

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004717.D
 Acq On : 11 Feb 2021 15:43
 Operator : CG/JU
 Sample : M1357-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T1109-346592

Quant Time: Feb 11 16:26:09 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)

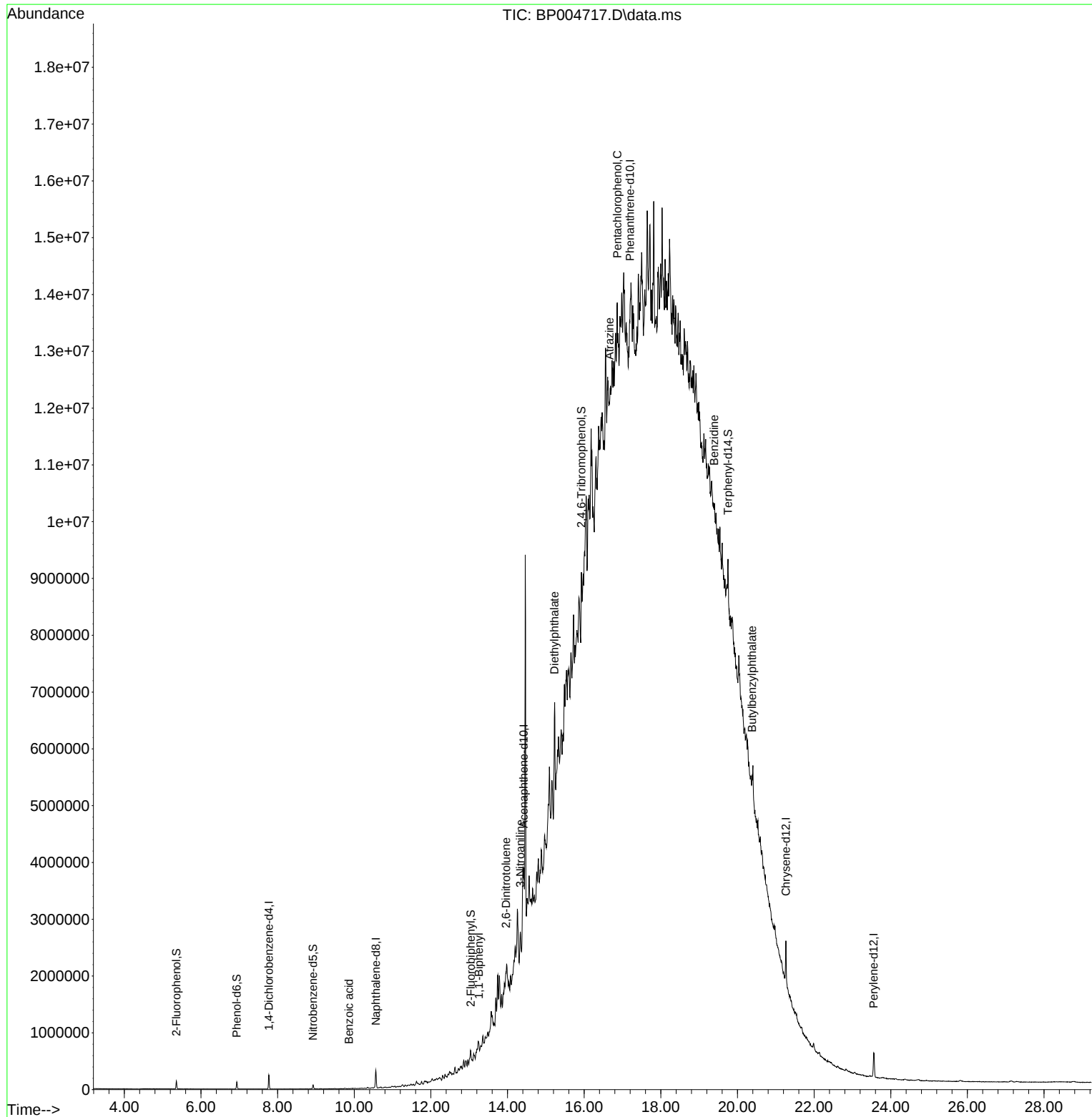
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	62804	20.00	ng	# 0.00
21) Naphthalene-d8	10.563	136	239778	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	170909	20.00	ng	0.00
64) Phenanthrene-d10	17.198	188	362878	20.00	ng	# 0.02
76) Chrysene-d12	21.263	240	310379	20.00	ng	0.00
86) Perylene-d12	23.557	264	317516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	54848	13.48	ng	0.00
7) Phenol-d6	6.934	99	65530	11.71	ng	0.00
23) Nitrobenzene-d5	8.922	82	41337	7.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.928	330	26032	11.46	ng	0.01
45) 2-Fluorobiphenyl	13.040	172	95734	6.85	ng	0.00
79) Terphenyl-d14	19.751	244	160996	8.71	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.863	122	47	6.86	ng	# 5
46) 1,1'-Biphenyl	13.251	154	39203	2.74	ng	92
51) 2,6-Dinitrotoluene	13.963	165	28517	9.41	ng	# 63
53) 3-Nitroaniline	14.334	138	10572	3.36	ng	# 61
60) Diethylphthalate	15.222	149	50862	3.38	ng	# 35
69) Atrazine	16.663	200	46295	11.96	ng	# 1
70) Pentachlorophenol	16.863	266	7496	2.63	ng	# 1
77) Benzidine	19.392	184	1246	2.34	ng	# 1
80) Butylbenzylphthalate	20.380	149	24830	2.89	ng	# 13

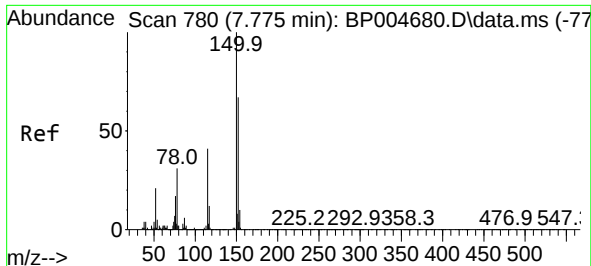
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

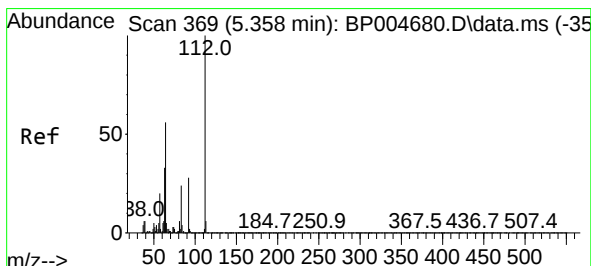
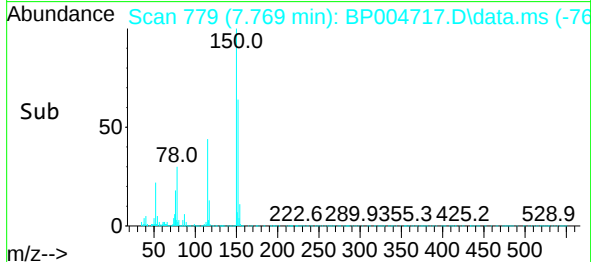
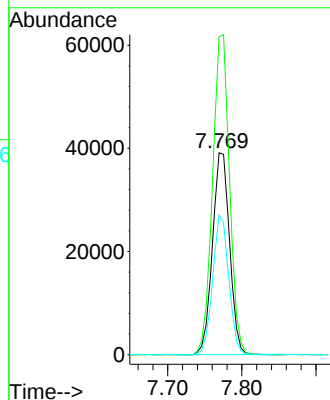
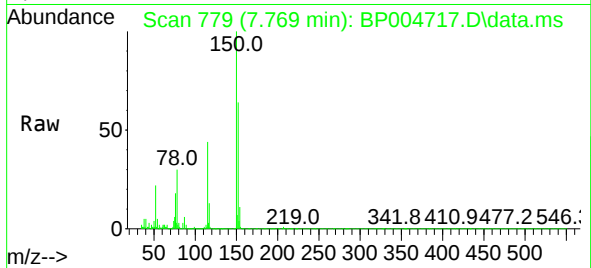




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

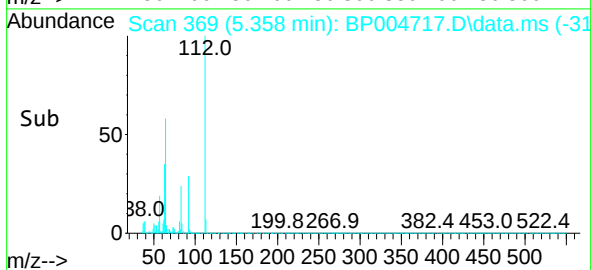
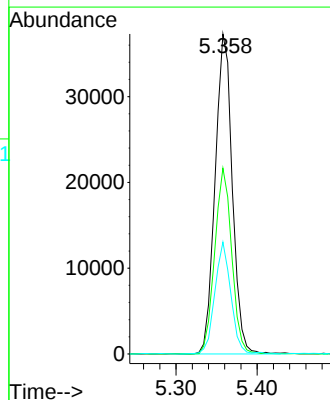
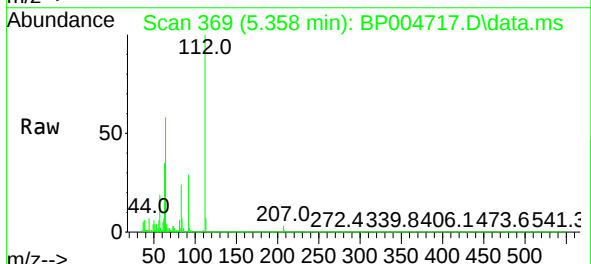
Instrument :
BNA_P
ClientSampleId :
T1109-346592

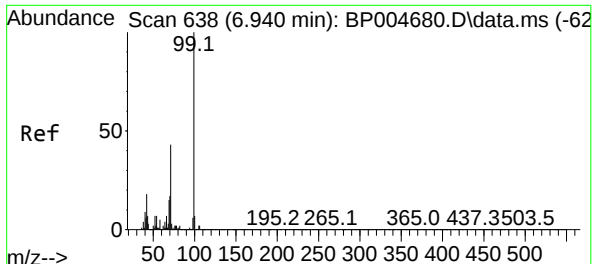
Tgt Ion:152 Resp: 62804
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 69.3 43.8 65.6#



#5
2-Fluorophenol
Concen: 13.48 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion:112 Resp: 54848
Ion Ratio Lower Upper
112 100
64 58.1 32.8 49.2#
63 34.9 17.0 25.4#

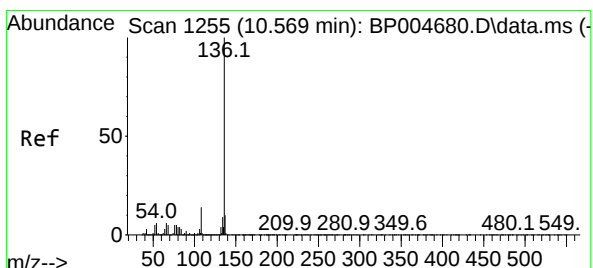
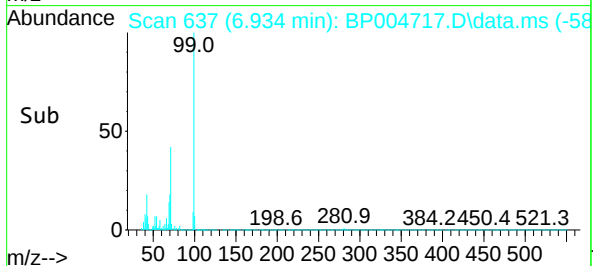
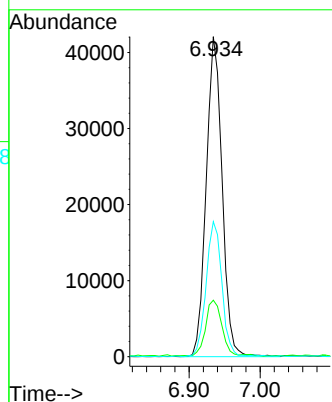
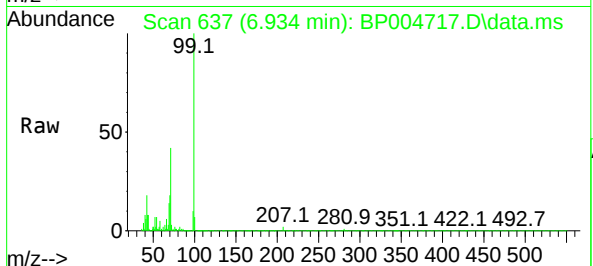




#7
Phenol-d6
Concen: 11.71 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

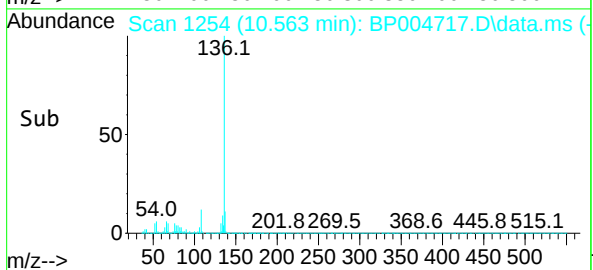
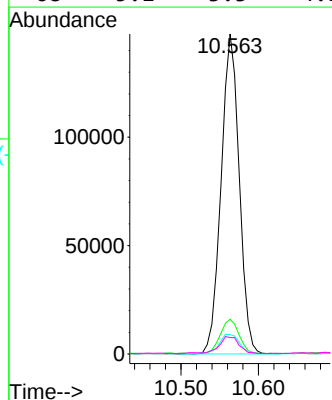
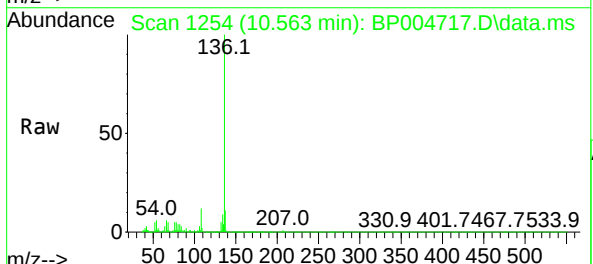
Instrument :
BNA_P
ClientSampleId :
T1109-346592

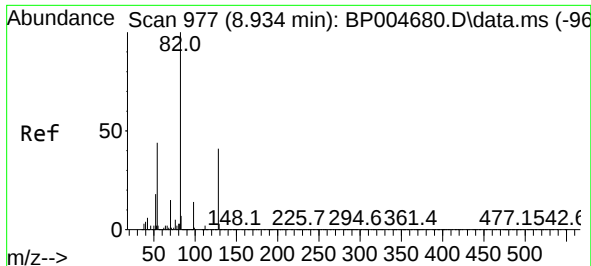
Tgt Ion: 99 Resp: 65530
Ion Ratio Lower Upper
99 100
42 17.7 8.6 13.0#
71 42.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion: 136 Resp: 239778
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.0 3.6 5.4#
68 5.1 3.3 4.9#

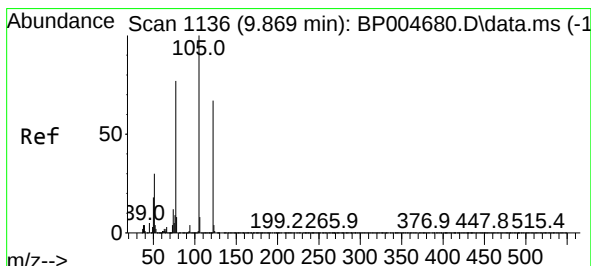
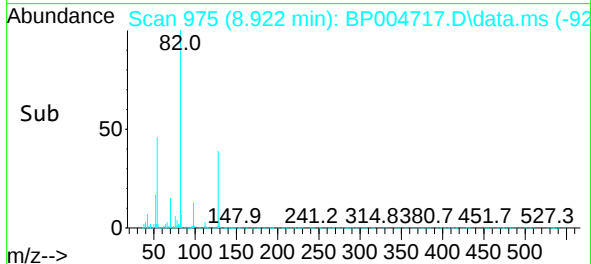
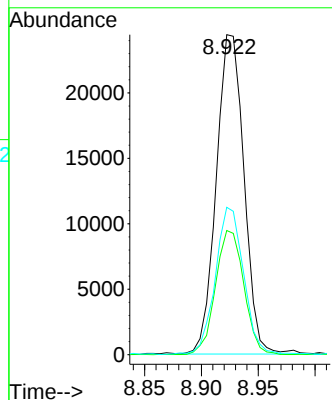
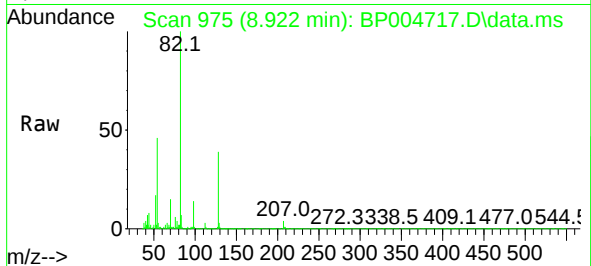




#23
Nitrobenzene-d5
Concen: 7.51 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

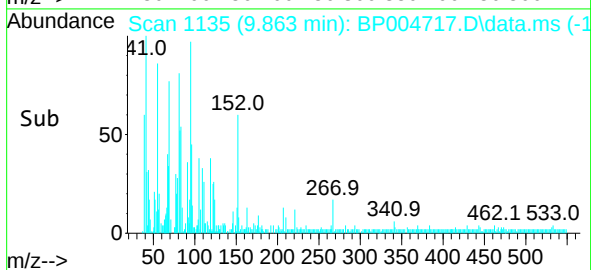
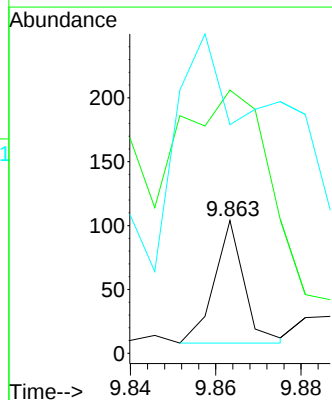
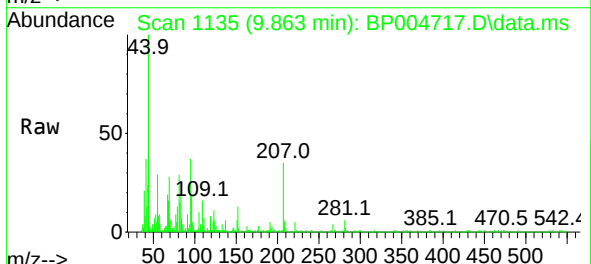
Instrument :
BNA_P
ClientSampleId :
T1109-346592

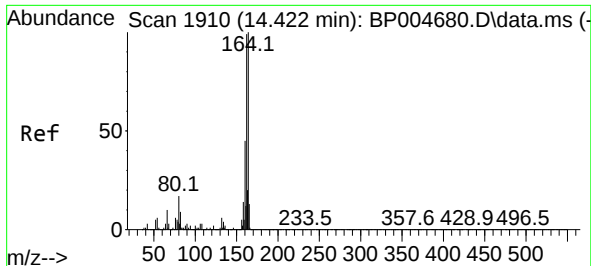
Tgt Ion: 82 Resp: 41337
Ion Ratio Lower Upper
82 100
128 38.8 45.6 68.4#
54 46.1 30.1 45.1#



#32
Benzoic acid
Concen: 6.86 ng
RT: 9.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion: 122 Resp: 47
Ion Ratio Lower Upper
122 100
105 198.1 94.1 134.1#
77 172.1 50.1 90.1#

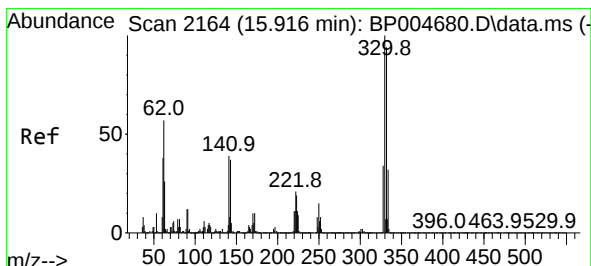
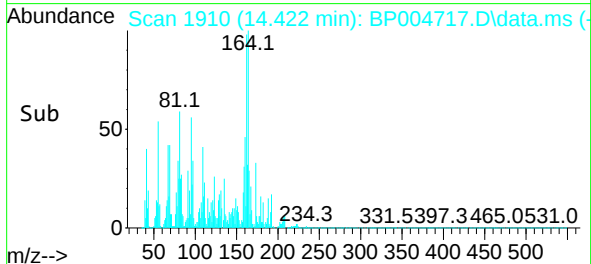
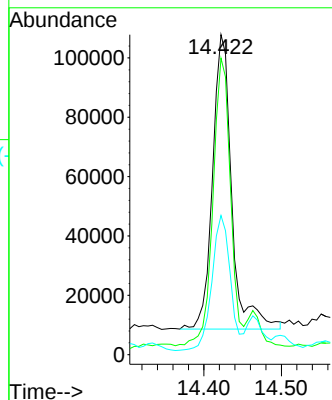
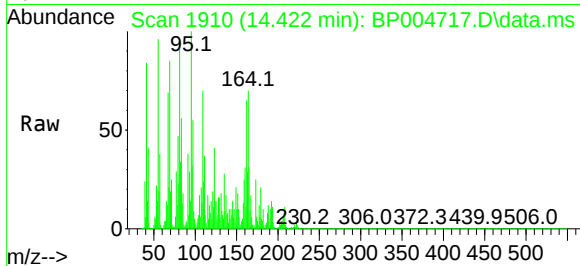




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.422 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

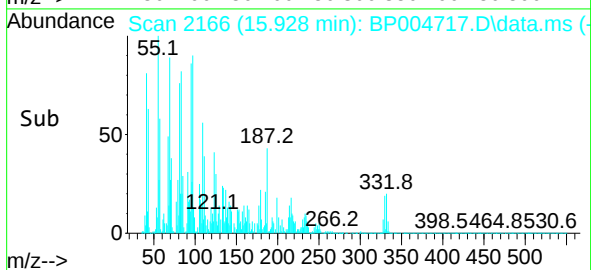
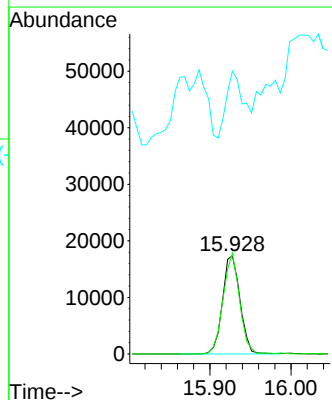
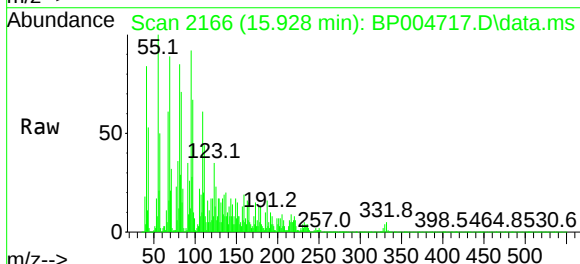
Instrument :
BNA_P
ClientSampleId :
T1109-346592

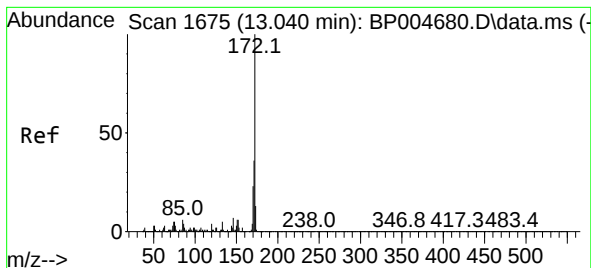
Tgt Ion:164 Resp: 170909
Ion Ratio Lower Upper
164 100
162 92.7 79.4 119.2
160 43.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 11.46 ng
RT: 15.928 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion:330 Resp: 26032
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 68.5 23.4 35.2#

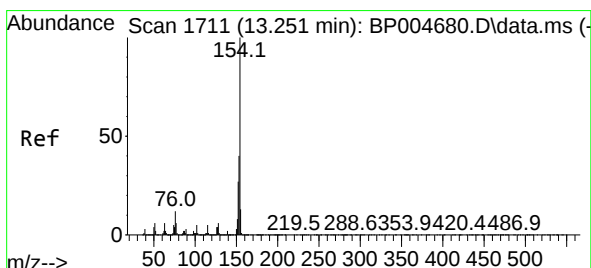
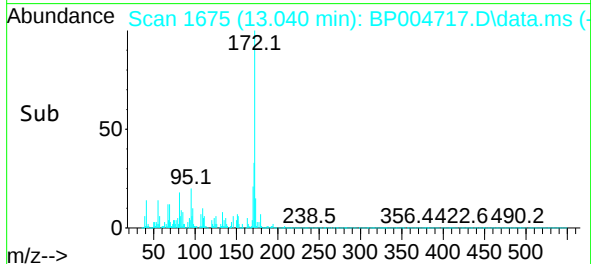
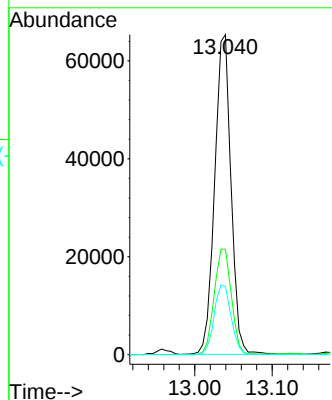
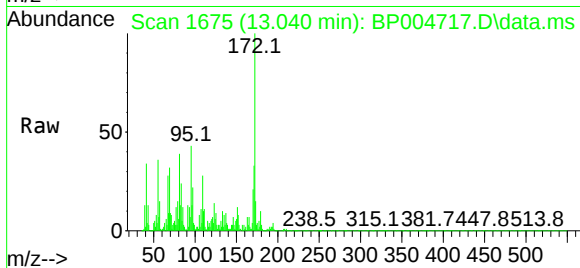




#45
2-Fluorobiphenyl
Concen: 6.85 ng
RT: 13.040 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

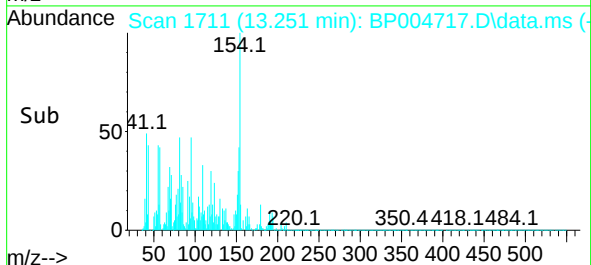
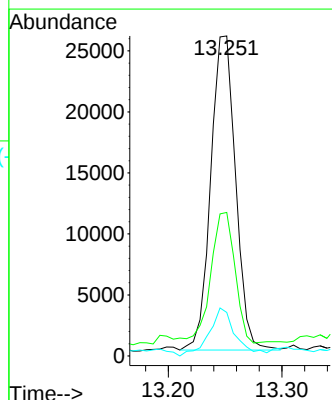
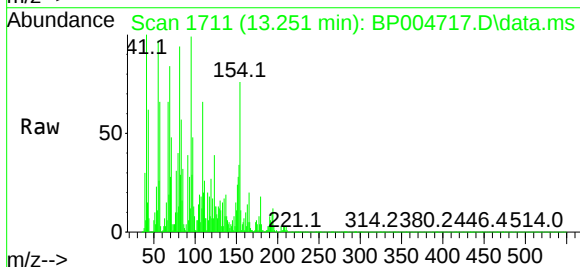
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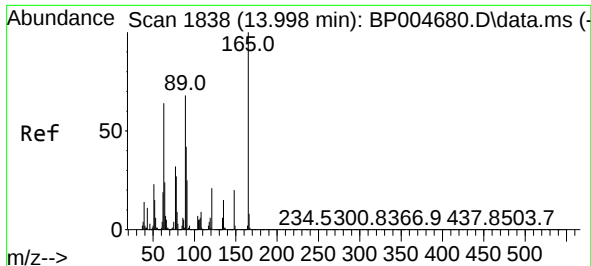
Tgt Ion:172 Resp: 95734
Ion Ratio Lower Upper
172 100
171 32.9 28.5 42.7
170 21.2 19.2 28.8



#46
1,1'-Biphenyl
Concen: 2.74 ng
RT: 13.251 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion:154 Resp: 39203
Ion Ratio Lower Upper
154 100
153 44.8 20.4 60.4
76 13.6 0.0 29.3

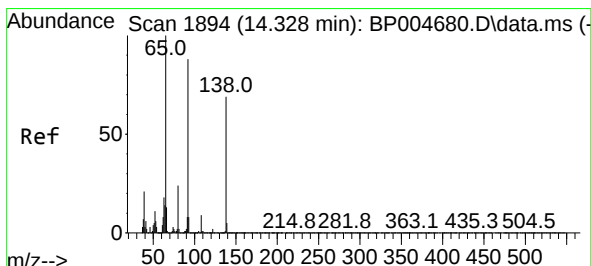
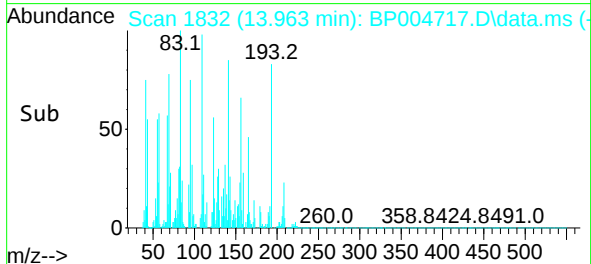
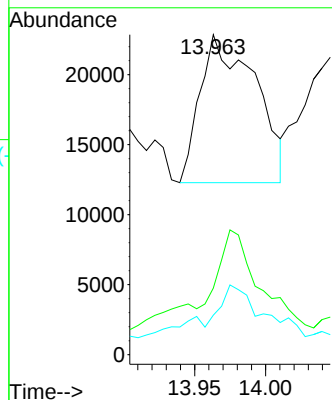
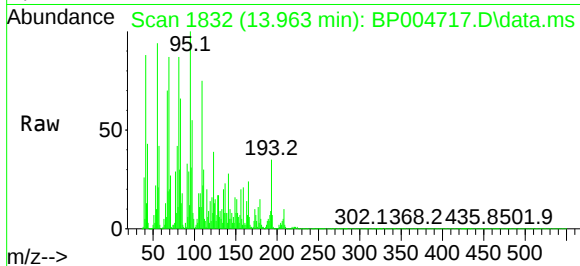




#51
2,6-Dinitrotoluene
Concen: 9.41 ng
RT: 13.963 min Scan# 1832
Delta R.T. -0.035 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

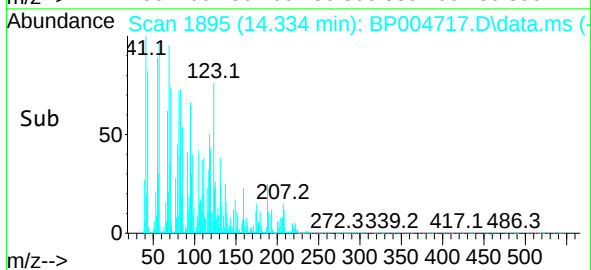
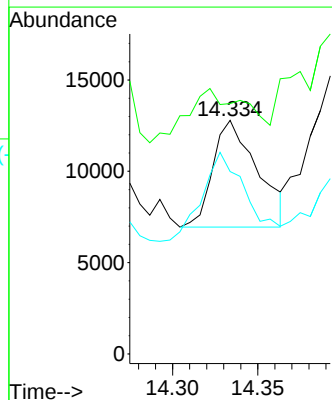
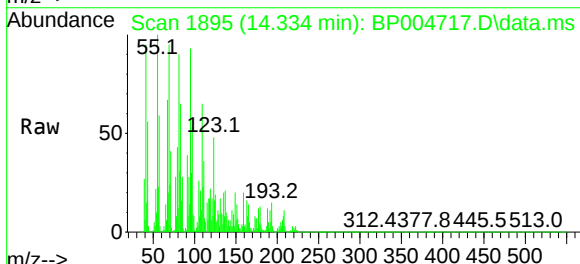
Instrument :
BNA_P
ClientSampled :
T1109-346592

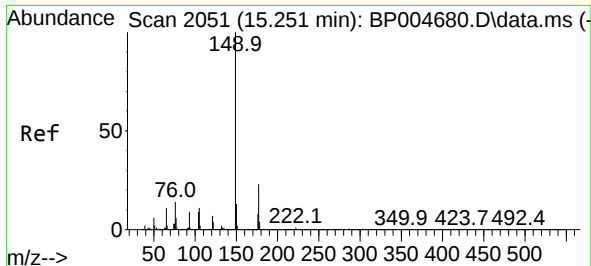
Tgt Ion:165 Resp: 28517
Ion Ratio Lower Upper
165 100
63 20.8 27.8 41.6#
89 12.4 34.6 52.0#



#53
3-Nitroaniline
Concen: 3.36 ng
RT: 14.334 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion:138 Resp: 10572
Ion Ratio Lower Upper
138 100
108 107.2 7.5 11.3#
92 78.1 75.0 112.6

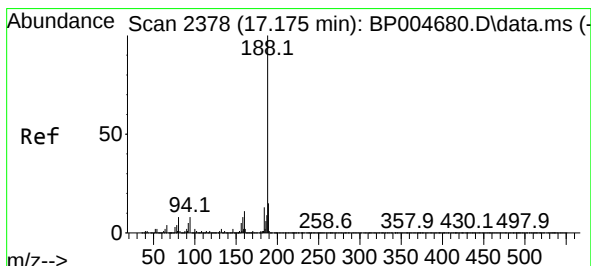
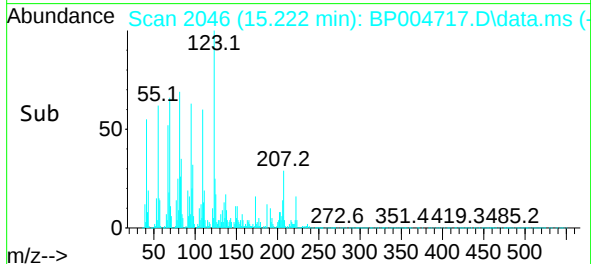
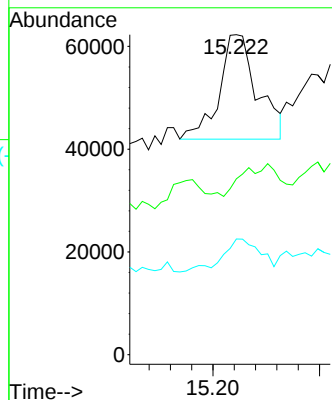
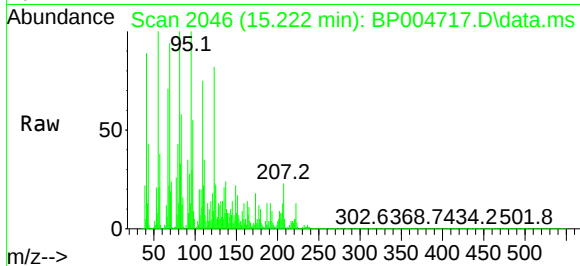




#60
Diethylphthalate
Concen: 3.38 ng
RT: 15.222 min Scan# 2046
Delta R.T. -0.029 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

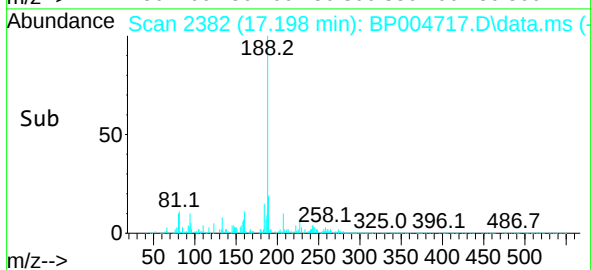
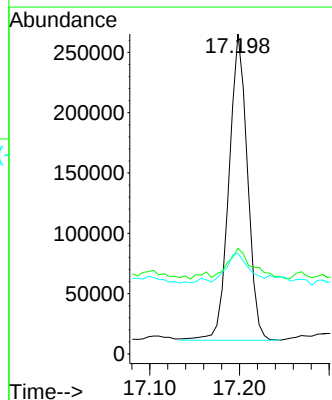
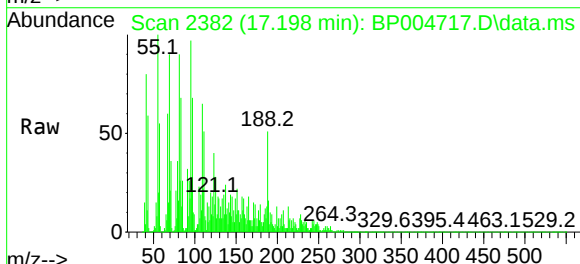
Instrument :
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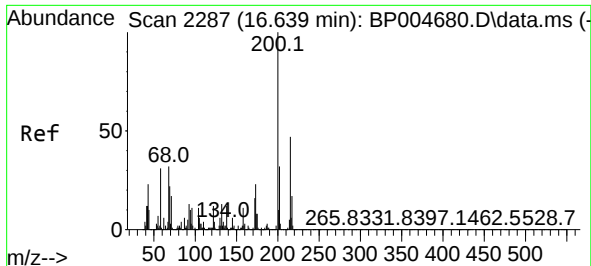
Tgt Ion:149 Resp: 50862
Ion Ratio Lower Upper
149 100
177 54.9 18.0 27.0#
150 36.1 10.0 15.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.198 min Scan# 2382
Delta R.T. 0.024 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion:188 Resp: 362878
Ion Ratio Lower Upper
188 100
94 33.1 6.2 9.2#
80 31.5 6.2 9.2#

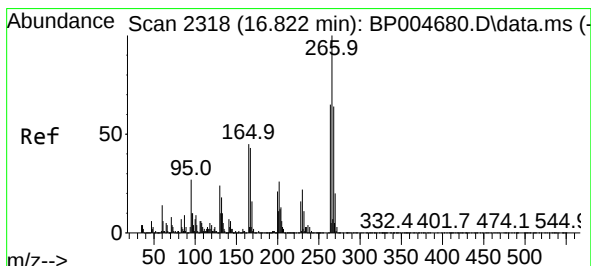
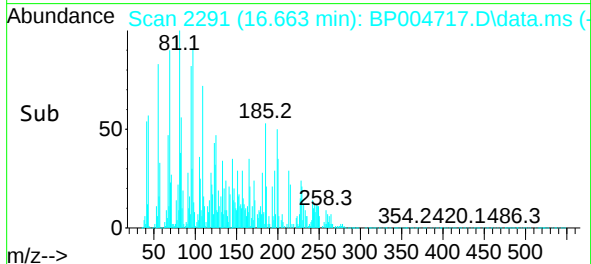
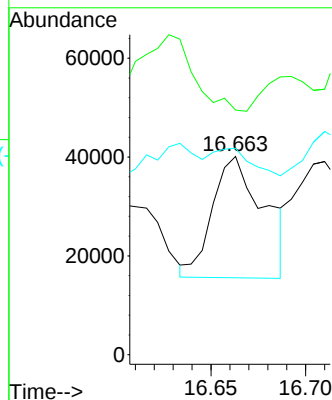
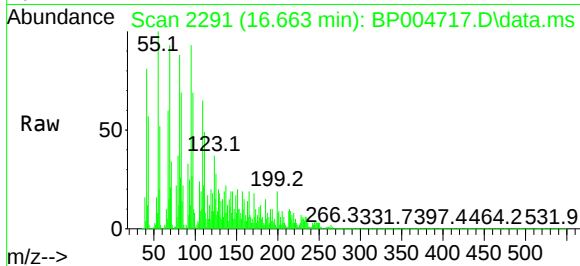




#69
Atrazine
Concen: 11.96 ng
RT: 16.663 min Scan# 2291
Delta R.T. 0.024 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

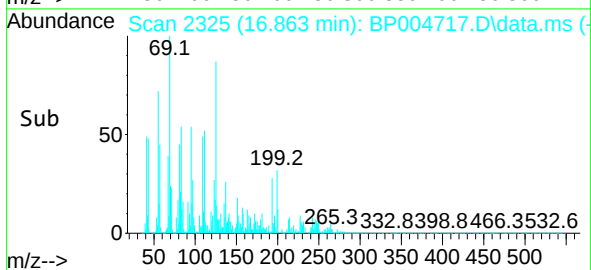
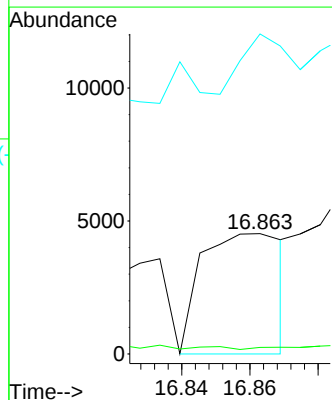
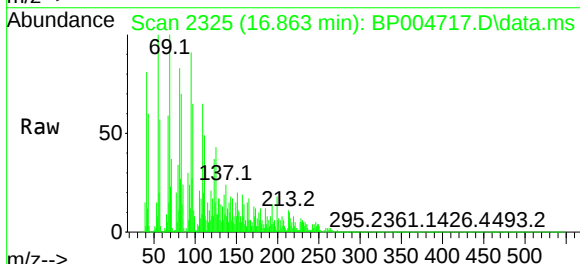
Instrument :
BNA_P
ClientSampleId :
T1109-346592

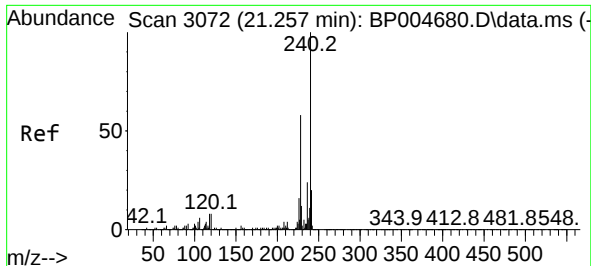
Tgt Ion:200 Resp: 46295
Ion Ratio Lower Upper
200 100
173 123.4 5.9 45.9#
215 104.1 28.4 68.4#



#70
Pentachlorophenol
Concen: 2.63 ng
RT: 16.863 min Scan# 2325
Delta R.T. 0.041 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion:266 Resp: 7496
Ion Ratio Lower Upper
266 100
268 5.5 51.1 76.7#
264 265.9 50.6 76.0#

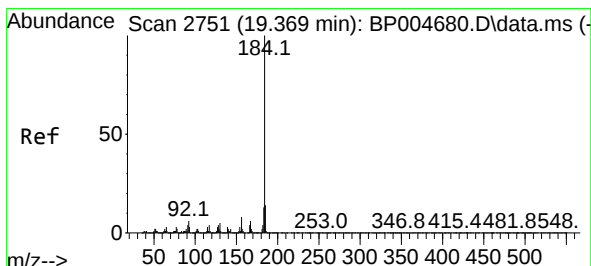
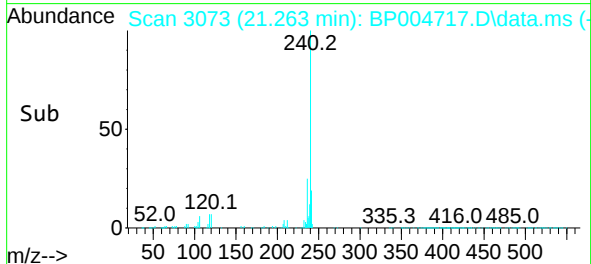
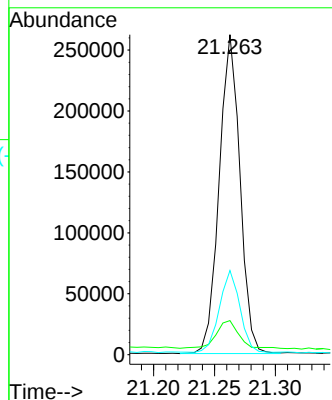
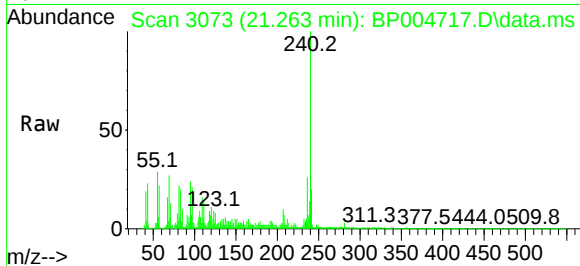




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.263 min Scan# 3073
Delta R.T. 0.006 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

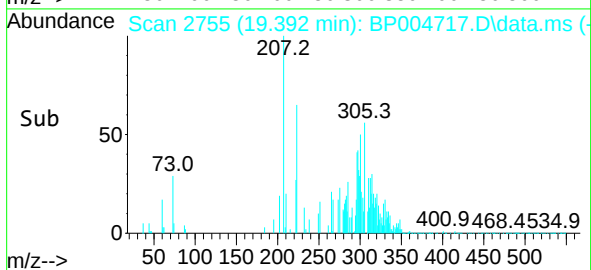
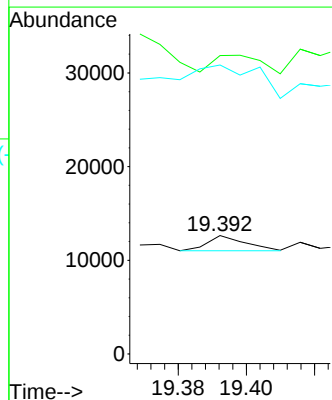
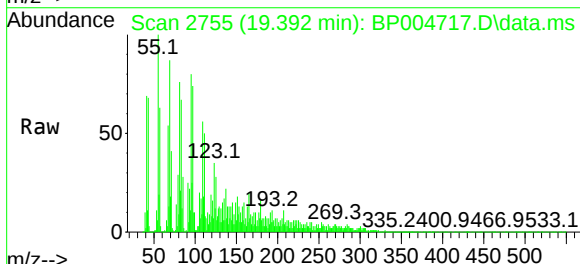
Instrument :
BNA_P
ClientSampleId :
T1109-346592

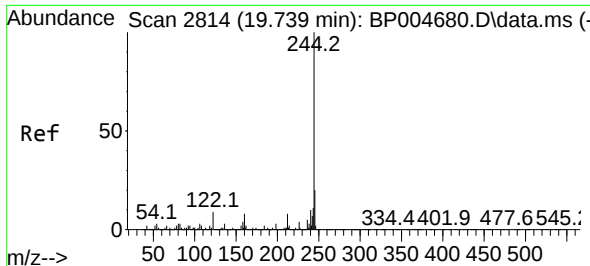
Tgt Ion:240 Resp: 310379
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.6
236 26.3 20.8 31.2



#77
Benzidine
Concen: 2.34 ng
RT: 19.392 min Scan# 2755
Delta R.T. 0.023 min
Lab File: BP004717.D
Acq: 11 Feb 2021 15:43

Tgt Ion:184 Resp: 1246
Ion Ratio Lower Upper
184 100
185 251.9 11.5 17.3#
183 243.9 9.6 14.4#

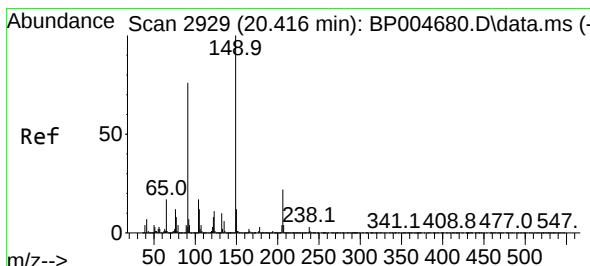
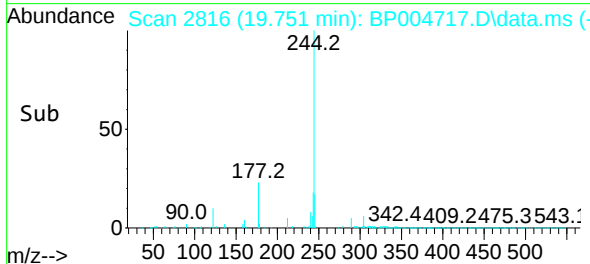
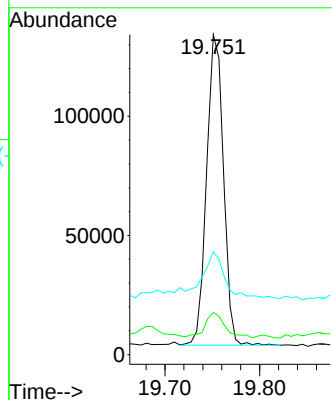
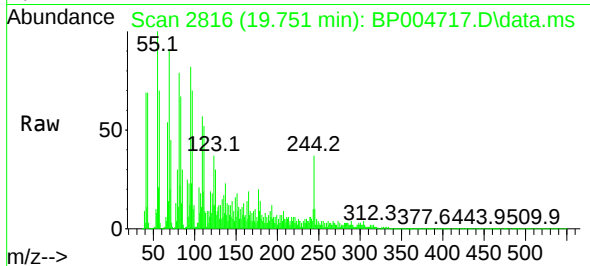




#79
 Terphenyl-d14
 Concen: 8.71 ng
 RT: 19.751 min Scan# 2816
 Delta R.T. 0.012 min
 Lab File: BP004717.D
 Acq: 11 Feb 2021 15:43

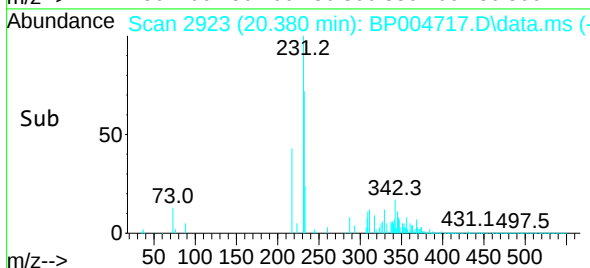
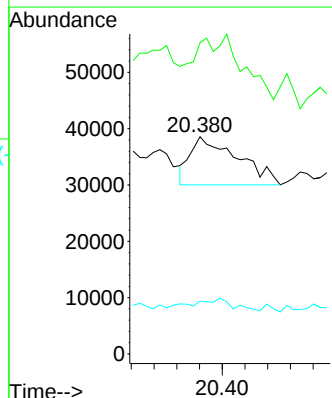
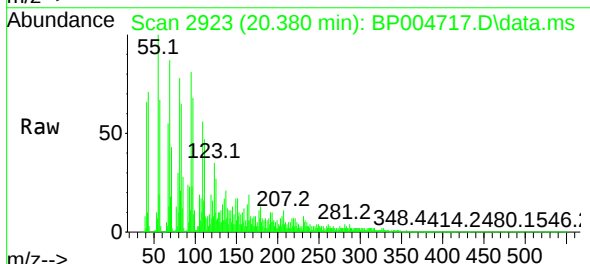
Instrument :
 BNA_P
 ClientSampleId :
 T1109-346592

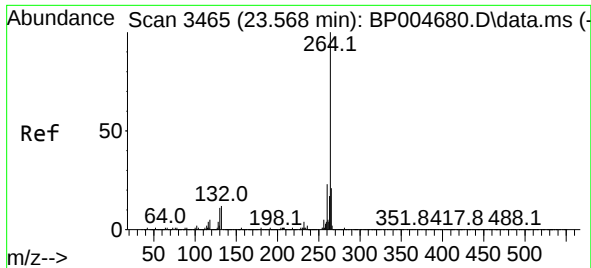
Tgt Ion:244 Resp: 160996
 Ion Ratio Lower Upper
 244 100
 212 13.2 5.8 8.6#
 122 32.1 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 2.89 ng
 RT: 20.380 min Scan# 2923
 Delta R.T. -0.035 min
 Lab File: BP004717.D
 Acq: 11 Feb 2021 15:43

Tgt Ion:149 Resp: 24830
 Ion Ratio Lower Upper
 149 100
 91 143.2 45.4 68.0#
 206 24.3 17.1 25.7





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.557 min Scan# 3463
 Delta R.T. -0.012 min
 Lab File: BP004717.D
 Acq: 11 Feb 2021 15:43

Instrument :
 BNA_P
 ClientSampleId :
 T1109-346592

Tgt Ion:	264	Resp:	317516
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.8	28.2
265	20.6	17.4	26.2

