#70
Pentachlorophenol
Concen: 4.66 ng
RT: 16.810 min Scan# 2316
Delta R.T. -0.012 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

Tgt Ion:266 Resp: 13272
Ion Ratio Lower Upper
266 100
268 5.3 51.1 76.7#
264 189.3 50.6 76.0#

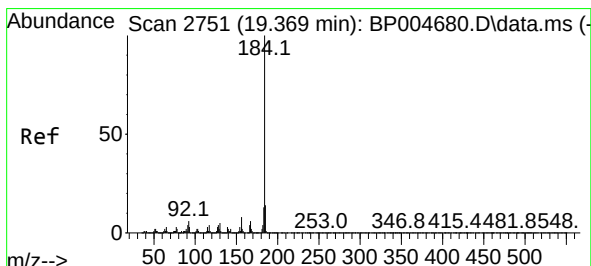
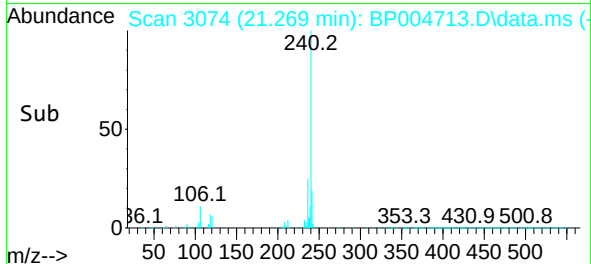
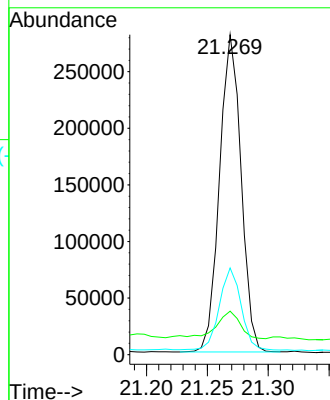
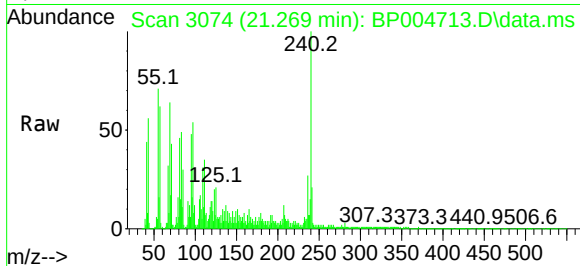




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.269 min Scan# 3074
Delta R.T. 0.012 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

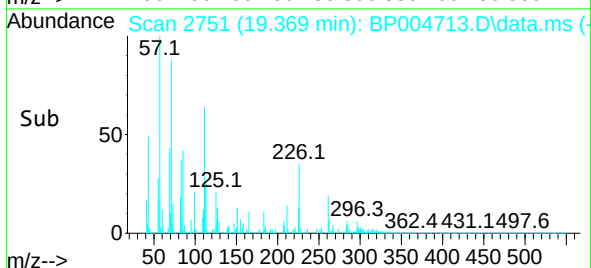
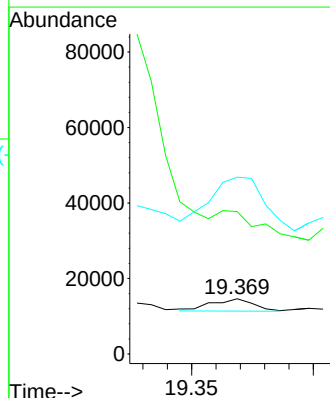
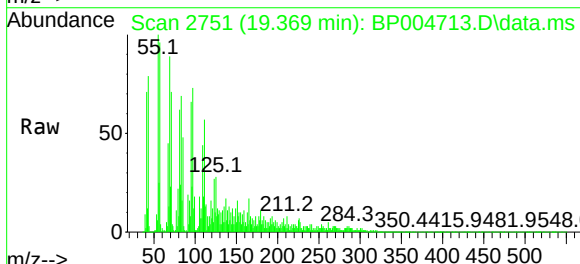
Instrument :
BNA_P
ClientSampleId :
T1980-300853

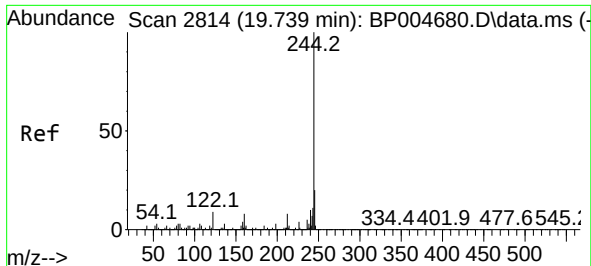
Tgt Ion:240 Resp: 345110
Ion Ratio Lower Upper
240 100
120 13.6 7.8 11.6#
236 27.1 20.8 31.2



#77
Benzidine
Concen: 2.70 ng
RT: 19.369 min Scan# 2751
Delta R.T. -0.000 min
Lab File: BP004713.D
Acq: 11 Feb 2021 13:28

Tgt Ion:184 Resp: 3906
Ion Ratio Lower Upper
184 100
185 257.6 11.5 17.3#
183 319.8 9.6 14.4#

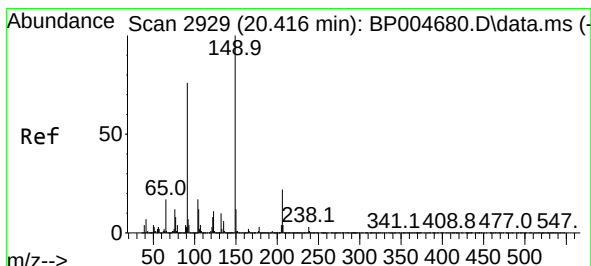
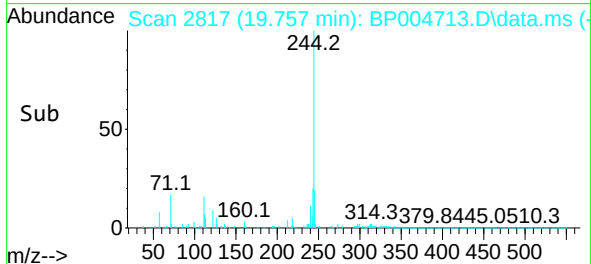
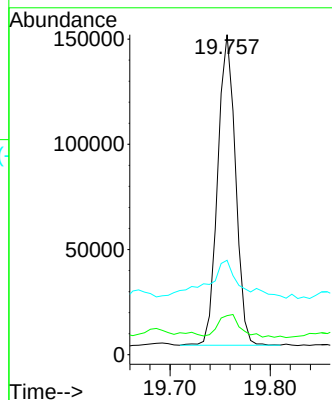
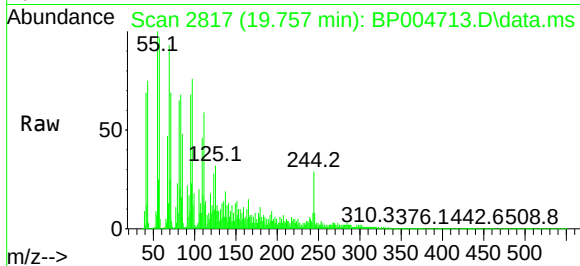




#79
 Terphenyl-d14
 Concen: 8.83 ng
 RT: 19.757 min Scan# 2817
 Delta R.T. 0.018 min
 Lab File: BP004713.D
 Acq: 11 Feb 2021 13:28

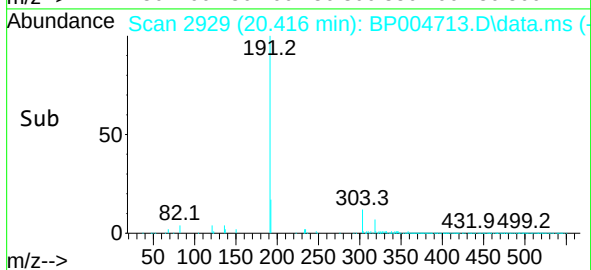
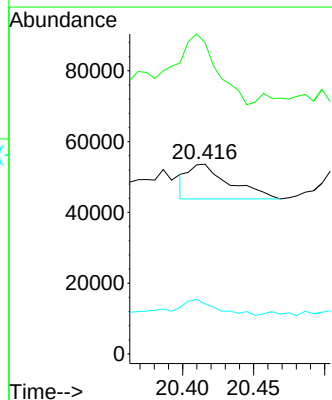
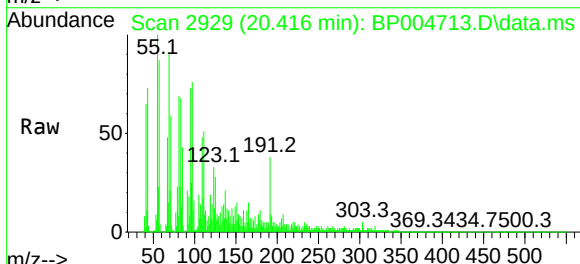
Instrument :
 BNA_P
 ClientSampleId :
 T1980-300853

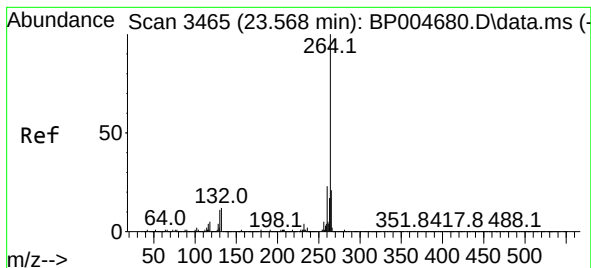
Tgt Ion:244 Resp: 181442
 Ion Ratio Lower Upper
 244 100
 212 12.2 5.8 8.6#
 122 29.5 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 2.07 ng
 RT: 20.416 min Scan# 2929
 Delta R.T. 0.000 min
 Lab File: BP004713.D
 Acq: 11 Feb 2021 13:28

Tgt Ion:149 Resp: 19817
 Ion Ratio Lower Upper
 149 100
 91 164.1 45.4 68.0#
 206 26.4 17.1 25.7#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.568 min Scan# 3465

Delta R.T. 0.000 min

Lab File: BP004713.D

Acq: 11 Feb 2021 13:28

Tgt Ion:264 Resp: 326212

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 22.2 17.4 26.2

Instrument :

BNA_P

ClientSampleId :

T1980-300853

