

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004716.D
 Acq On : 11 Feb 2021 15:09
 Operator : CG/JU
 Sample : M1356-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T1223-367469

Quant Time: Feb 11 15:59:52 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)

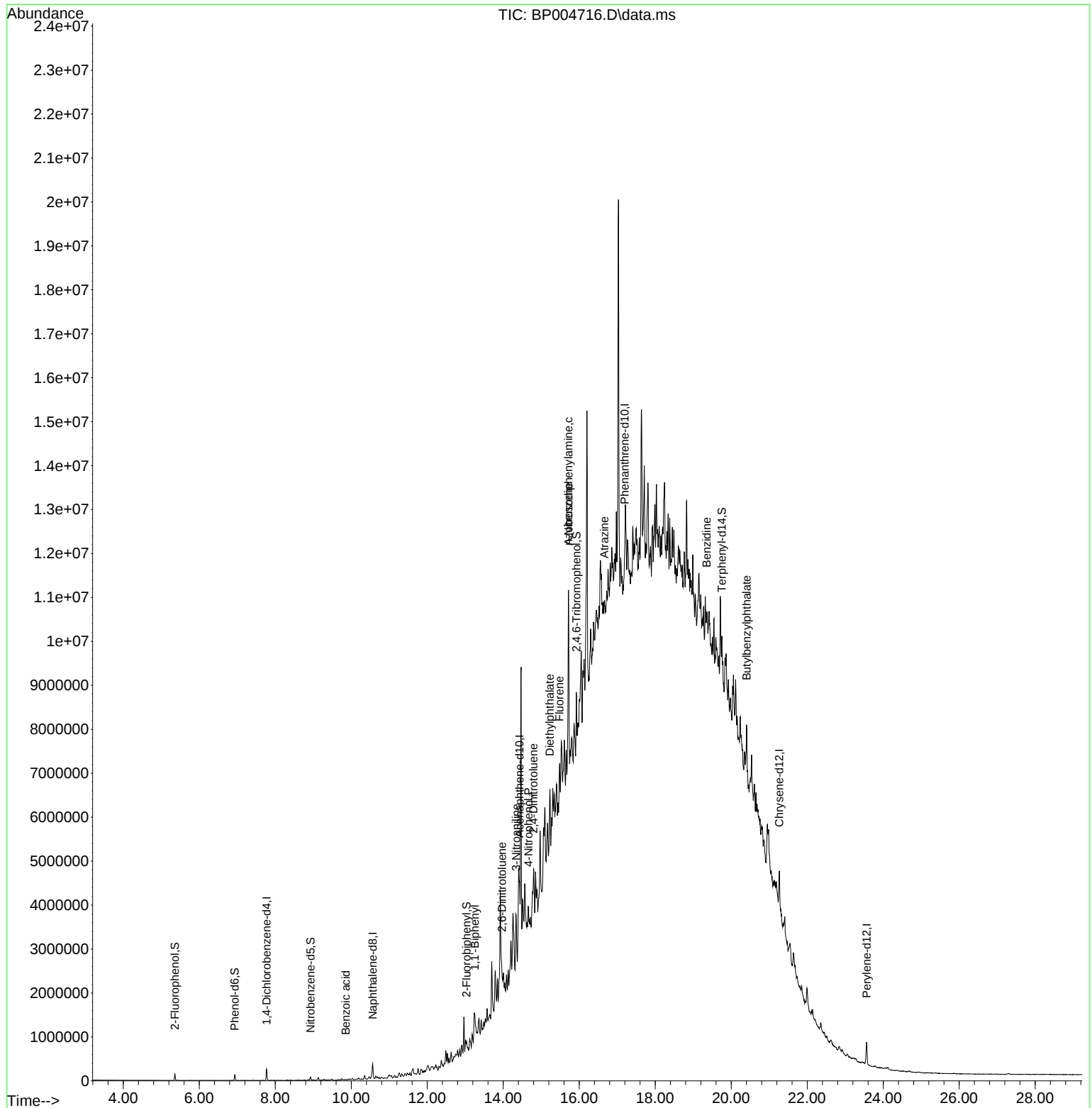
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	64825	20.00	ng	0.00
21) Naphthalene-d8	10.563	136	241319	20.00	ng	# 0.00
39) Acenaphthene-d10	14.428	164	158233	20.00	ng	0.00
64) Phenanthrene-d10	17.198	188	382857	20.00	ng	# 0.02
76) Chrysene-d12	21.263	240	369388	20.00	ng	# 0.00
86) Perylene-d12	23.563	264	360027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	58086	13.83	ng	0.00
7) Phenol-d6	6.934	99	69434	12.03	ng	0.00
23) Nitrobenzene-d5	8.928	82	44500	8.03	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	32073	15.26	ng	0.01
45) 2-Fluorobiphenyl	13.034	172	98581	7.61	ng	0.00
79) Terphenyl-d14	19.751	244	183218	8.33	ng	0.01
Target Compounds						Qvalue
32) Benzoic acid	9.858	122	78	6.87	ng	# 1
46) 1,1'-Biphenyl	13.251	154	87999	6.64	ng	95
51) 2,6-Dinitrotoluene	13.969	165	24121	8.60	ng	# 64
53) 3-Nitroaniline	14.340	138	9151	3.14	ng	# 37
56) 4-Nitrophenol	14.663	139	9977	4.36	ng	# 1
57) 2,4-Dinitrotoluene	14.793	165	17745	4.62	ng	# 67
58) Fluorene	15.481	166	43745	3.33	ng	# 1
60) Diethylphthalate	15.222	149	80933	5.80	ng	# 51
63) Azobenzene	15.716	77	29160	2.23	ng	# 32
66) n-Nitrosodiphenylamine	15.716	169	65228	5.24	ng	# 71
69) Atrazine	16.657	200	41647	10.20	ng	# 1
77) Benzidine	19.357	184	2335	2.45	ng	# 1
80) Butylbenzylphthalate	20.404	149	24355	2.38	ng	# 1

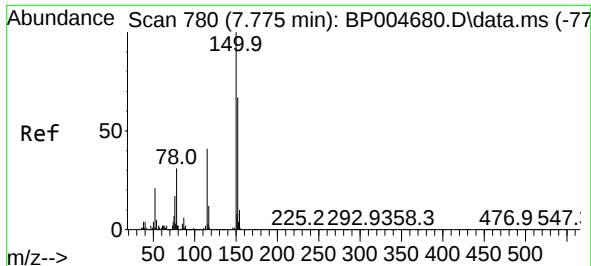
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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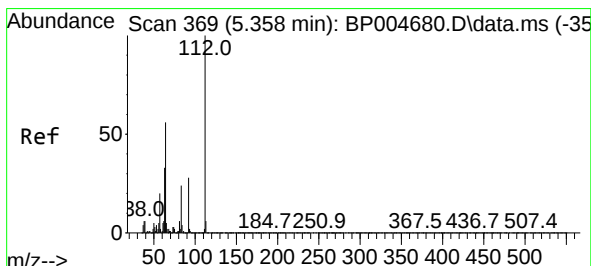
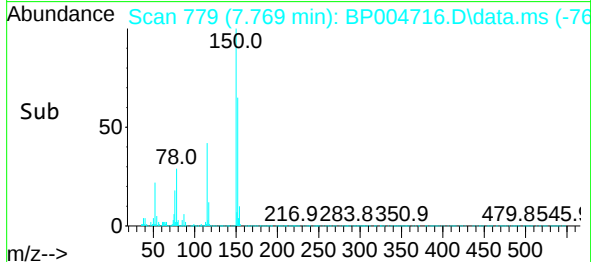
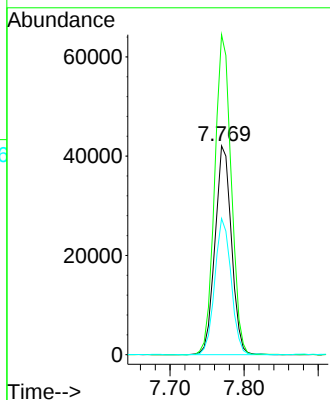
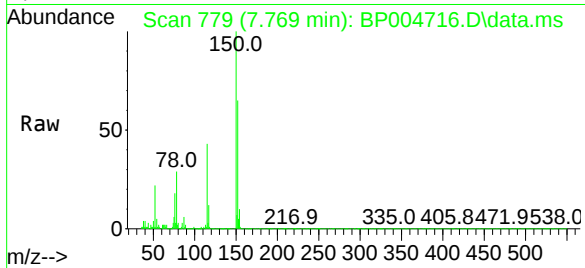




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

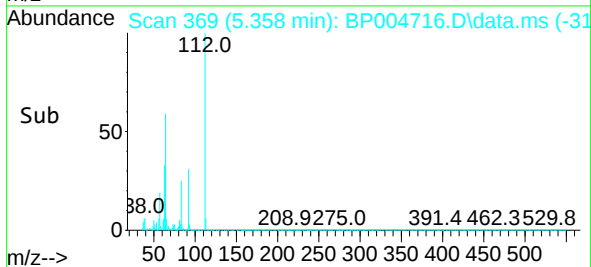
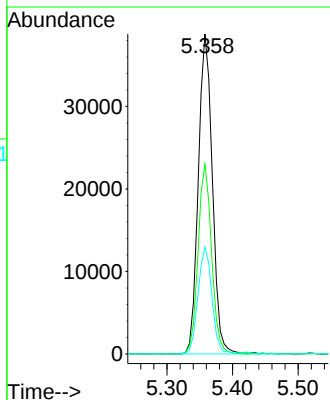
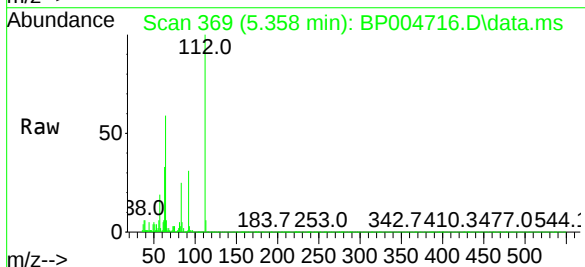
Instrument :
BNA_P
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T1223-367469

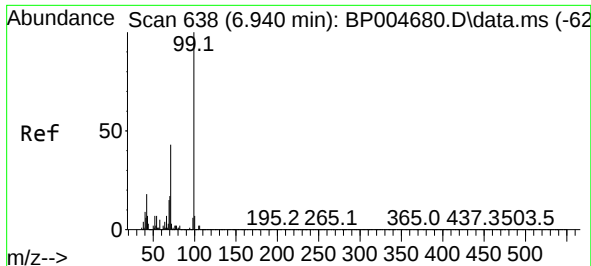
Tgt Ion:152 Resp: 64825
Ion Ratio Lower Upper
152 100
150 153.3 123.8 185.6
115 65.2 43.8 65.6



#5
2-Fluorophenol
Concen: 13.83 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

Tgt Ion:112 Resp: 58086
Ion Ratio Lower Upper
112 100
64 59.3 32.8 49.2#
63 33.3 17.0 25.4#

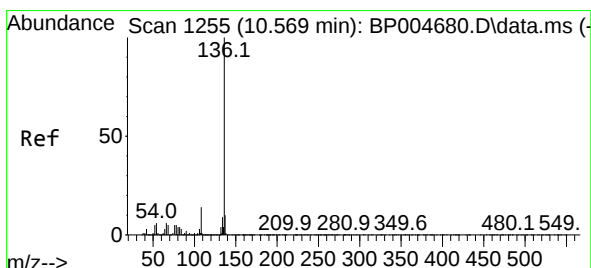
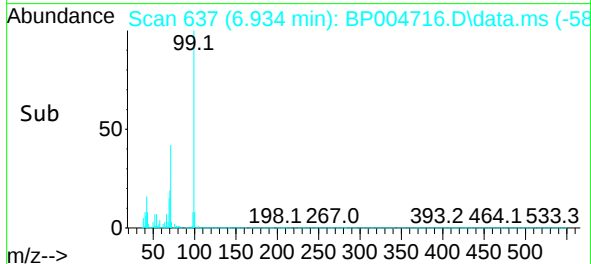
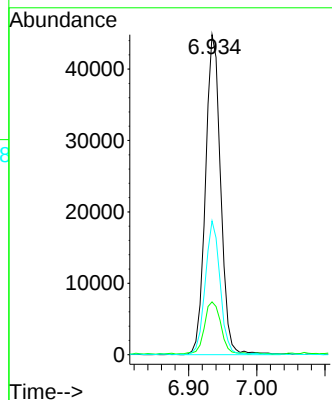
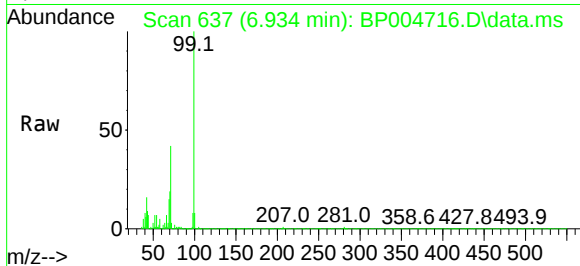




#7
Phenol-d6
Concen: 12.03 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

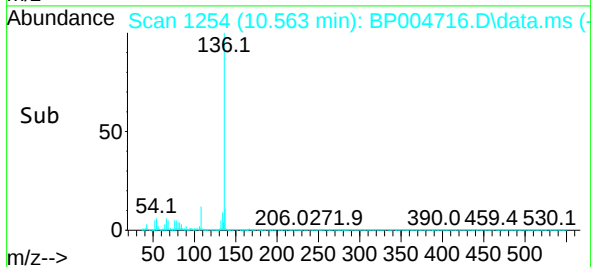
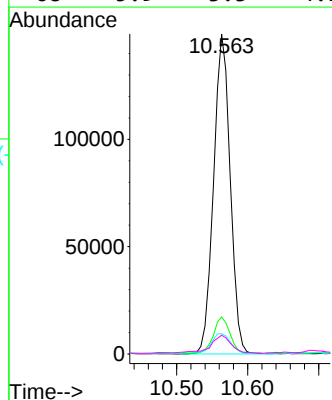
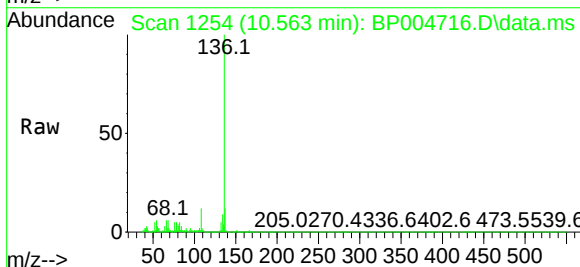
Instrument :
BNA_P
ClientSampleId :
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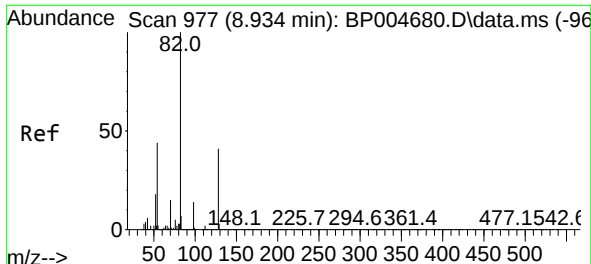
Tgt Ion: 99 Resp: 69434
Ion Ratio Lower Upper
99 100
42 16.5 8.6 13.0#
71 41.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

Tgt Ion: 136 Resp: 241319
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 6.3 3.6 5.4#
68 5.9 3.3 4.9#

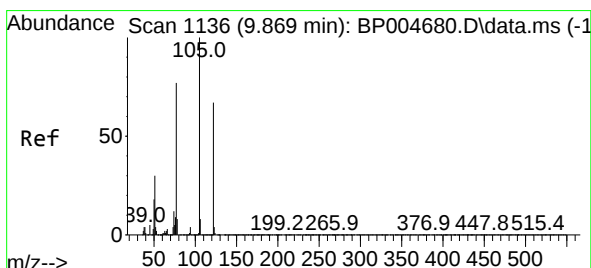
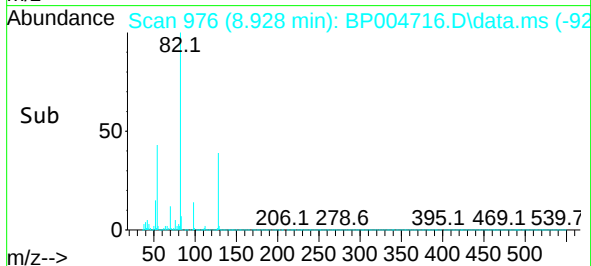
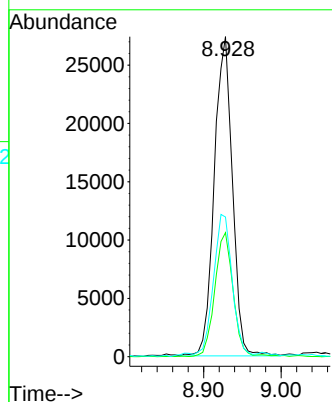
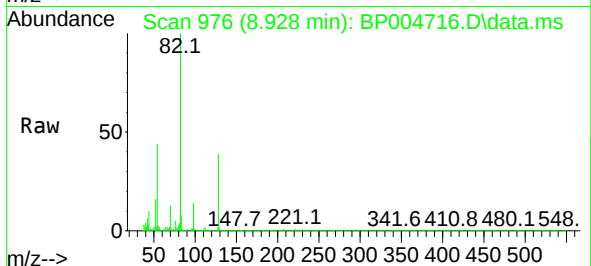




#23
Nitrobenzene-d5
Concen: 8.03 ng
RT: 8.928 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

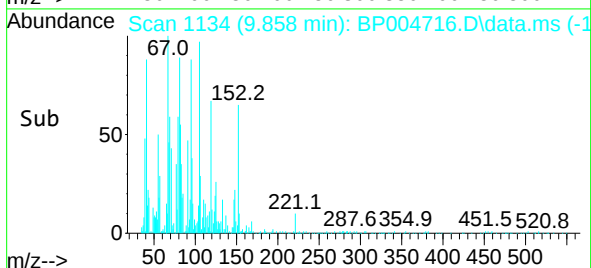
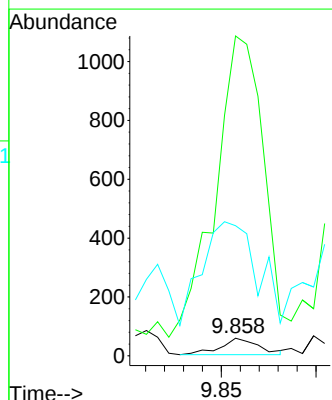
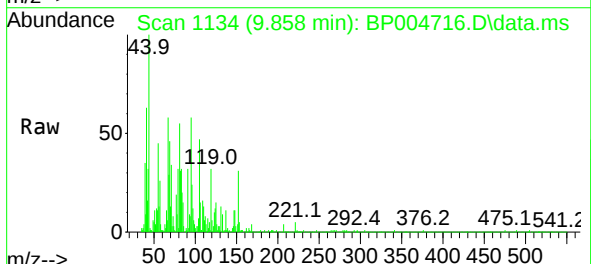
Instrument :
BNA_P
ClientSampleId :
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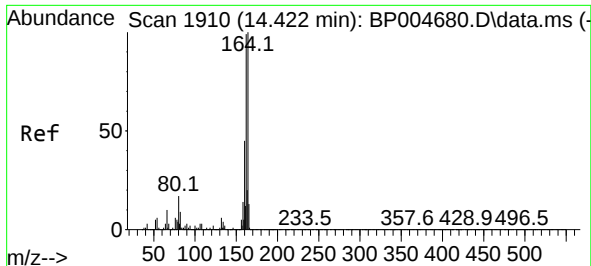
Tgt Ion: 82 Resp: 44500
Ion Ratio Lower Upper
82 100
128 38.8 45.6 68.4#
54 43.6 30.1 45.1



#32
Benzoic acid
Concen: 6.87 ng
RT: 9.858 min Scan# 1134
Delta R.T. -0.011 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

Tgt Ion: 122 Resp: 78
Ion Ratio Lower Upper
122 100
105 1811.7 94.1 134.1#
77 736.7 50.1 90.1#

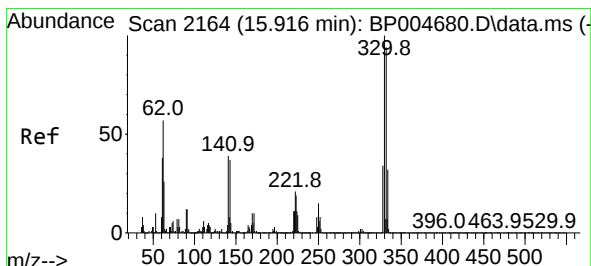
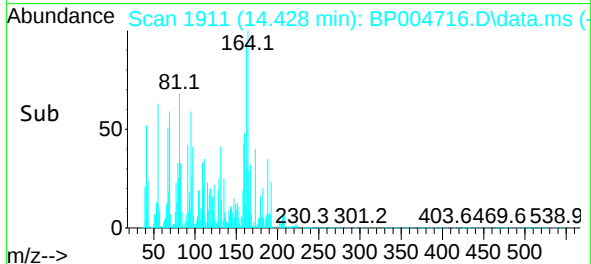
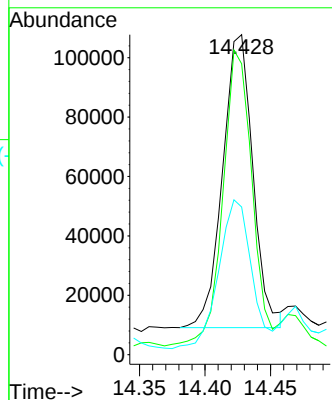
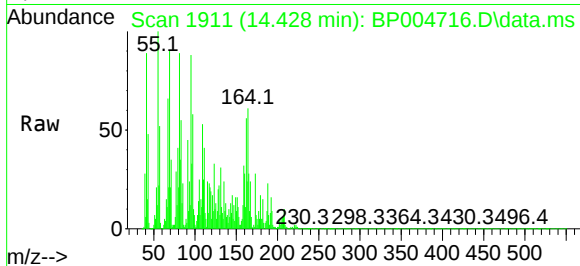




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.428 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

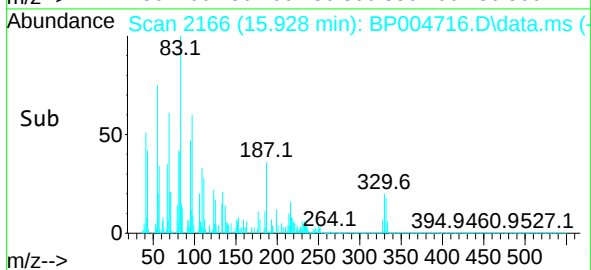
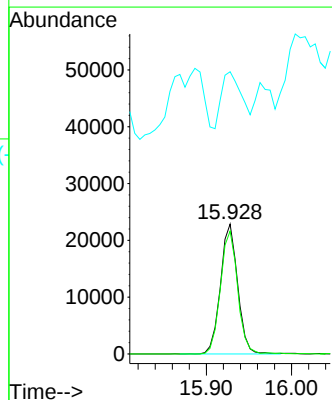
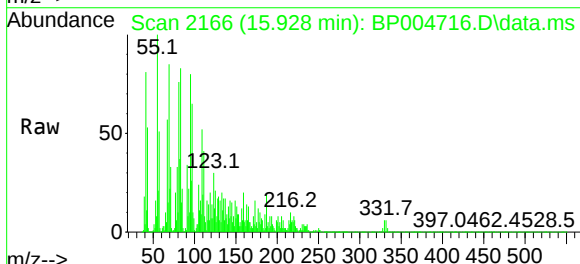
Instrument :
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ClientSampleId :
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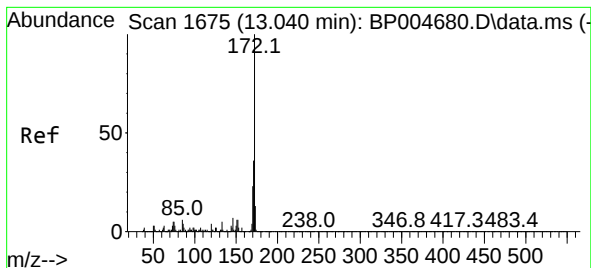
Tgt Ion:164 Resp: 158233
Ion Ratio Lower Upper
164 100
162 90.9 79.4 119.2
160 46.2 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 15.26 ng
RT: 15.928 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

Tgt Ion:330 Resp: 32073
Ion Ratio Lower Upper
330 100
332 94.1 77.1 115.7
141 50.8 23.4 35.2#

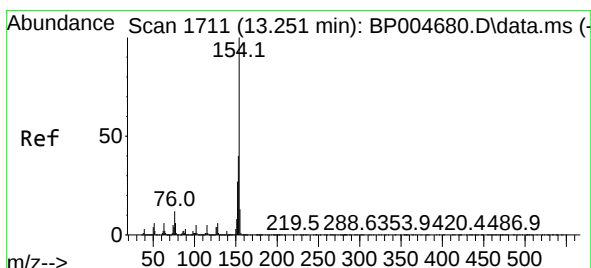
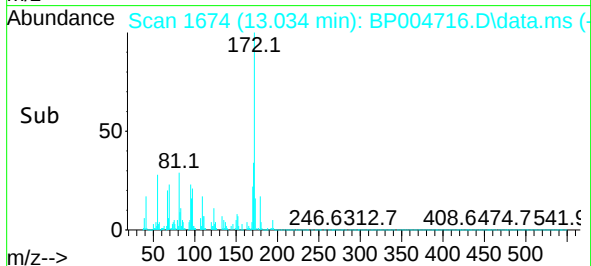
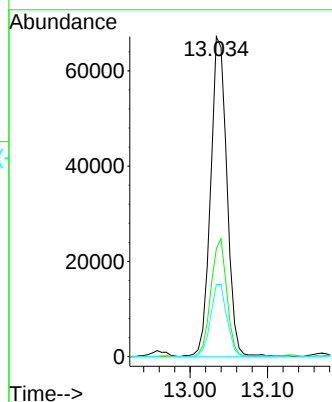
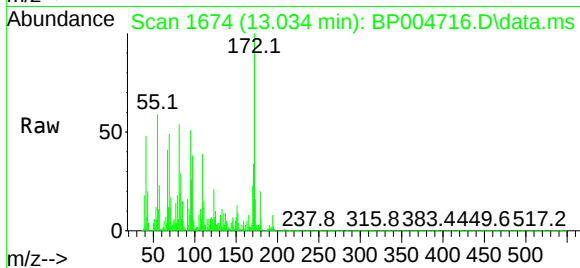




#45
2-Fluorobiphenyl
Concen: 7.61 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

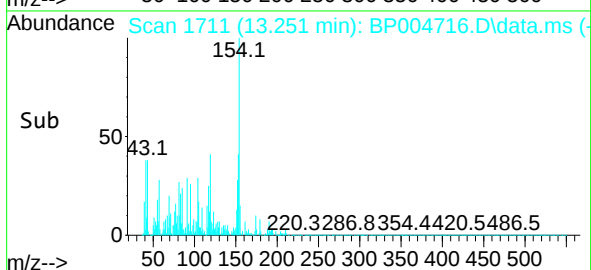
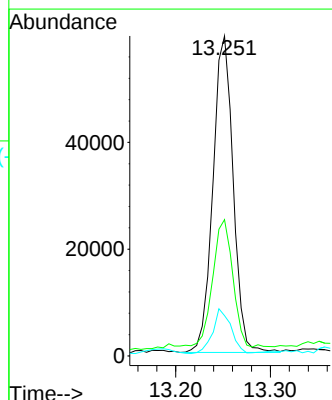
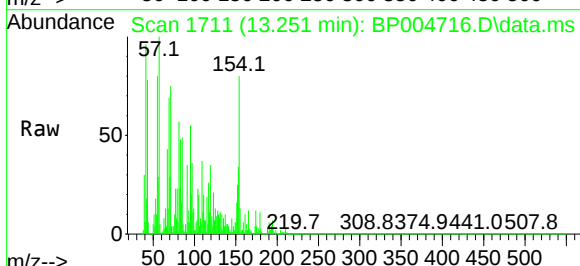
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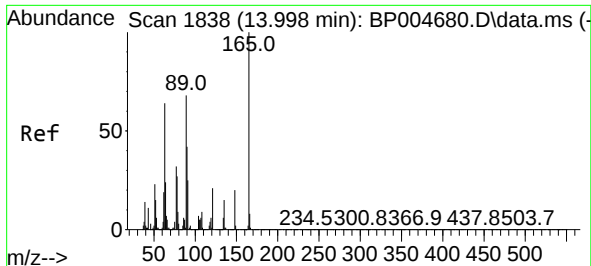
Tgt Ion:	172	Resp:	98581
Ion Ratio	Lower	Upper	
172	100		
171	33.7	28.5	42.7
170	22.6	19.2	28.8



#46
1,1'-Biphenyl
Concen: 6.64 ng
RT: 13.251 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

Tgt Ion:	154	Resp:	87999
Ion Ratio	Lower	Upper	
154	100		
153	42.6	20.4	60.4
76	12.6	0.0	29.3

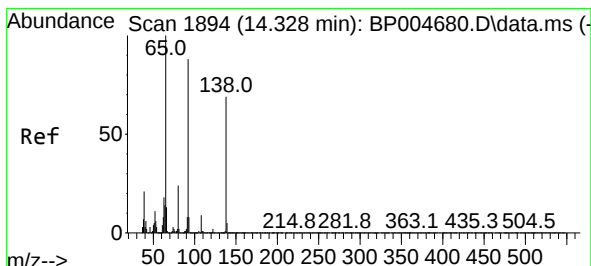
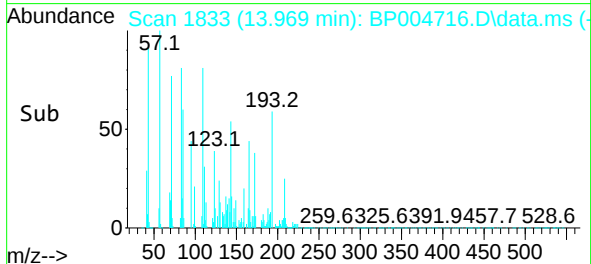
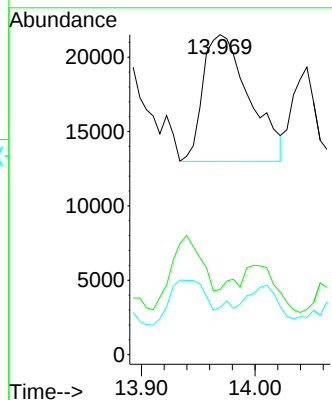
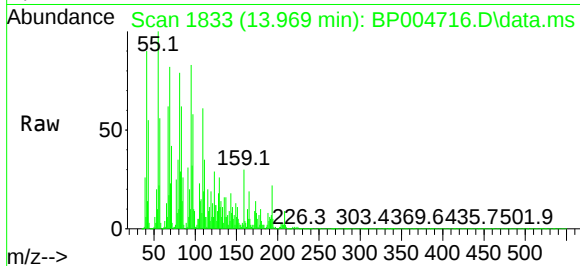




#51
2,6-Dinitrotoluene
Concen: 8.60 ng
RT: 13.969 min Scan# 1833
Delta R.T. -0.029 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

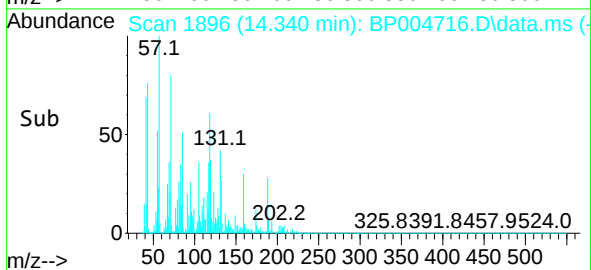
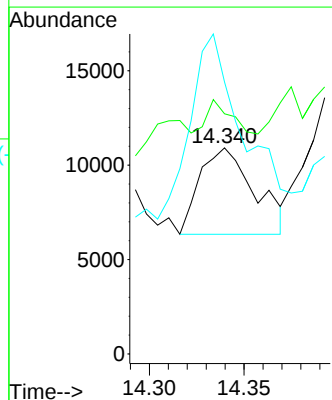
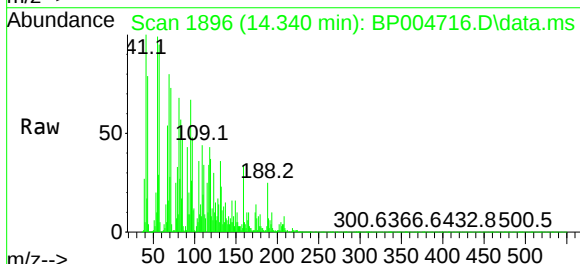
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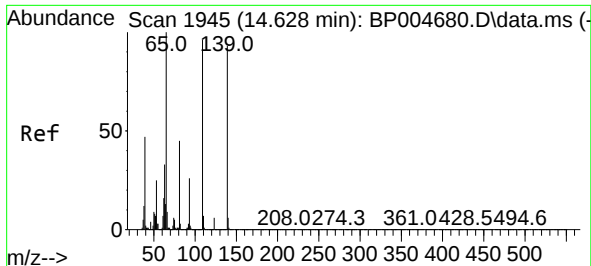
Tgt Ion:165 Resp: 24121
Ion Ratio Lower Upper
165 100
63 20.4 27.8 41.6#
89 14.8 34.6 52.0#



#53
3-Nitroaniline
Concen: 3.14 ng
RT: 14.340 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

Tgt Ion:138 Resp: 9151
Ion Ratio Lower Upper
138 100
108 116.5 7.5 11.3#
92 132.0 75.0 112.6#

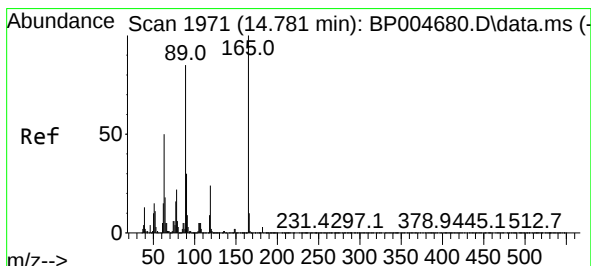
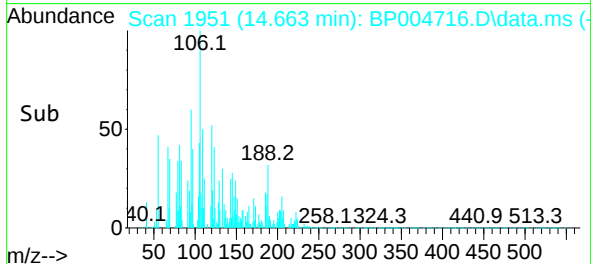
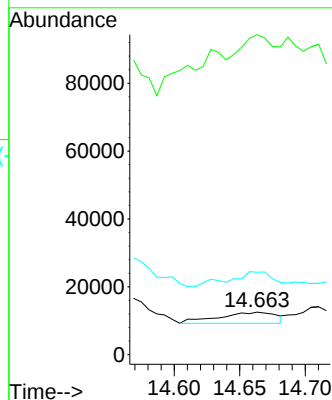
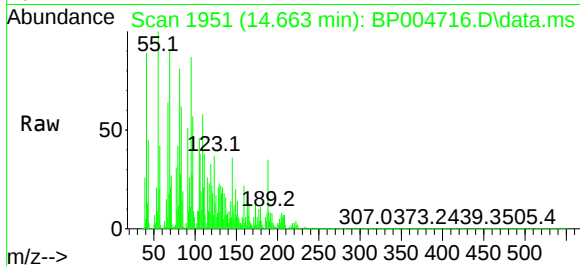




#56
4-Nitrophenol
Concen: 4.36 ng
RT: 14.663 min Scan# 1951
Delta R.T. 0.035 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

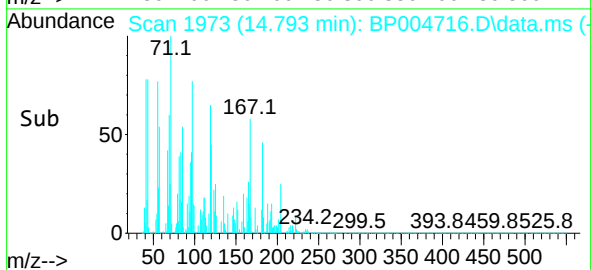
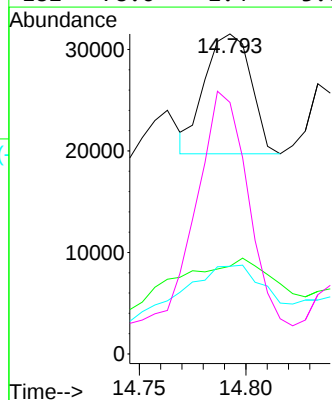
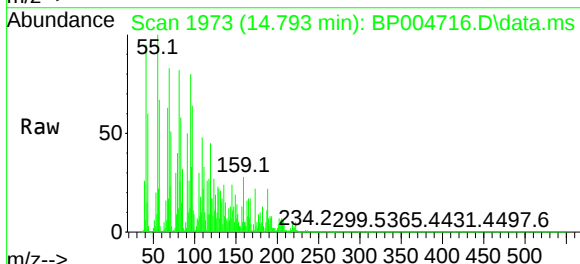
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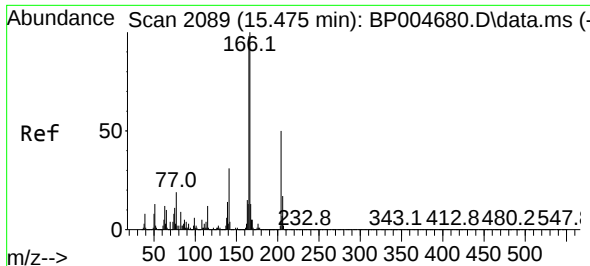
Tgt Ion:139 Resp: 9977
Ion Ratio Lower Upper
139 100
109 752.8 44.6 84.6#
65 193.9 41.6 81.6#



#57
2,4-Dinitrotoluene
Concen: 4.62 ng
RT: 14.793 min Scan# 1973
Delta R.T. 0.012 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

Tgt Ion:165 Resp: 17745
Ion Ratio Lower Upper
165 100
63 27.4 20.6 31.0
89 27.4 42.6 63.8#
182 78.6 2.4 3.6#

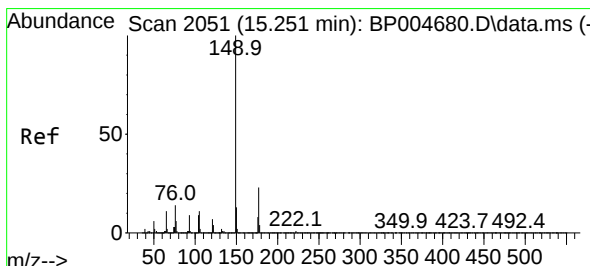
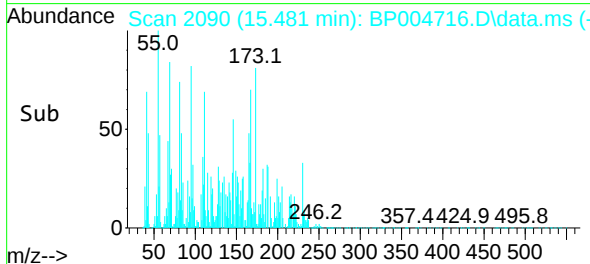
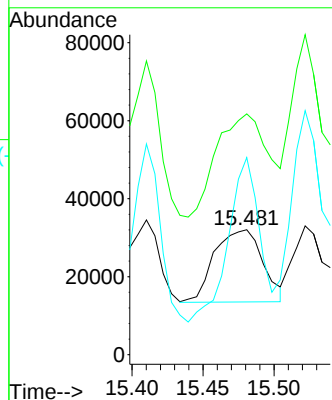
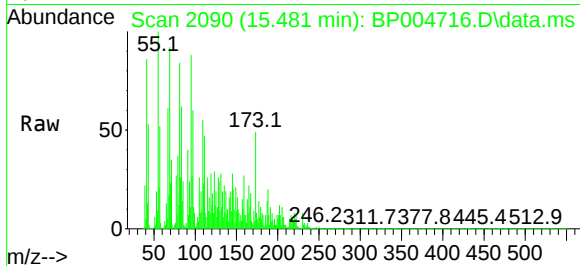




#58
Fluorene
Concen: 3.33 ng
RT: 15.481 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

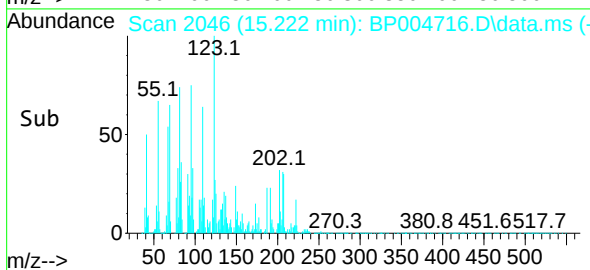
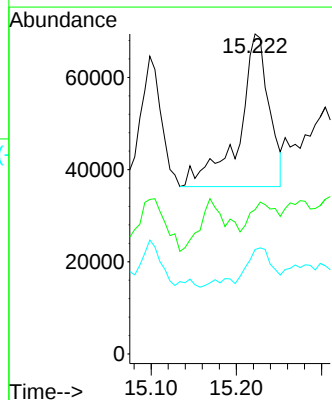
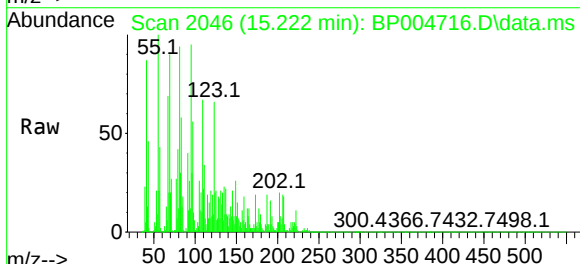
Instrument :
BNA_P
ClientSampleId :
T1223-367469

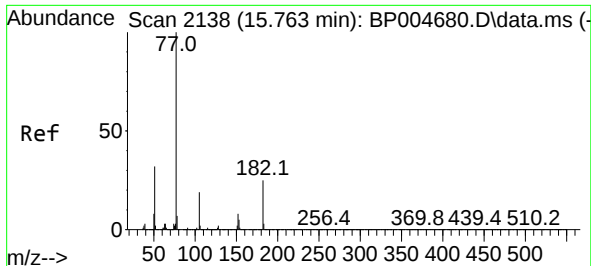
Tgt Ion:166 Resp: 43745
Ion Ratio Lower Upper
166 100
165 192.7 77.8 116.8#
167 157.7 11.0 16.4#



#60
Diethylphthalate
Concen: 5.80 ng
RT: 15.222 min Scan# 2046
Delta R.T. -0.029 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

Tgt Ion:149 Resp: 80933
Ion Ratio Lower Upper
149 100
177 45.1 18.0 27.0#
150 32.6 10.0 15.0#

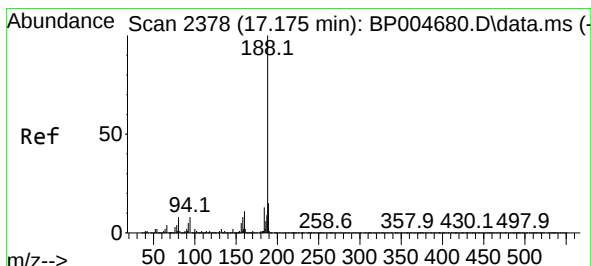
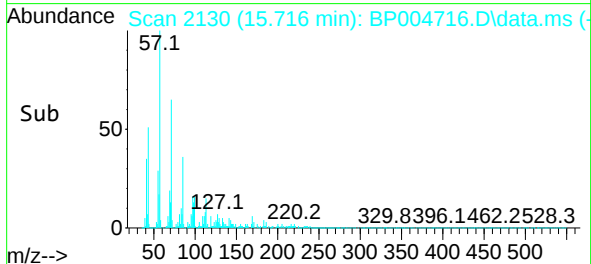
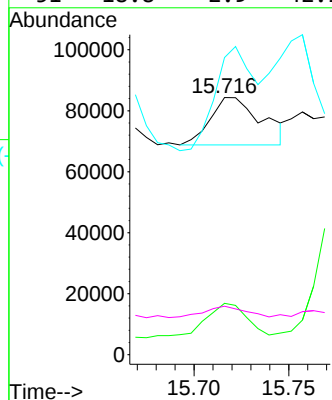
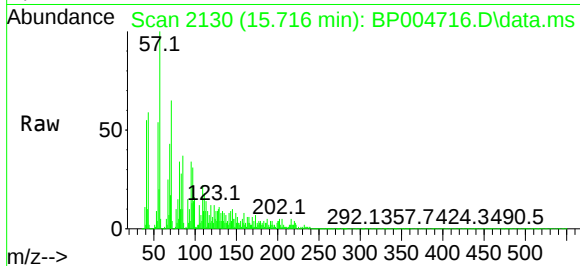




#63
Azobenzene
Concen: 2.23 ng
RT: 15.716 min Scan# 2130
Delta R.T. -0.047 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

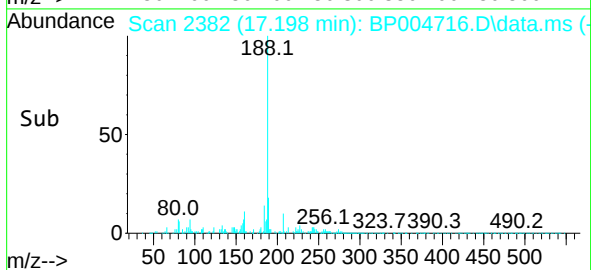
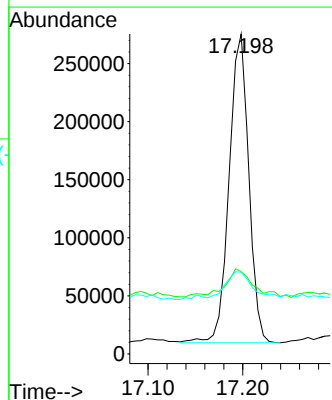
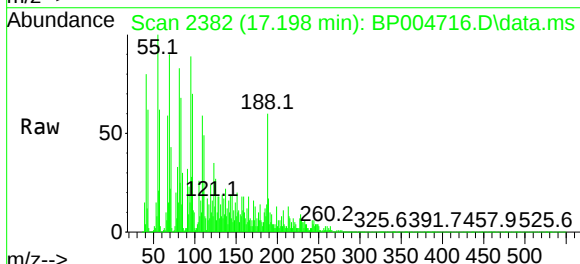
Instrument :
BNA_P
ClientSampleId :
T1223-367469

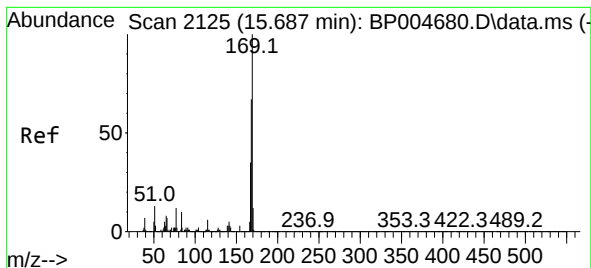
Tgt Ion: 77	Resp: 29160
Ion Ratio	Lower Upper
77 100	
182 20.0	16.9 56.9
105 115.6	5.6 45.6#
51 18.8	2.9 42.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.198 min Scan# 2382
Delta R.T. 0.024 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

Tgt Ion: 188	Resp: 382857
Ion Ratio	Lower Upper
188 100	
94 25.8	6.2 9.2#
80 25.6	6.2 9.2#

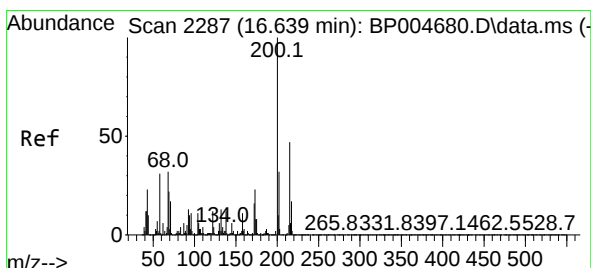
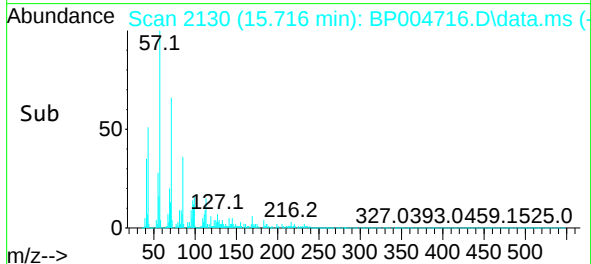
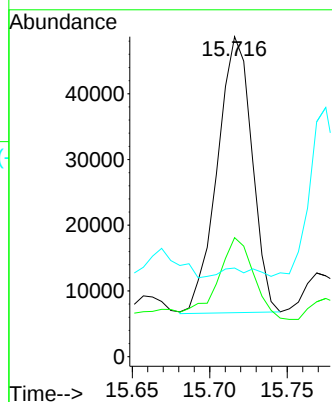
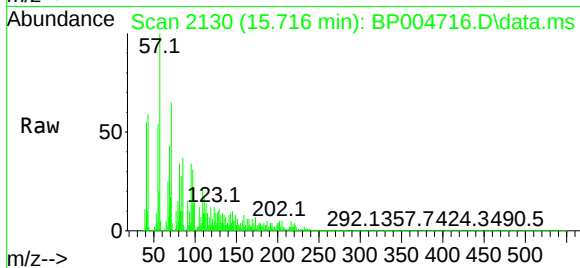




#66
n-Nitrosodiphenylamine
Concen: 5.24 ng
RT: 15.716 min Scan# 2130
Delta R.T. 0.030 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

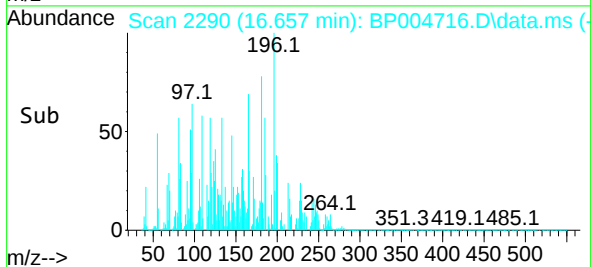
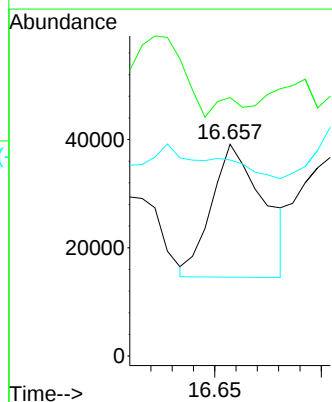
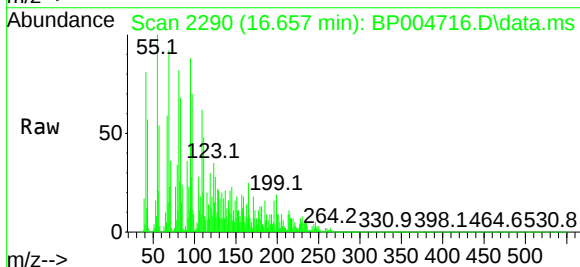
Instrument :
BNA_P
ClientSampleId :
T1223-367469

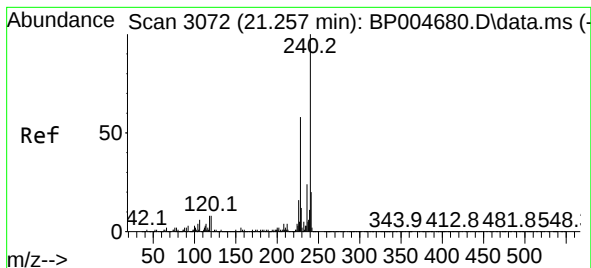
Tgt Ion:169 Resp: 65228
Ion Ratio Lower Upper
169 100
168 37.2 53.8 80.6#
167 27.7 28.9 43.3#



#69
Atrazine
Concen: 10.20 ng
RT: 16.657 min Scan# 2290
Delta R.T. 0.018 min
Lab File: BP004716.D
Acq: 11 Feb 2021 15:09

Tgt Ion:200 Resp: 41647
Ion Ratio Lower Upper
200 100
173 122.0 5.9 45.9#
215 92.6 28.4 68.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.263 min Scan# 3073

Delta R.T. 0.006 min

Lab File: BP004716.D

Acq: 11 Feb 2021 15:09

Instrument :

BNA_P

ClientSampleId :

T1223-367469

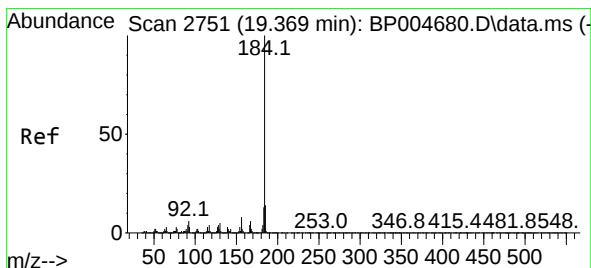
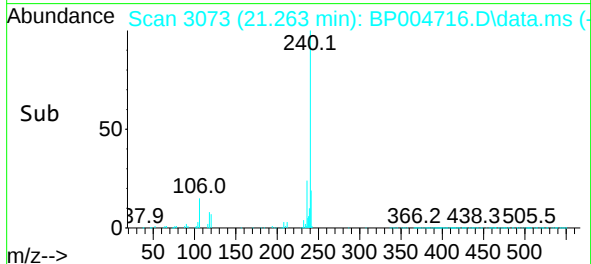
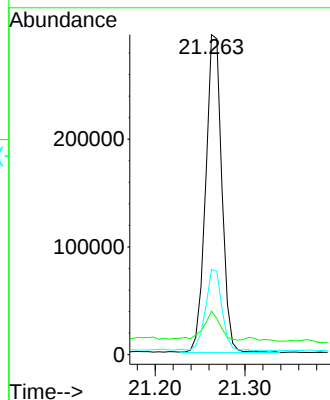
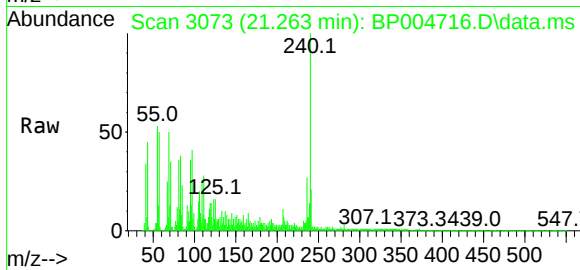
Tgt Ion:240 Resp: 369388

Ion Ratio Lower Upper

240 100

120 13.6 7.8 11.6#

236 26.6 20.8 31.2



#77

Benzidine

Concen: 2.45 ng

RT: 19.357 min Scan# 2749

Delta R.T. -0.012 min

Lab File: BP004716.D

Acq: 11 Feb 2021 15:09

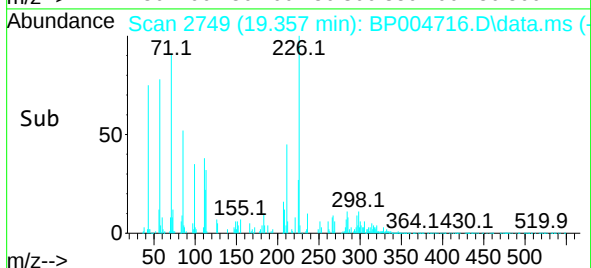
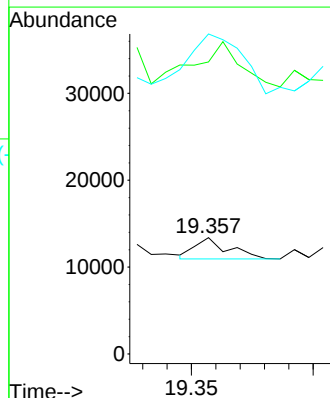
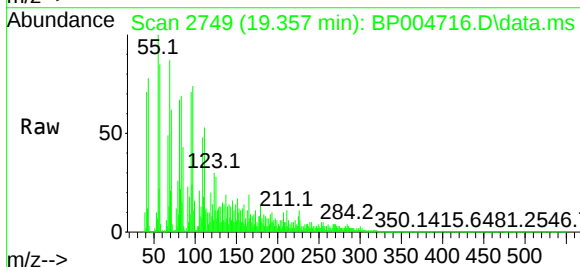
Tgt Ion:184 Resp: 2335

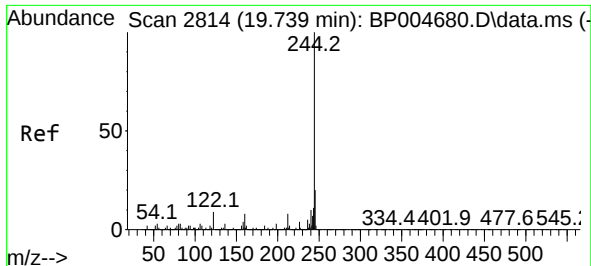
Ion Ratio Lower Upper

184 100

185 250.8 11.5 17.3#

183 274.9 9.6 14.4#

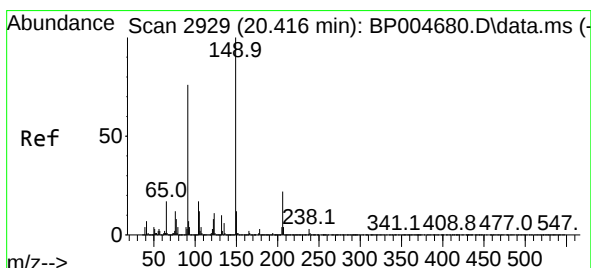
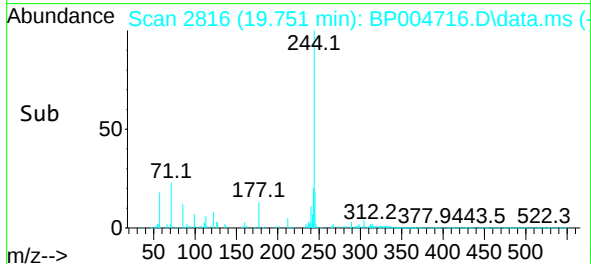
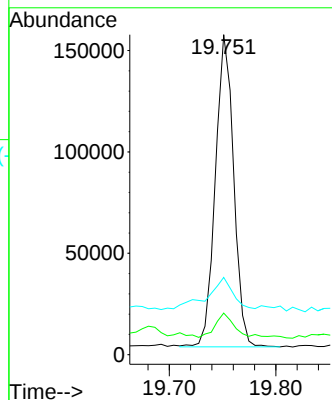
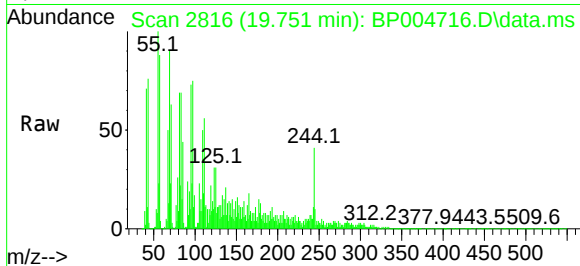




#79
 Terphenyl-d14
 Concen: 8.33 ng
 RT: 19.751 min Scan# 2816
 Delta R.T. 0.012 min
 Lab File: BP004716.D
 Acq: 11 Feb 2021 15:09

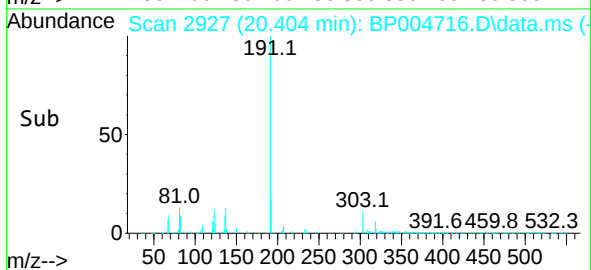
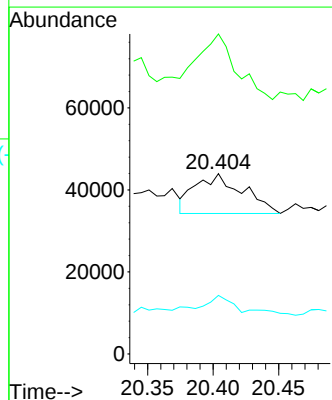
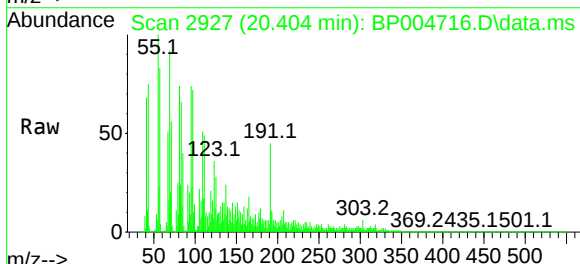
Instrument :
 BNA_P
 ClientSampleId :
 T1223-367469

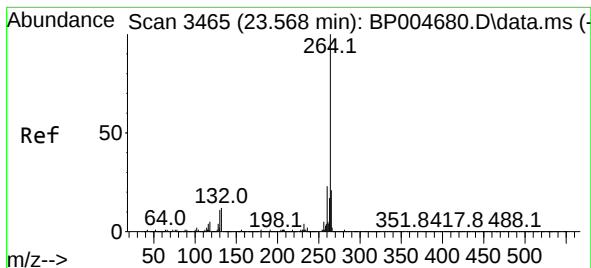
Tgt Ion:244 Resp: 183218
 Ion Ratio Lower Upper
 244 100
 212 13.0 5.8 8.6#
 122 24.1 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 2.38 ng
 RT: 20.404 min Scan# 2927
 Delta R.T. -0.012 min
 Lab File: BP004716.D
 Acq: 11 Feb 2021 15:09

Tgt Ion:149 Resp: 24355
 Ion Ratio Lower Upper
 149 100
 91 177.5 45.4 68.0#
 206 32.4 17.1 25.7#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.563 min Scan# 3464

Delta R.T. -0.006 min

Lab File: BP004716.D

Acq: 11 Feb 2021 15:09

Instrument :

BNA_P

ClientSampleId :

T1223-367469

Tgt Ion:264 Resp: 360027

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 22.4 17.4 26.2

