

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004720.D
 Acq On : 11 Feb 2021 17:24
 Operator : CG/JU
 Sample : M1359-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T398-406501

Quant Time: Feb 11 23:39:04 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)

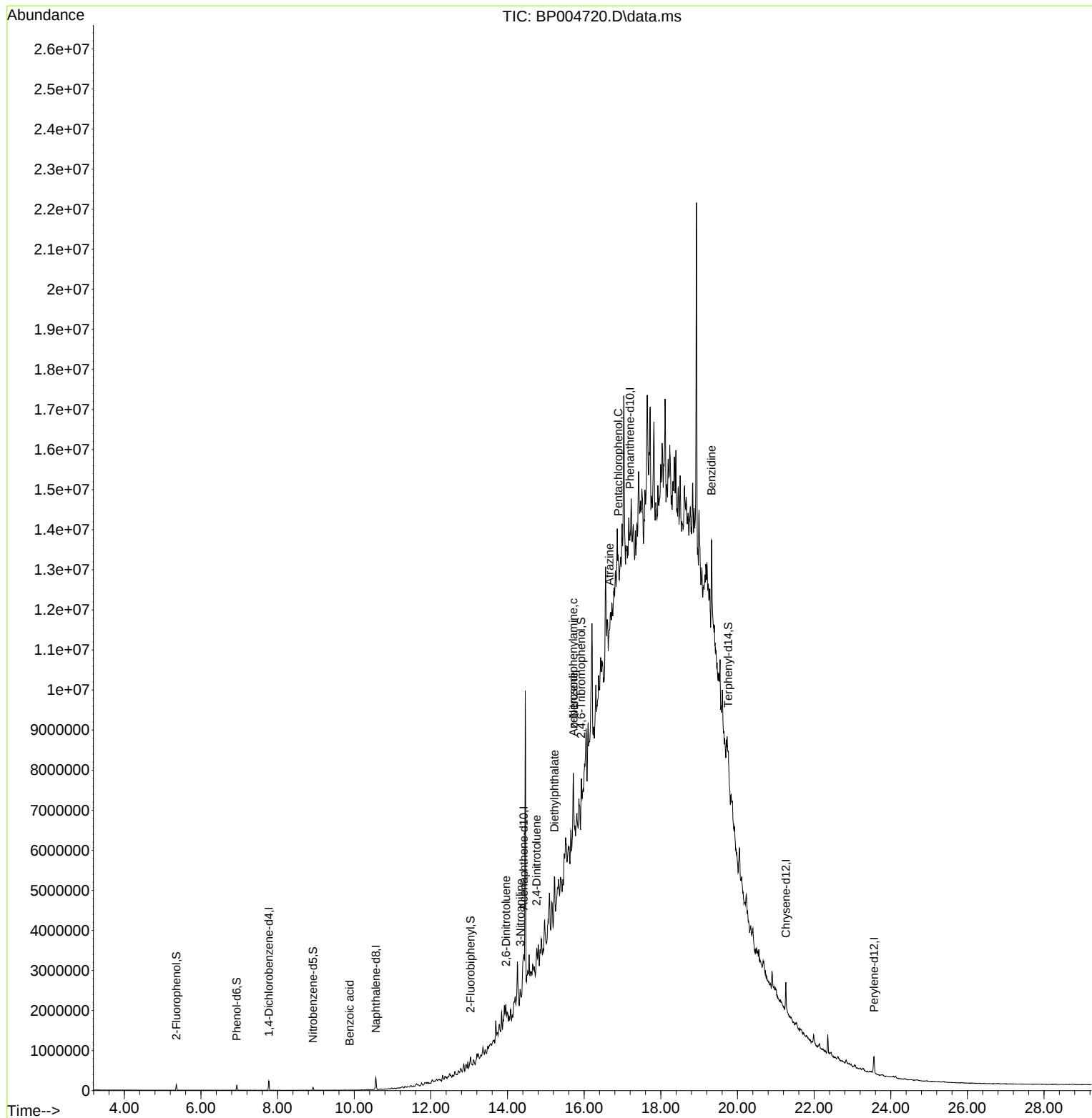
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	60415	20.00	ng	# 0.00
21) Naphthalene-d8	10.563	136	226885	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	147589	20.00	ng	0.00
64) Phenanthrene-d10	17.198	188	346038	20.00	ng	# 0.02
76) Chrysene-d12	21.263	240	305804	20.00	ng	0.00
86) Perylene-d12	23.562	264	303487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	55258	14.12	ng	0.00
7) Phenol-d6	6.934	99	64299	11.95	ng	0.00
23) Nitrobenzene-d5	8.922	82	41544	7.98	ng	-0.01
42) 2,4,6-Tribromophenol	15.922	330	26222	13.37	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	92064	7.62	ng	0.00
79) Terphenyl-d14	19.757	244	160748	8.83	ng	0.02
Target Compounds						Qvalue
32) Benzoic acid	9.881	122	134	6.89	ng	# 33
51) 2,6-Dinitrotoluene	13.963	165	9592	3.67	ng	# 56
53) 3-Nitroaniline	14.334	138	9045	3.32	ng	# 46
57) 2,4-Dinitrotoluene	14.757	165	14311	3.99	ng	# 61
60) Diethylphthalate	15.222	149	55679	4.28	ng	# 44
63) Azobenzene	15.722	77	42766	3.50	ng	# 44
66) n-Nitrosodiphenylamine	15.716	169	25378	2.26	ng	# 77
69) Atrazine	16.663	200	51102	13.84	ng	# 31
70) Pentachlorophenol	16.892	266	11161	4.11	ng	# 1
77) Benzidine	19.322	184	4761	2.91	ng	# 1

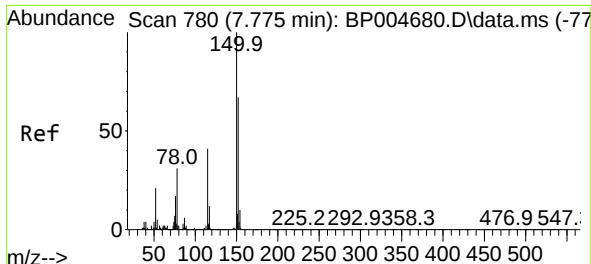
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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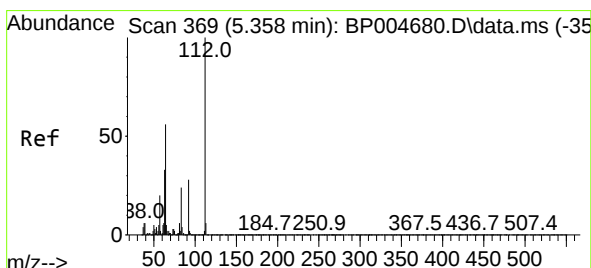
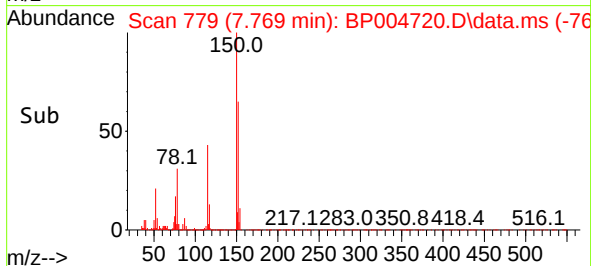
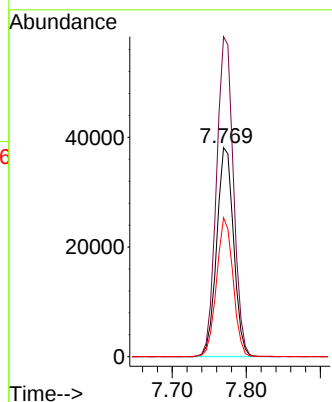
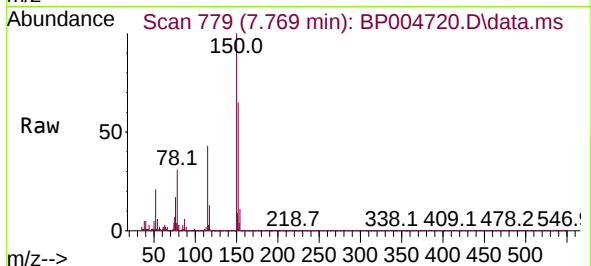




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

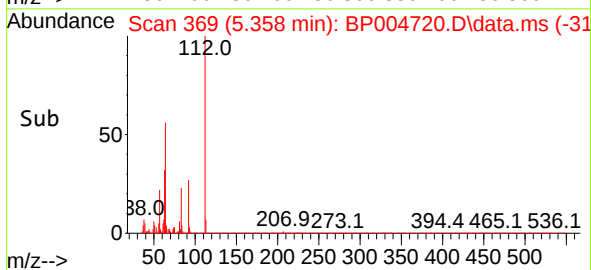
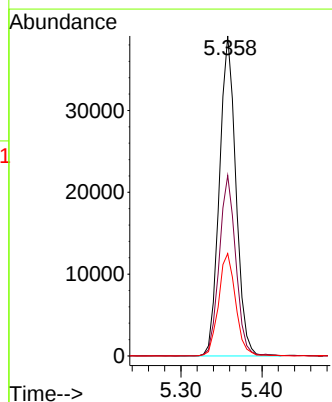
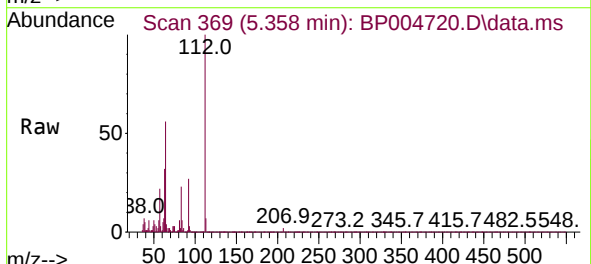
Instrument :
BNA_P
ClientSampleId :
T398-406501

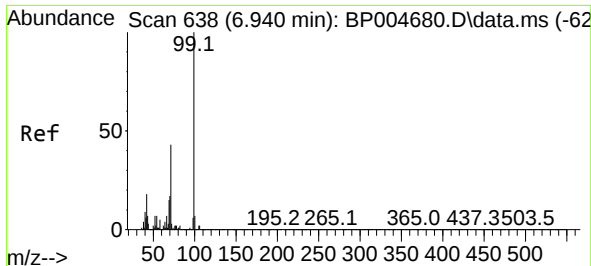
Tgt Ion:152 Resp: 60415
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 66.4 43.8 65.6#



#5
2-Fluorophenol
Concen: 14.12 ng
RT: 5.358 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

Tgt Ion:112 Resp: 55258
Ion Ratio Lower Upper
112 100
64 56.4 32.8 49.2#
63 32.0 17.0 25.4#

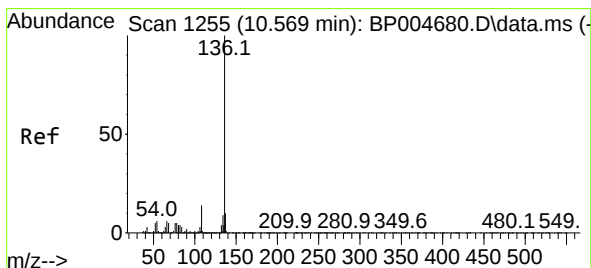
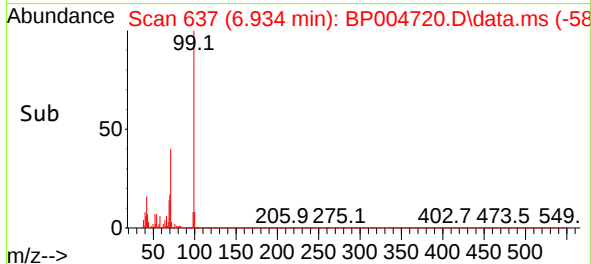
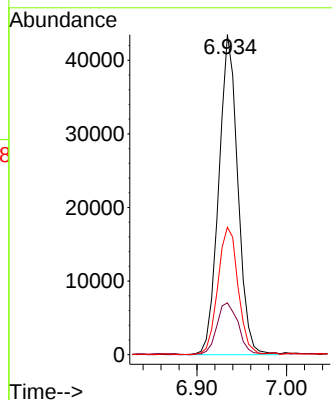
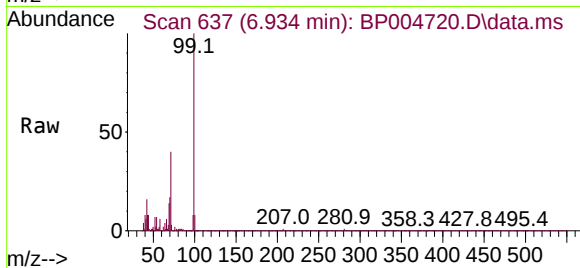




#7
Phenol-d6
Concen: 11.95 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

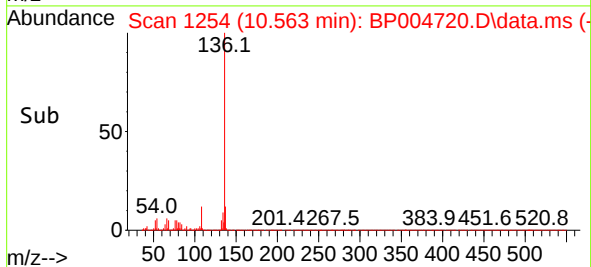
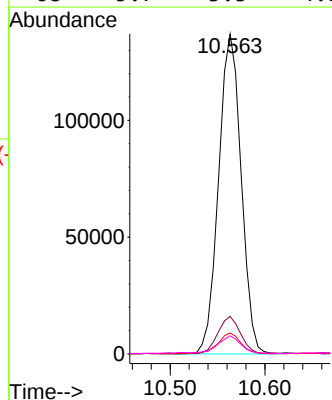
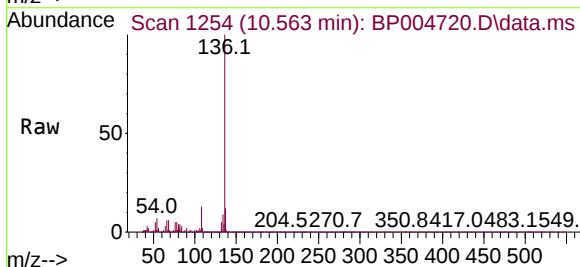
Instrument :
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ClientSampleId :
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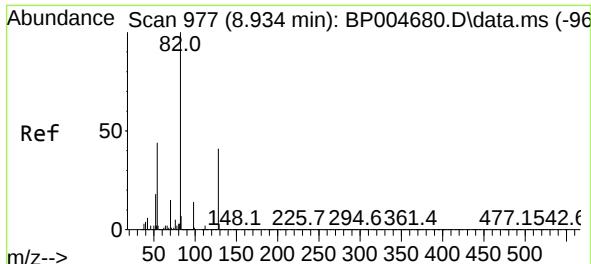
Tgt Ion: 99 Resp: 64299
Ion Ratio Lower Upper
99 100
42 16.2 8.6 13.0#
71 39.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

Tgt Ion: 136 Resp: 226885
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 6.6 3.6 5.4#
68 5.7 3.3 4.9#

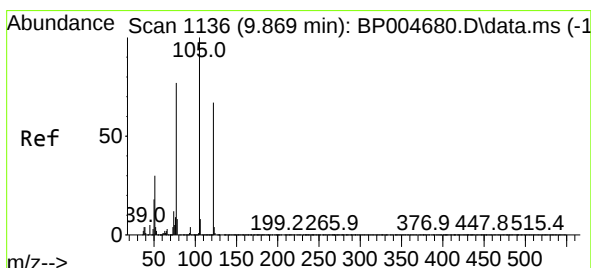
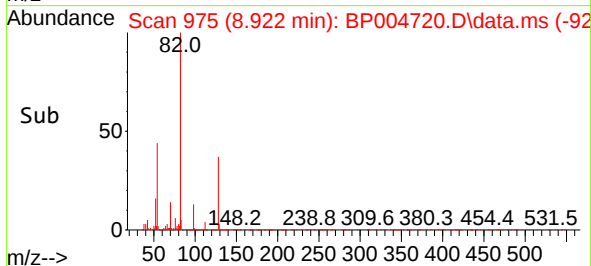
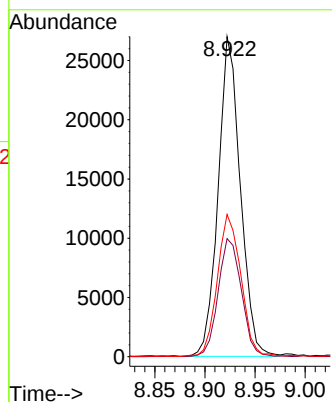
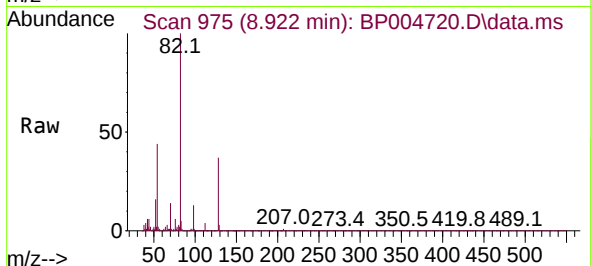




#23
Nitrobenzene-d5
Concen: 7.98 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

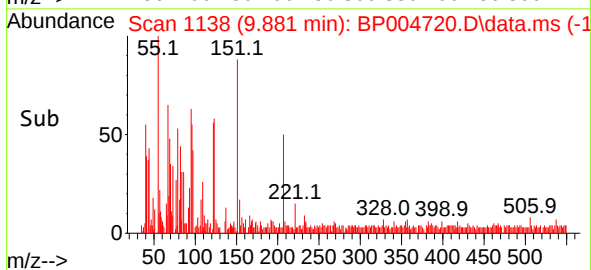
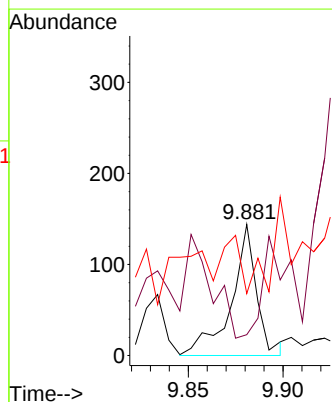
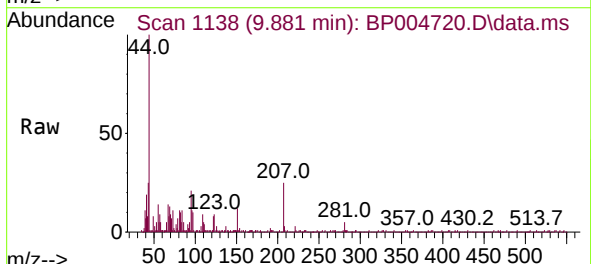
Instrument :
BNA_P
ClientSampleId :
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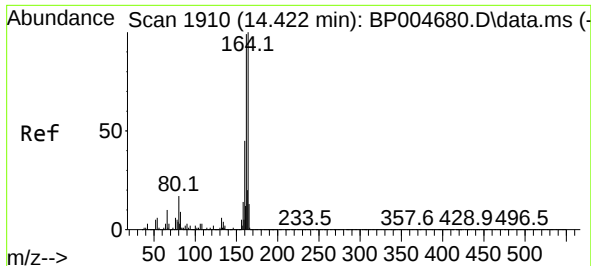
Tgt Ion: 82 Resp: 41544
Ion Ratio Lower Upper
82 100
128 36.9 45.6 68.4#
54 44.5 30.1 45.1



#32
Benzoic acid
Concen: 6.89 ng
RT: 9.881 min Scan# 1138
Delta R.T. 0.012 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

Tgt Ion: 122 Resp: 134
Ion Ratio Lower Upper
122 100
105 16.0 94.1 134.1#
77 47.2 50.1 90.1#

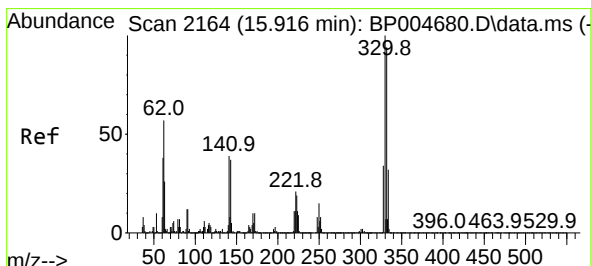
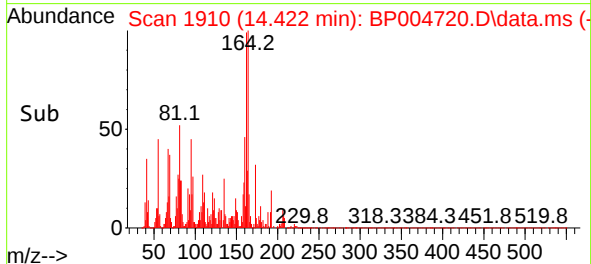
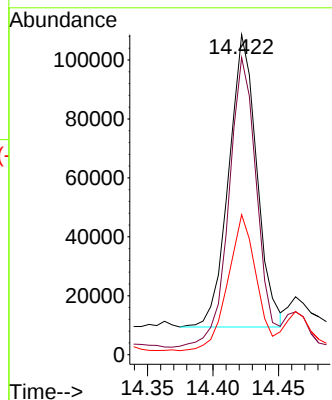
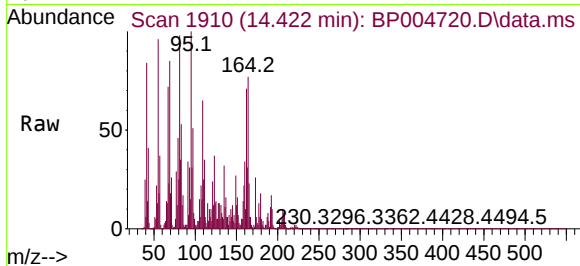




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.422 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

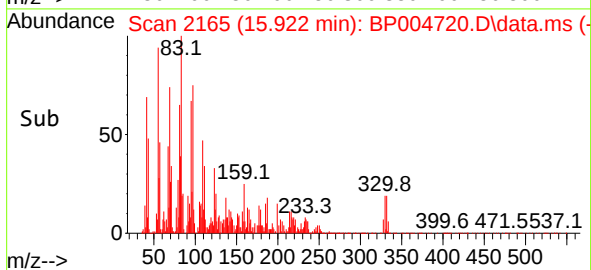
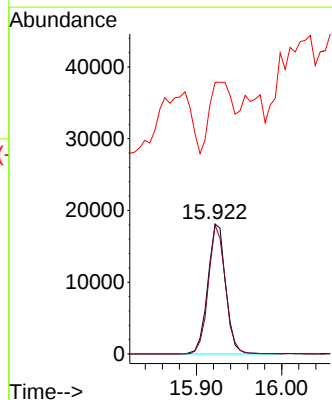
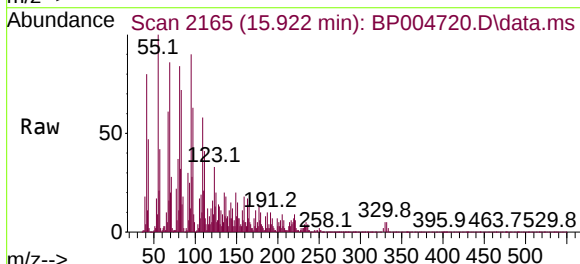
Instrument :
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ClientSampleId :
T398-406501

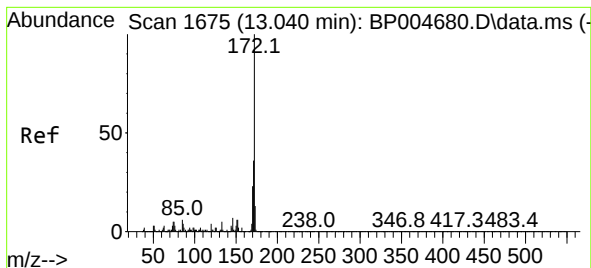
Tgt Ion:164 Resp: 147589
Ion Ratio Lower Upper
164 100
162 92.8 79.4 119.2
160 43.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 13.37 ng
RT: 15.922 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

Tgt Ion:330 Resp: 26222
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 70.2 23.4 35.2#

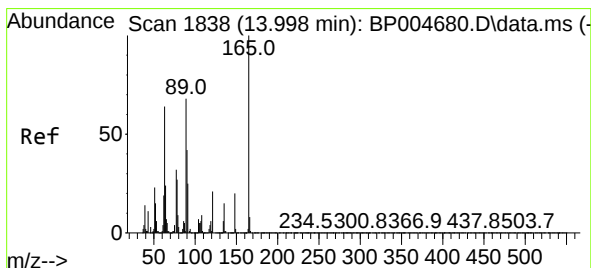
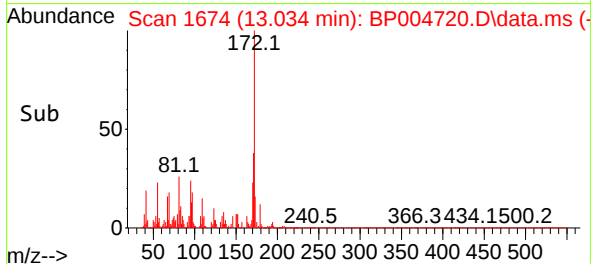
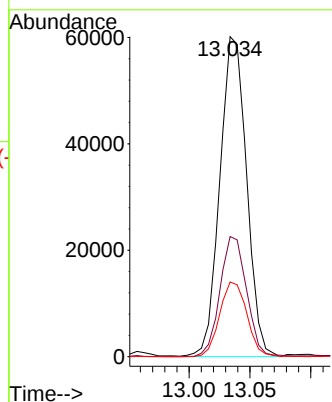
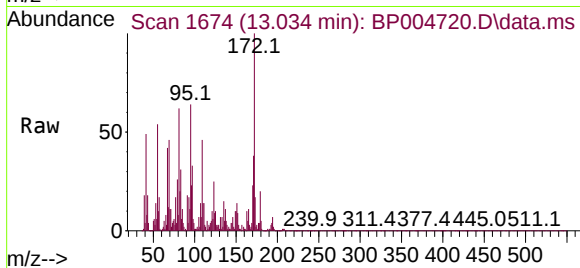




#45
2-Fluorobiphenyl
Concen: 7.62 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

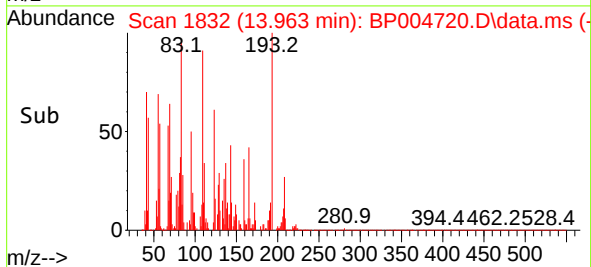
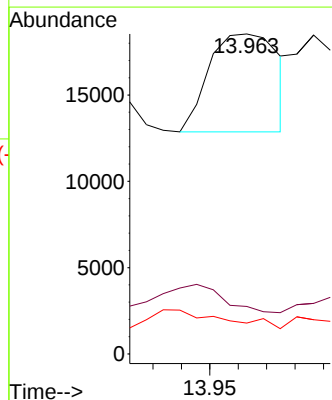
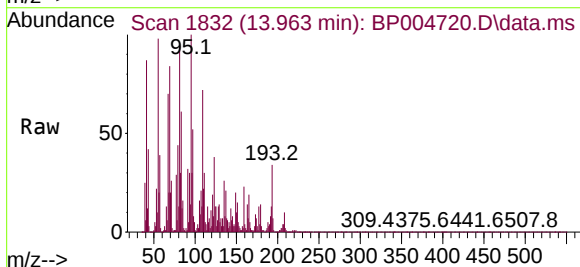
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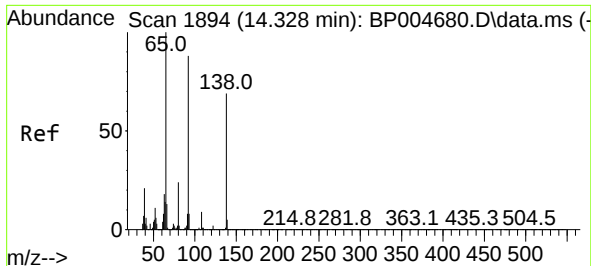
Tgt Ion:172	Resp:	92064
Ion Ratio	Lower	Upper
172	100	
171	37.6	28.5 42.7
170	23.4	19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 3.67 ng
RT: 13.963 min Scan# 1832
Delta R.T. -0.035 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

Tgt Ion:165	Resp:	9592
Ion Ratio	Lower	Upper
165	100	
63	14.8	27.8 41.6#
89	9.7	34.6 52.0#

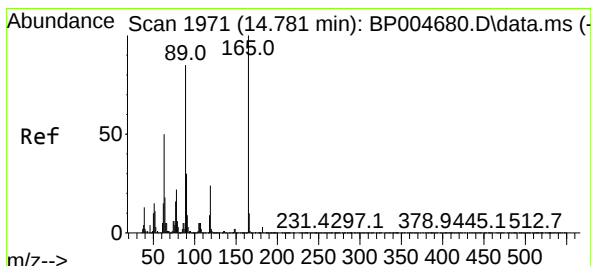
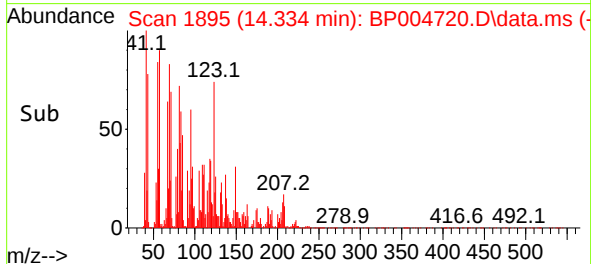
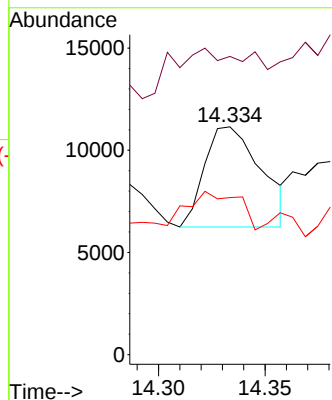
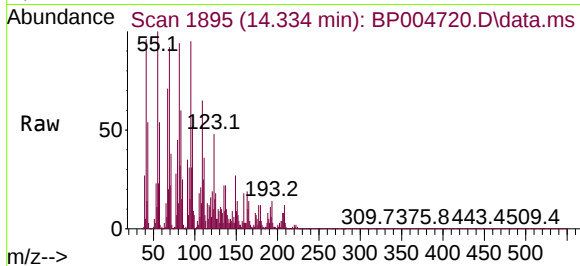




#53
3-Nitroaniline
Concen: 3.32 ng
RT: 14.334 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

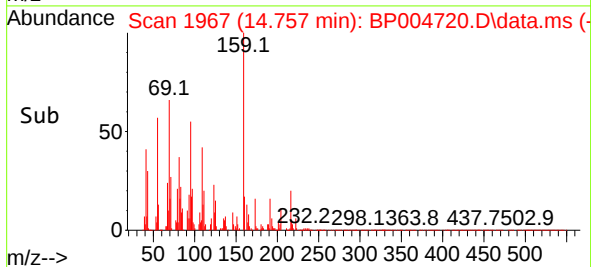
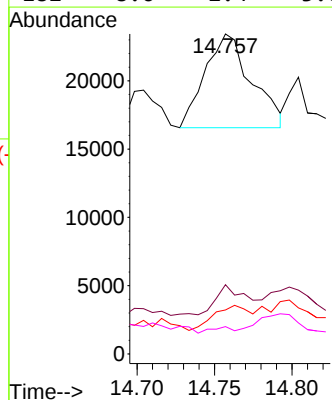
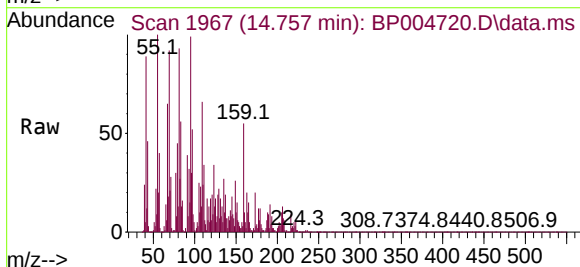
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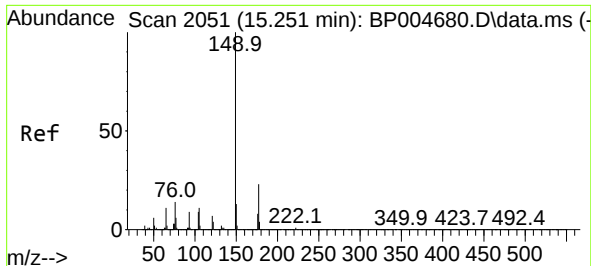
Tgt Ion:138 Resp: 9045
Ion Ratio Lower Upper
138 100
108 130.9 7.5 11.3#
92 69.0 75.0 112.6#



#57
2,4-Dinitrotoluene
Concen: 3.99 ng
RT: 14.757 min Scan# 1967
Delta R.T. -0.024 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

Tgt Ion:165 Resp: 14311
Ion Ratio Lower Upper
165 100
63 21.6 20.6 31.0
89 13.8 42.6 63.8#
182 8.6 2.4 3.6#

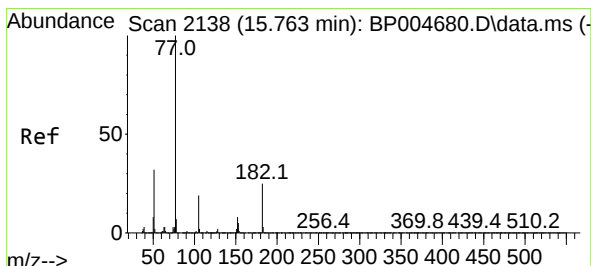
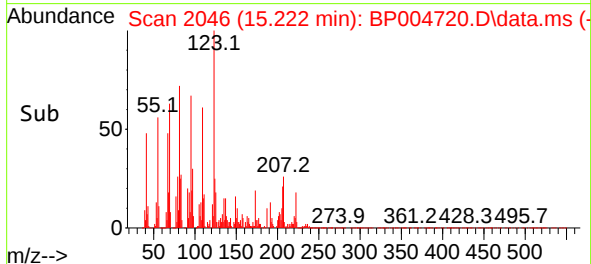
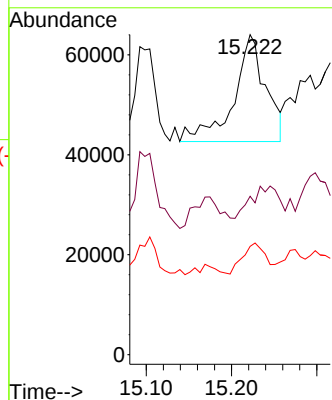
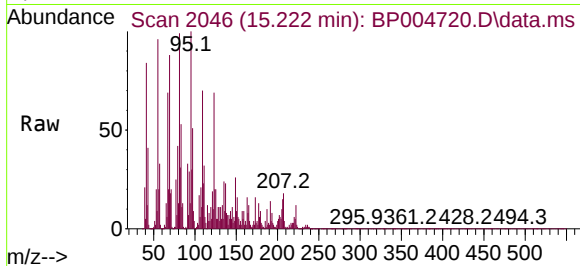




#60
Diethylphthalate
Concen: 4.28 ng
RT: 15.222 min Scan# 2046
Delta R.T. -0.030 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

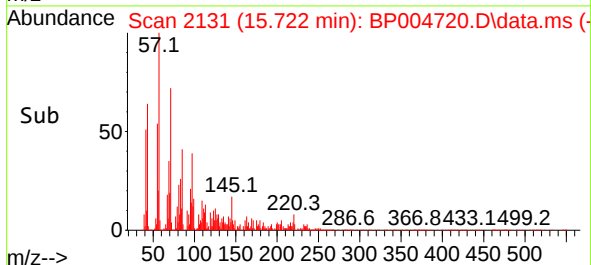
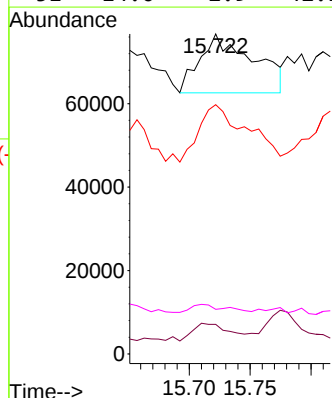
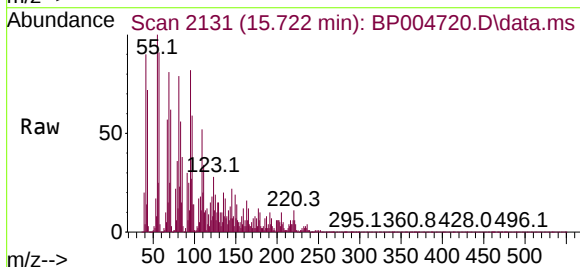
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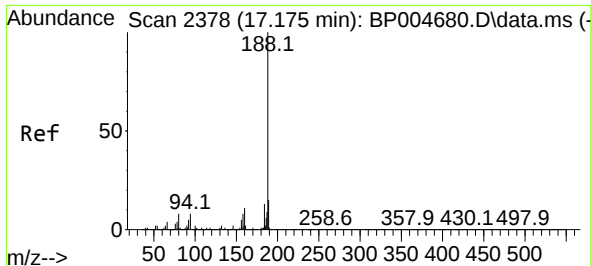
Tgt Ion:149 Resp: 55679
Ion Ratio Lower Upper
149 100
177 49.5 18.0 27.0#
150 33.9 10.0 15.0#



#63
Azobenzene
Concen: 3.50 ng
RT: 15.722 min Scan# 2131
Delta R.T. -0.041 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

Tgt Ion: 77 Resp: 42766
Ion Ratio Lower Upper
77 100
182 9.2 16.9 56.9#
105 77.9 5.6 45.6#
51 14.0 2.9 42.9

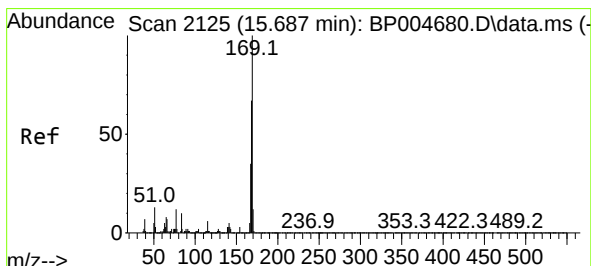
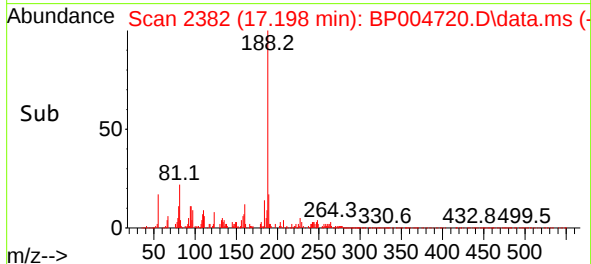
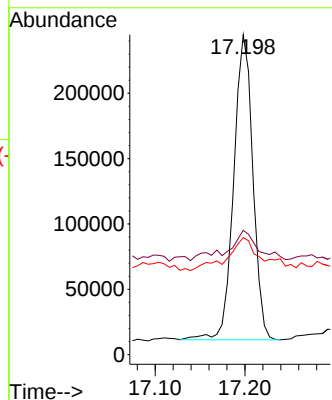
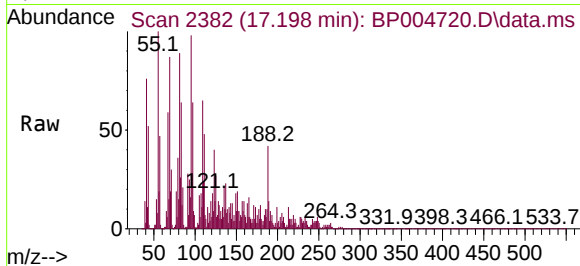




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.198 min Scan# 2382
Delta R.T. 0.023 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

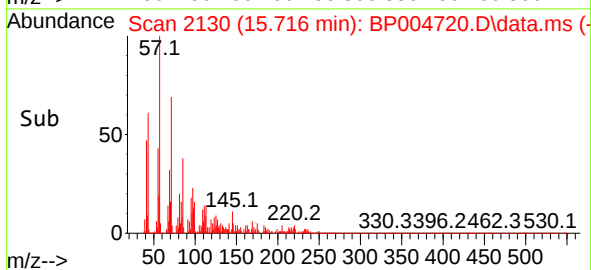
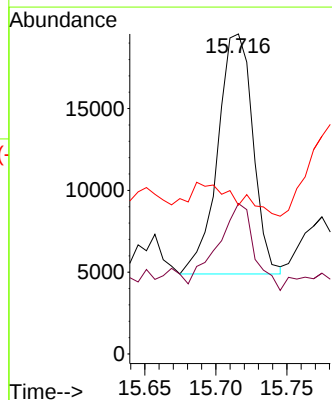
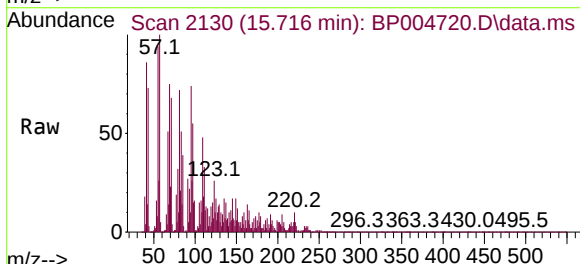
Instrument :
BNA_P
ClientSampleId :
T398-406501

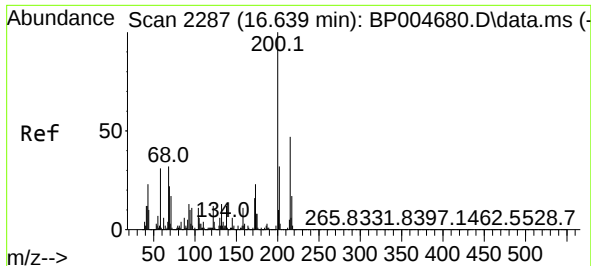
Tgt Ion:188 Resp: 346038
Ion Ratio Lower Upper
188 100
94 38.8 6.2 9.2#
80 36.6 6.2 9.2#



#66
n-Nitrosodiphenylamine
Concen: 2.26 ng
RT: 15.716 min Scan# 2130
Delta R.T. 0.029 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

Tgt Ion:169 Resp: 25378
Ion Ratio Lower Upper
169 100
168 47.0 53.8 80.6#
167 46.5 28.9 43.3#

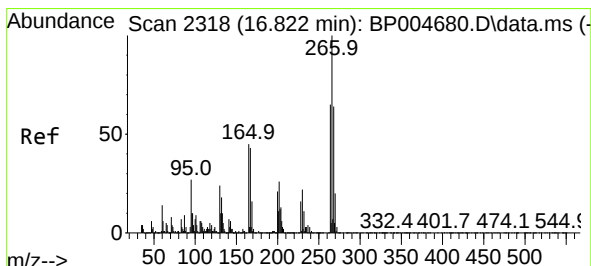
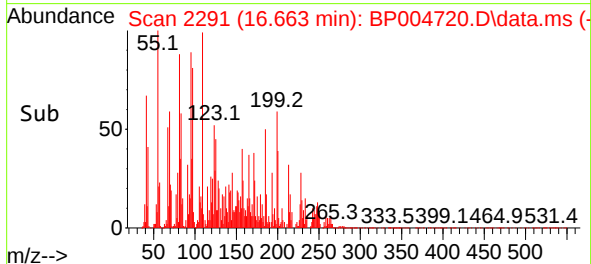
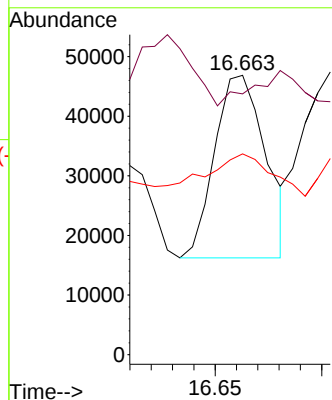
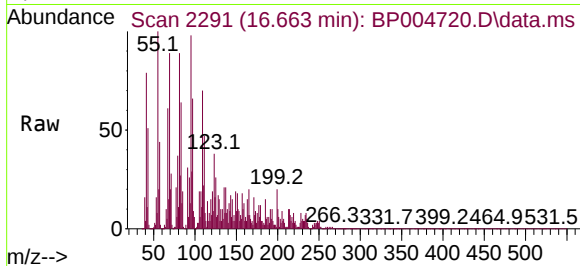




#69
Atrazine
Concen: 13.84 ng
RT: 16.663 min Scan# 2291
Delta R.T. 0.023 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

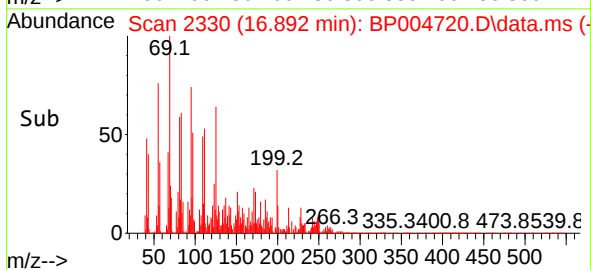
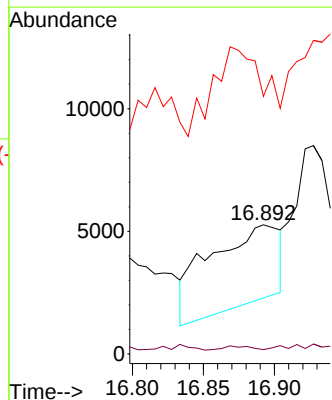
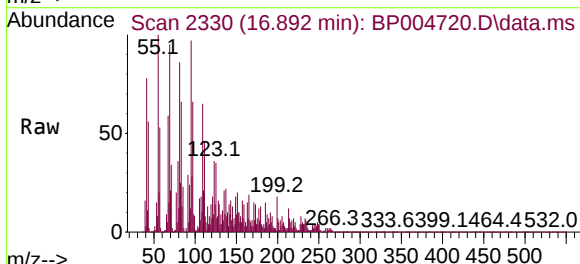
Instrument :
BNA_P
ClientSampleId :
T398-406501

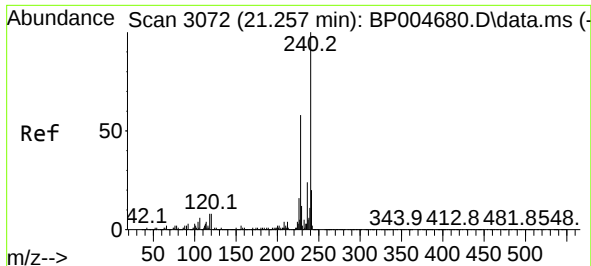
Tgt Ion:200 Resp: 51102
Ion Ratio Lower Upper
200 100
173 93.3 5.9 45.9#
215 71.9 28.4 68.4#



#70
Pentachlorophenol
Concen: 4.11 ng
RT: 16.892 min Scan# 2330
Delta R.T. 0.070 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

Tgt Ion:266 Resp: 11161
Ion Ratio Lower Upper
266 100
268 3.3 51.1 76.7#
264 199.5 50.6 76.0#

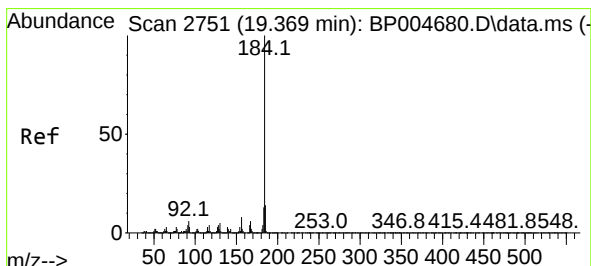
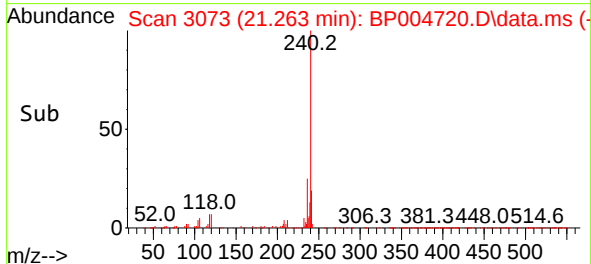
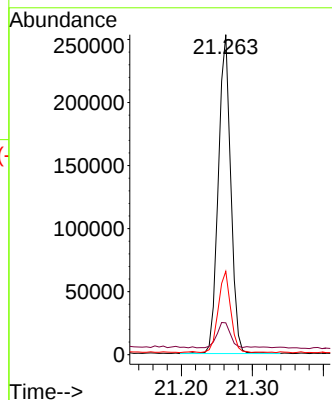
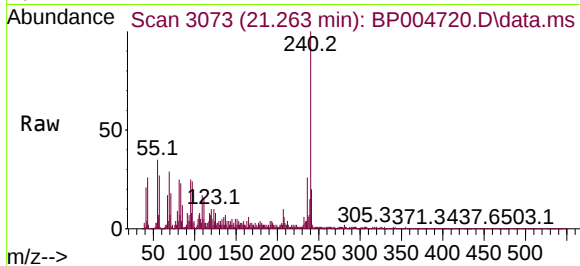




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.263 min Scan# 3073
Delta R.T. 0.006 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

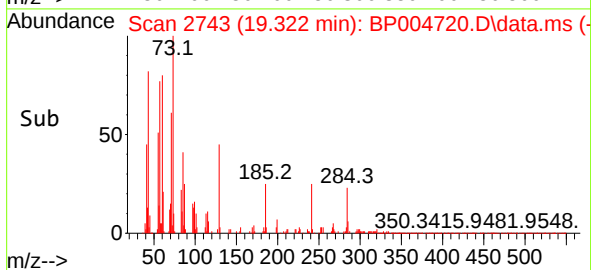
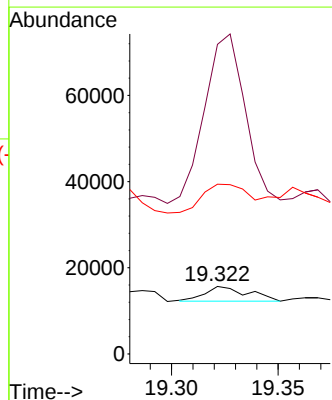
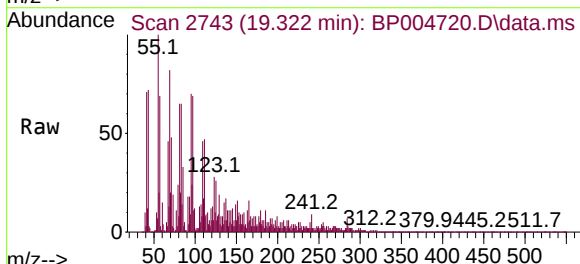
Instrument :
BNA_P
ClientSampleId :
T398-406501

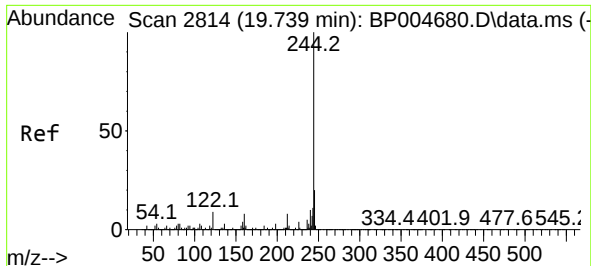
Tgt Ion:240 Resp: 305804
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.91 ng
RT: 19.322 min Scan# 2743
Delta R.T. -0.047 min
Lab File: BP004720.D
Acq: 11 Feb 2021 17:24

Tgt Ion:184 Resp: 4761
Ion Ratio Lower Upper
184 100
185 458.4 11.5 17.3#
183 251.4 9.6 14.4#

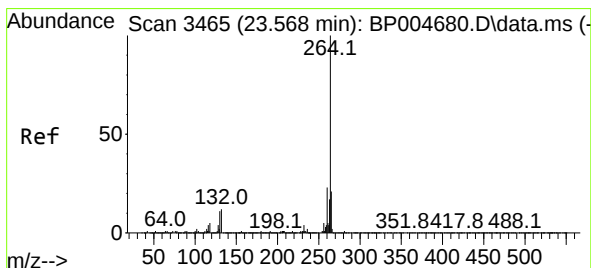
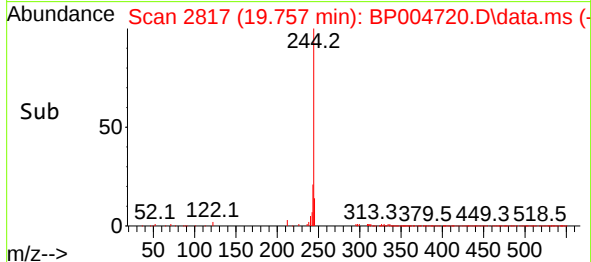
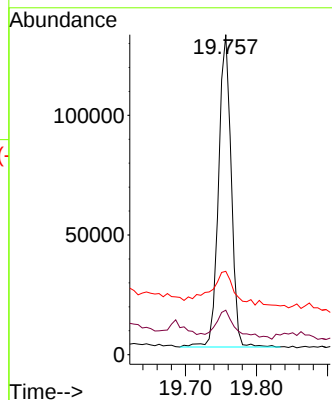
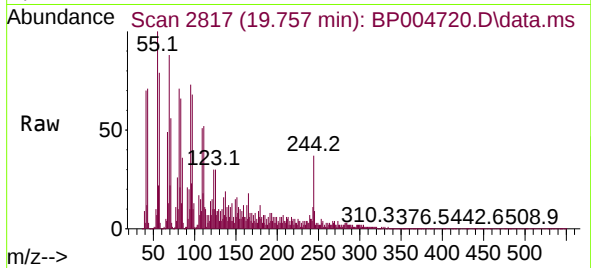




#79
 Terphenyl-d14
 Concen: 8.83 ng
 RT: 19.757 min Scan# 2817
 Delta R.T. 0.018 min
 Lab File: BP004720.D
 Acq: 11 Feb 2021 17:24

Instrument :
 BNA_P
 ClientSampleId :
 T398-406501

Tgt Ion:244 Resp: 160748
 Ion Ratio Lower Upper
 244 100
 212 13.9 5.8 8.6#
 122 26.1 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.562 min Scan# 3464
 Delta R.T. -0.006 min
 Lab File: BP004720.D
 Acq: 11 Feb 2021 17:24

Tgt Ion:264 Resp: 303487
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.0 17.4 26.2

