

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004715.D
 Acq On : 11 Feb 2021 14:35
 Operator : CG/JU
 Sample : M1355-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T612-158804

Quant Time: Feb 11 15:11:42 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)

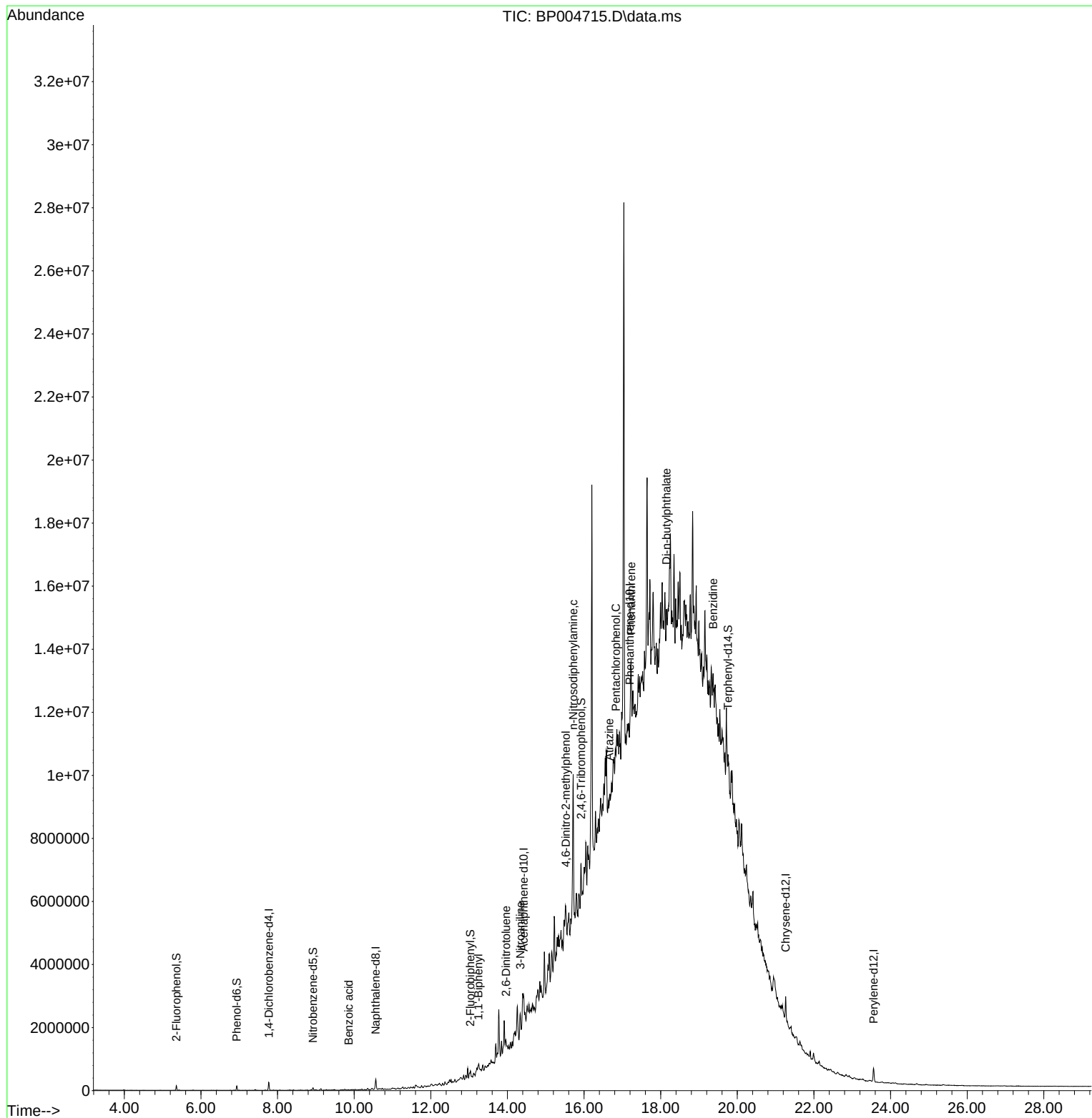
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	64214	20.00	ng	# 0.00
21) Naphthalene-d8	10.563	136	240274	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	155506	20.00	ng	0.00
64) Phenanthrene-d10	17.192	188	341831	20.00	ng	# 0.02
76) Chrysene-d12	21.263	240	311669	20.00	ng	0.00
86) Perylene-d12	23.557	264	310663	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	58715	14.12	ng	0.00
7) Phenol-d6	6.934	99	70300	12.29	ng	0.00
23) Nitrobenzene-d5	8.922	82	45318	8.22	ng	-0.01
42) 2,4,6-Tribromophenol	15.922	330	26637	12.89	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	98194	7.72	ng	0.00
79) Terphenyl-d14	19.757	244	165360	8.91	ng	0.02
Target Compounds						
						Qvalue
32) Benzoic acid	9.858	122	62	6.87	ng	# 1
46) 1,1'-Biphenyl	13.246	154	34658	2.66	ng	93
51) 2,6-Dinitrotoluene	13.963	165	19387	7.03	ng	# 56
53) 3-Nitroaniline	14.334	138	12145	4.24	ng	# 71
65) 4,6-Dinitro-2-methylph...	15.528	198	5149	2.47	ng	# 1
66) n-Nitrosodiphenylamine	15.716	169	103860	9.34	ng	# 57
69) Atrazine	16.657	200	15603	4.28	ng	# 1
70) Pentachlorophenol	16.834	266	5916	2.20	ng	# 1
71) Phenanthrene	17.234	178	68488	3.27	ng	# 1
74) Di-n-butylphthalate	18.151	149	49354	2.18	ng	# 4
77) Benzidine	19.369	184	6072	3.10	ng	# 1

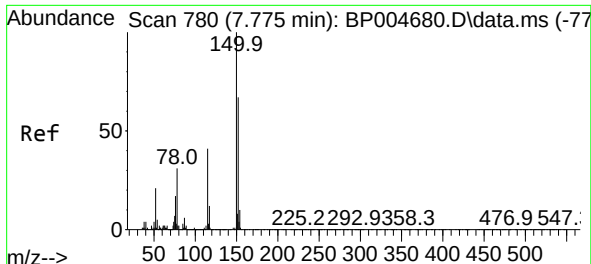
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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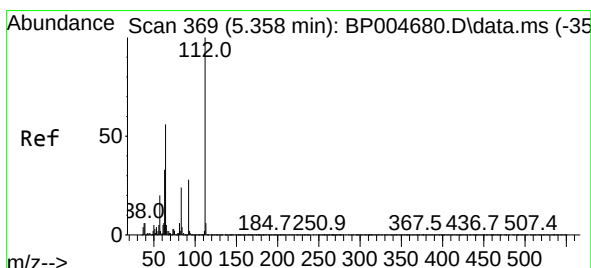
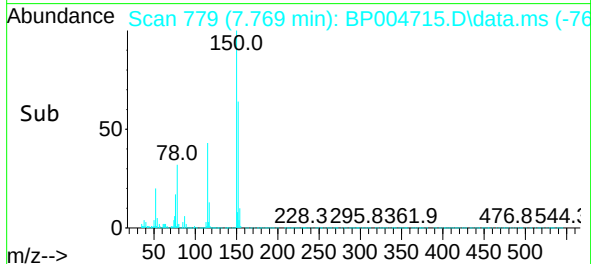
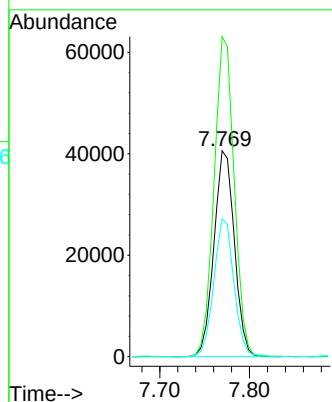
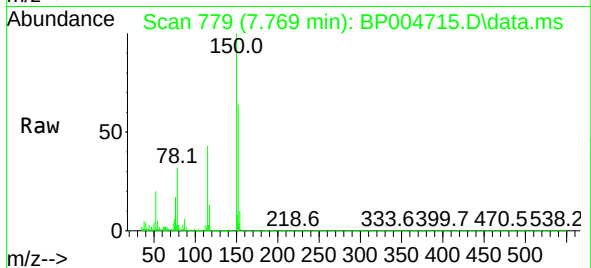




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

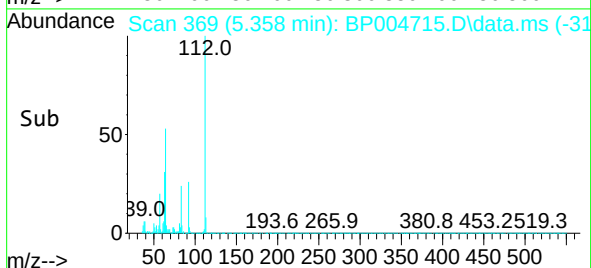
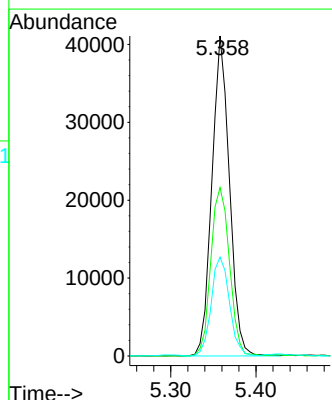
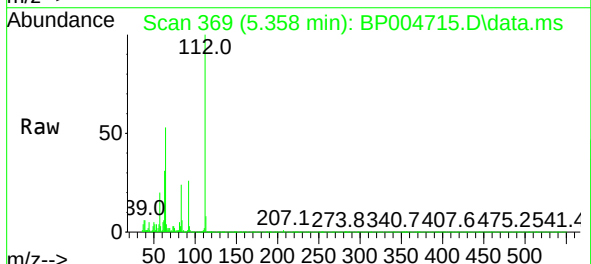
Instrument :
BNA_P
ClientSampleId :
T612-158804

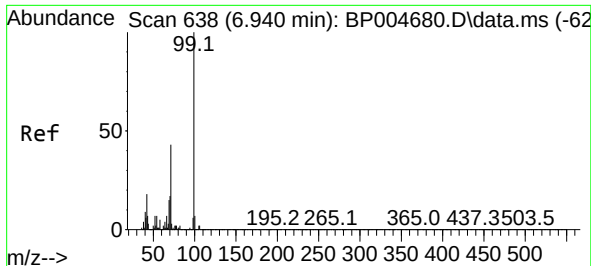
Tgt Ion:152 Resp: 64214
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 67.0 43.8 65.6#



#5
2-Fluorophenol
Concen: 14.12 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

Tgt Ion:112 Resp: 58715
Ion Ratio Lower Upper
112 100
64 52.6 32.8 49.2#
63 30.9 17.0 25.4#

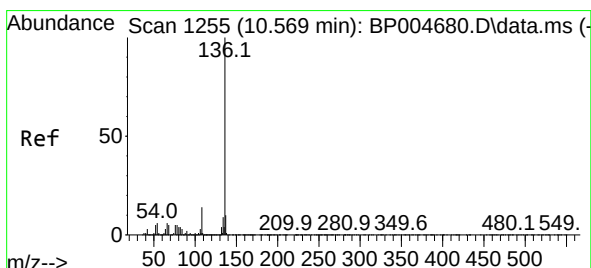
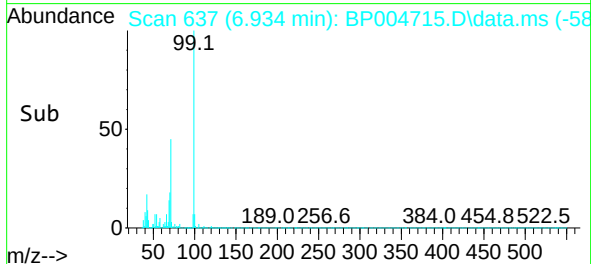
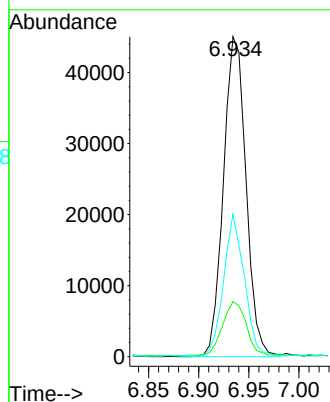
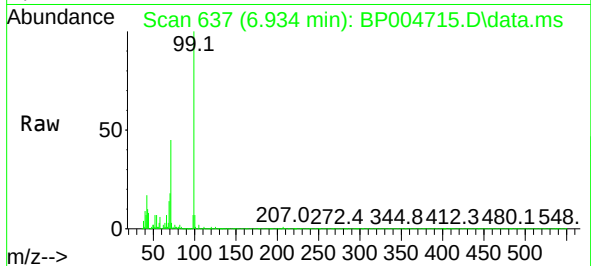




#7
Phenol-d6
Concen: 12.29 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

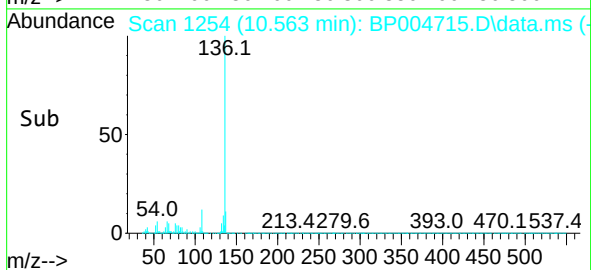
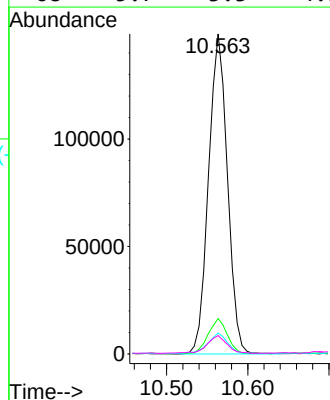
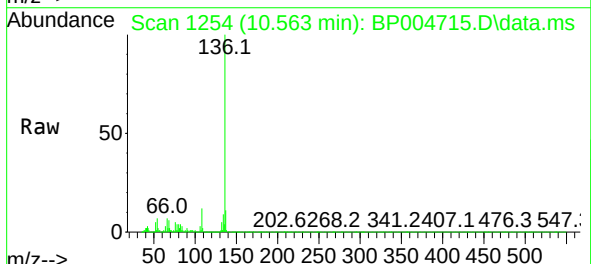
Instrument :
BNA_P
ClientSampleId :
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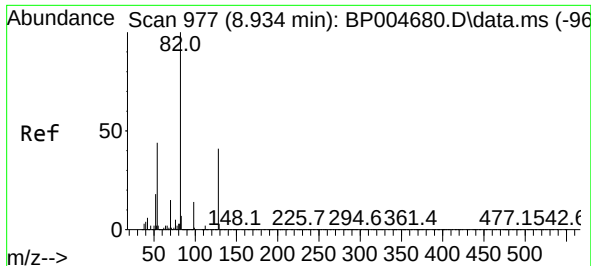
Tgt Ion: 99 Resp: 70300
Ion Ratio Lower Upper
99 100
42 17.2 8.6 13.0#
71 44.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

Tgt Ion: 136 Resp: 240274
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.6 3.6 5.4#
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 8.22 ng

RT: 8.922 min Scan# 975

Delta R.T. -0.012 min

Lab File: BP004715.D

Acq: 11 Feb 2021 14:35

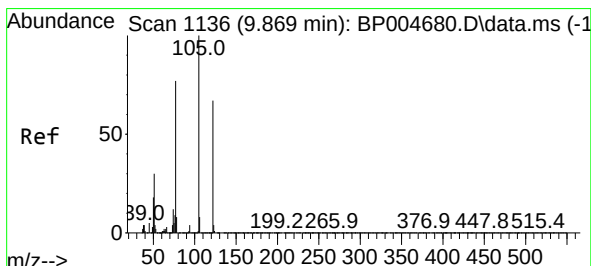
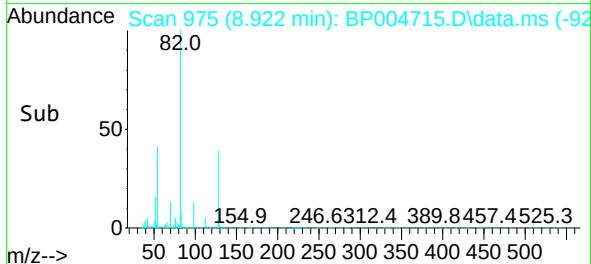
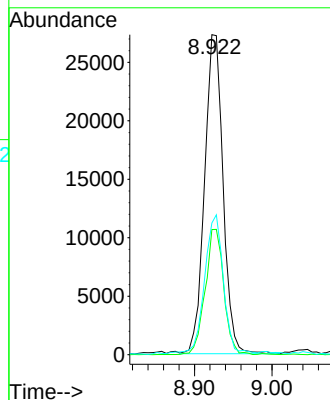
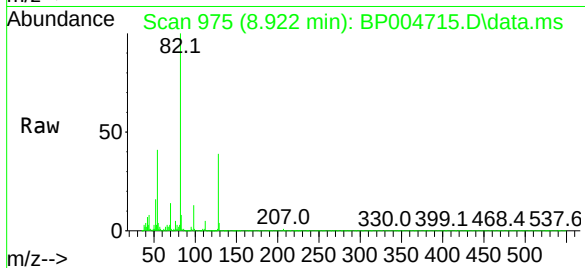
Instrument :

BNA_P

ClientSampleId :

T612-158804

Tgt Ion:	82	Resp:	45318
Ion Ratio	Lower	Upper	
82	100		
128	39.1	45.6	68.4#
54	41.1	30.1	45.1



#32

Benzoic acid

Concen: 6.87 ng

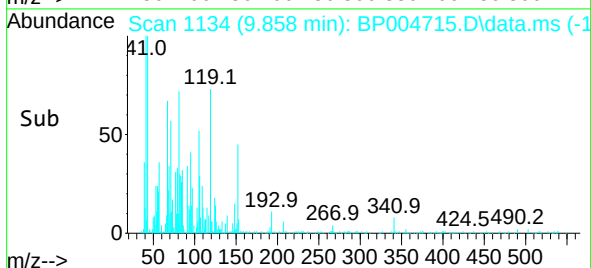
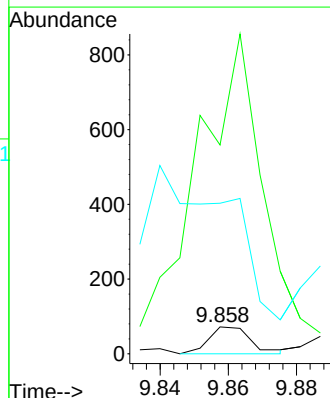
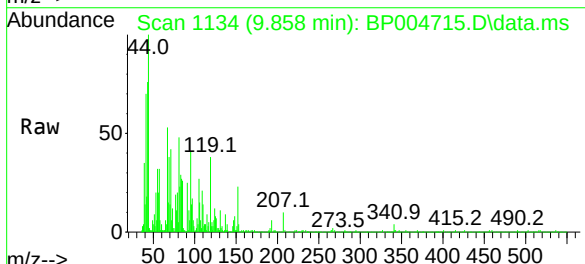
RT: 9.858 min Scan# 1134

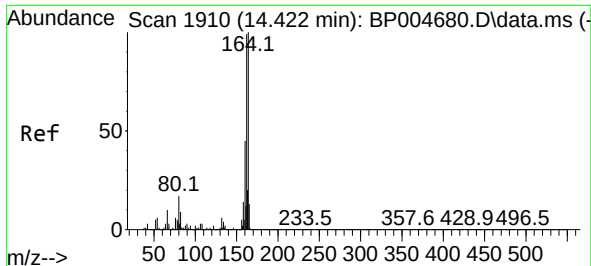
Delta R.T. -0.011 min

Lab File: BP004715.D

Acq: 11 Feb 2021 14:35

Tgt Ion:	122	Resp:	62
Ion Ratio	Lower	Upper	
122	100		
105	776.4	94.1	134.1#
77	559.7	50.1	90.1#

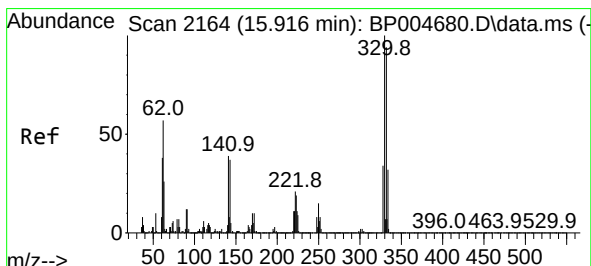
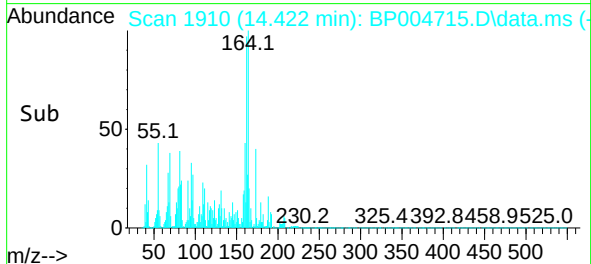
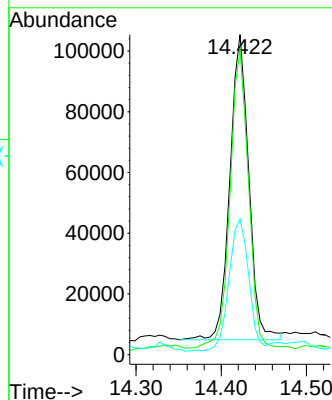
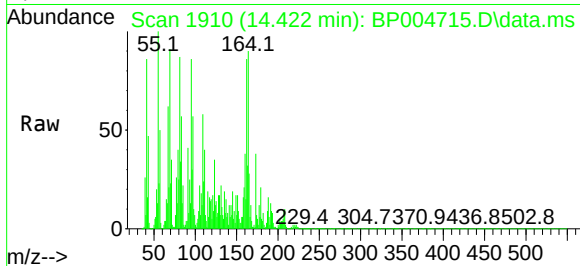




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.422 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

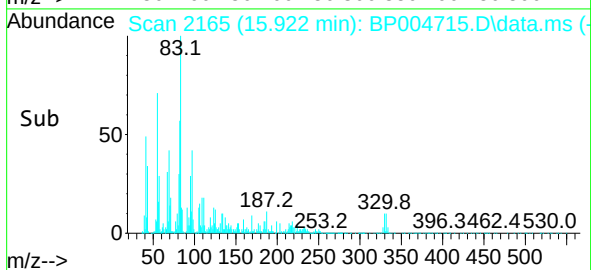
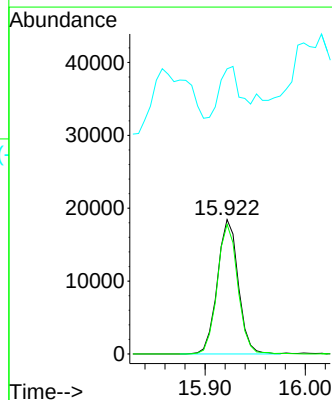
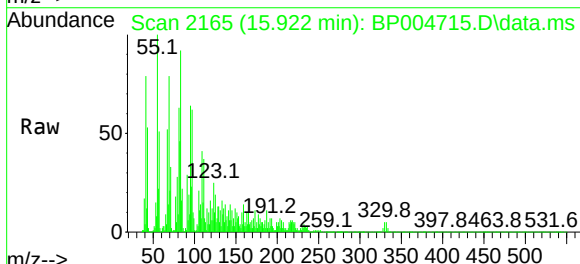
Instrument :
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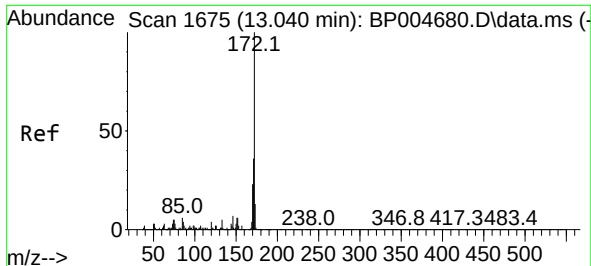
Tgt Ion:164 Resp: 155506
Ion Ratio Lower Upper
164 100
162 95.3 79.4 119.2
160 42.3 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 12.89 ng
RT: 15.922 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

Tgt Ion:330 Resp: 26637
Ion Ratio Lower Upper
330 100
332 94.9 77.1 115.7
141 37.7 23.4 35.2#

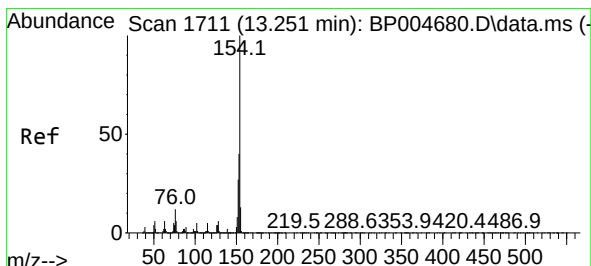
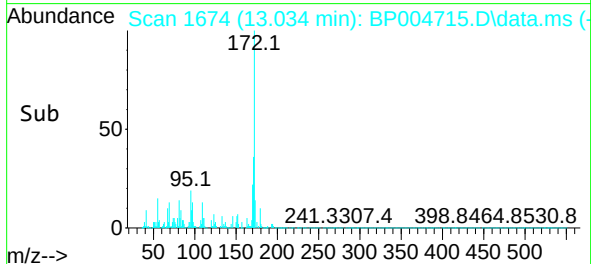
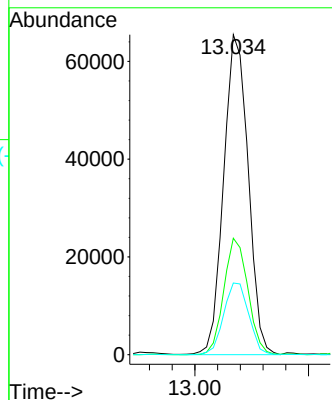
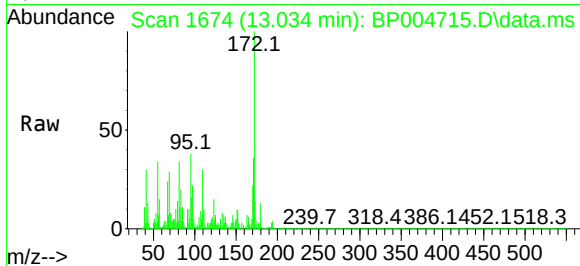




#45
2-Fluorobiphenyl
Concen: 7.72 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

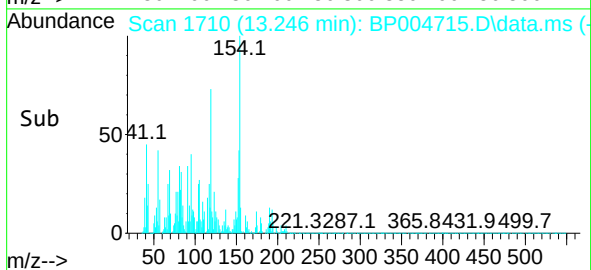
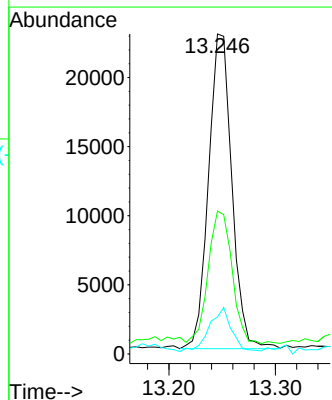
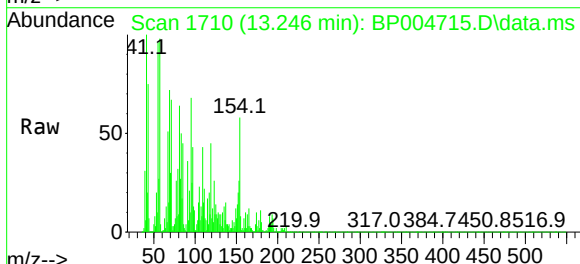
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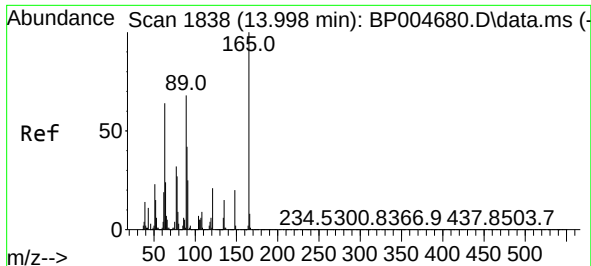
Tgt Ion:	172	Resp:	98194
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.5	42.7
170	22.4	19.2	28.8



#46
1,1'-Biphenyl
Concen: 2.66 ng
RT: 13.246 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

Tgt Ion:	154	Resp:	34658
Ion Ratio	Lower	Upper	
154	100		
153	44.7	20.4	60.4
76	11.6	0.0	29.3

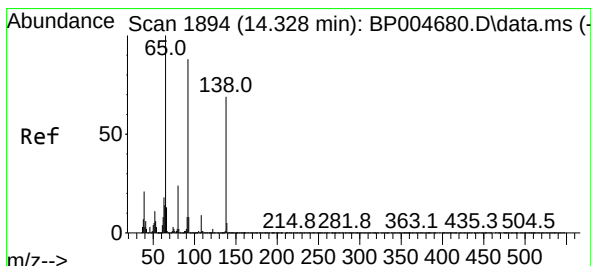
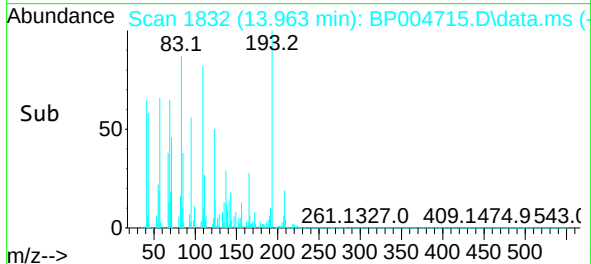
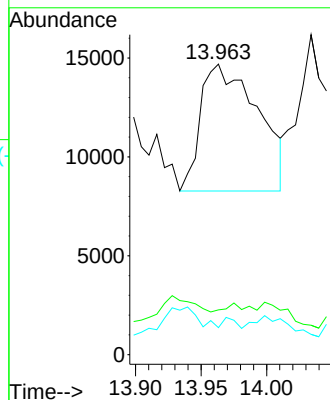
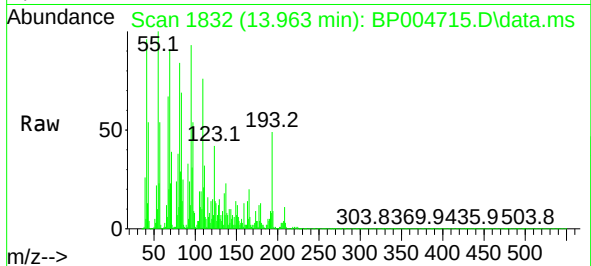




#51
2,6-Dinitrotoluene
Concen: 7.03 ng
RT: 13.963 min Scan# 1832
Delta R.T. -0.035 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

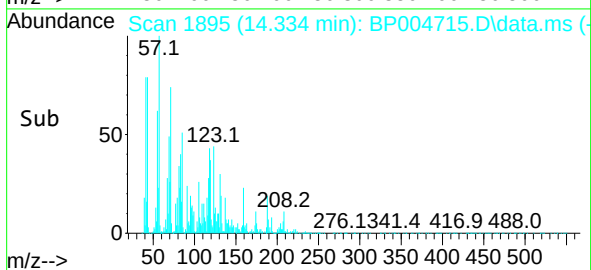
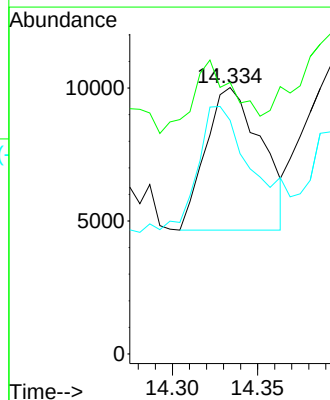
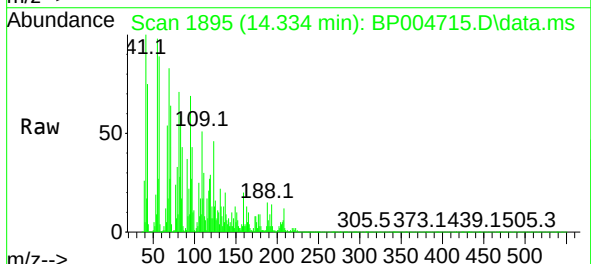
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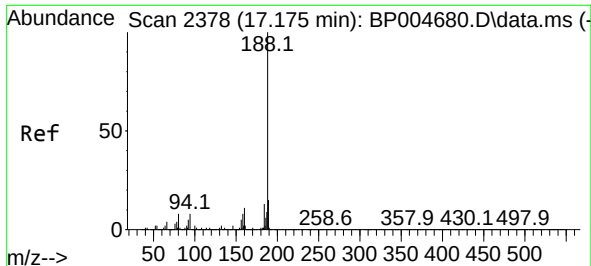
Tgt Ion:165 Resp: 19387
Ion Ratio Lower Upper
165 100
63 15.4 27.8 41.6#
89 9.3 34.6 52.0#



#53
3-Nitroaniline
Concen: 4.24 ng
RT: 14.334 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

Tgt Ion:138 Resp: 12145
Ion Ratio Lower Upper
138 100
108 101.9 7.5 11.3#
92 87.7 75.0 112.6

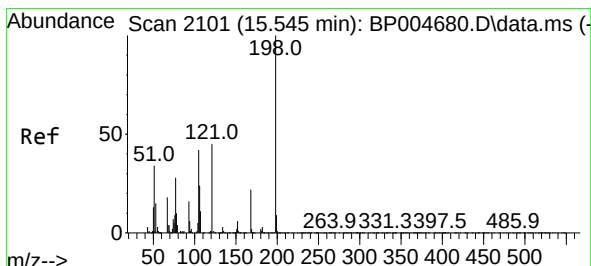
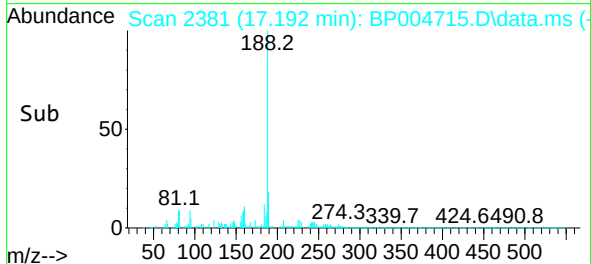
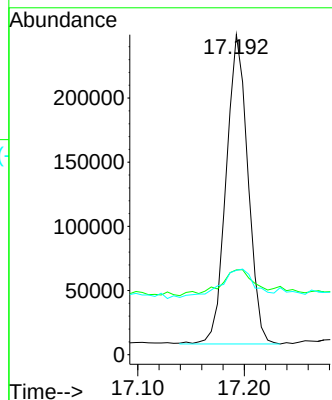
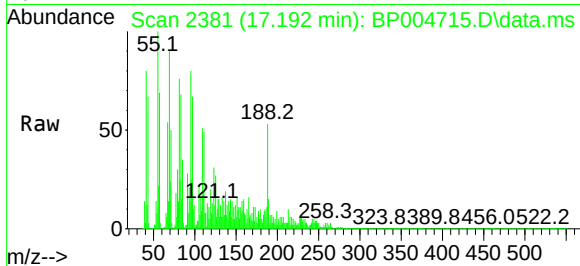




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.192 min Scan# 2381
Delta R.T. 0.018 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

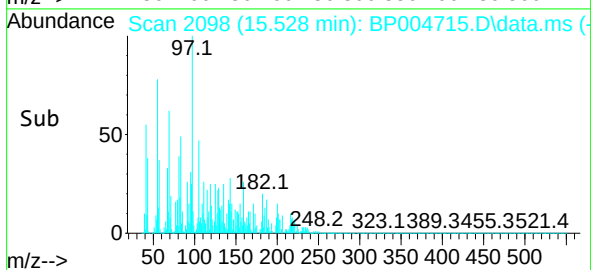
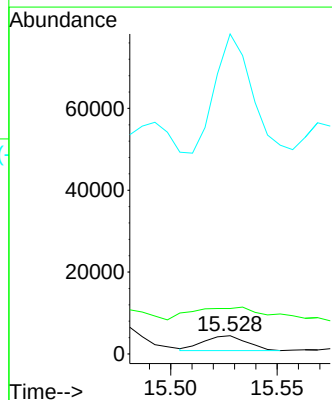
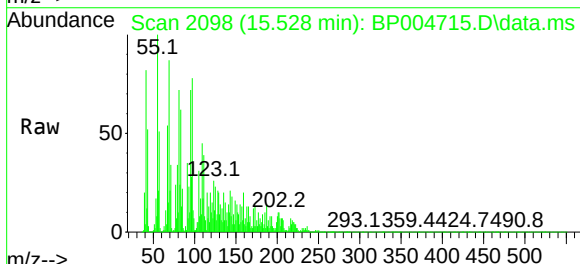
Instrument :
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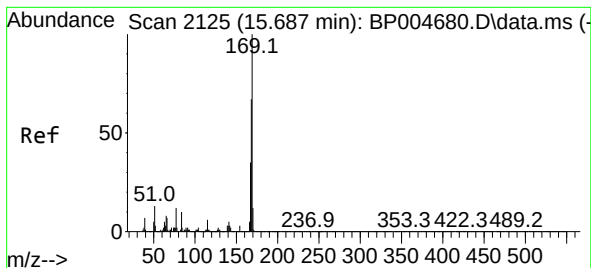
Tgt Ion:188 Resp: 341831
Ion Ratio Lower Upper
188 100
94 26.5 6.2 9.2#
80 26.3 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.47 ng
RT: 15.528 min Scan# 2098
Delta R.T. -0.017 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

Tgt Ion:198 Resp: 5149
Ion Ratio Lower Upper
198 100
51 249.2 6.4 46.4#
105 1756.5 18.9 58.9#

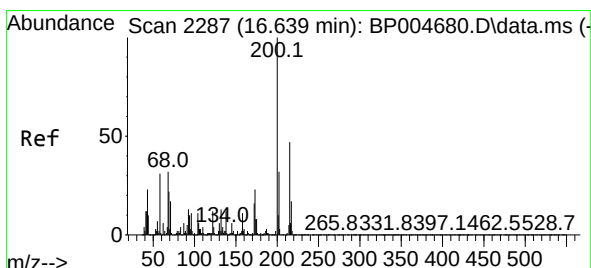
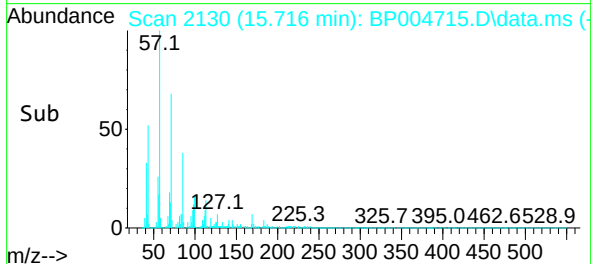
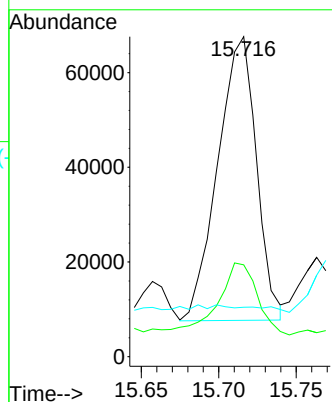
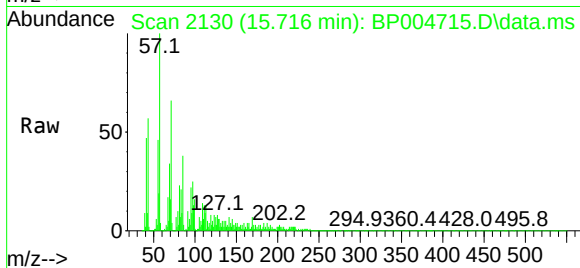




#66
n-Nitrosodiphenylamine
Concen: 9.34 ng
RT: 15.716 min Scan# 2130
Delta R.T. 0.030 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

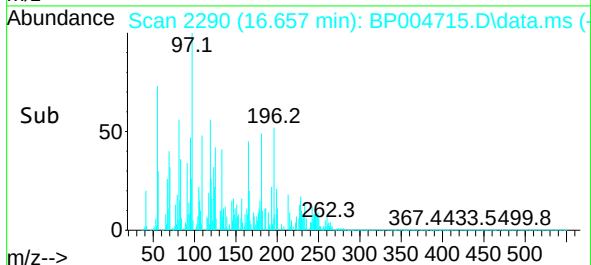
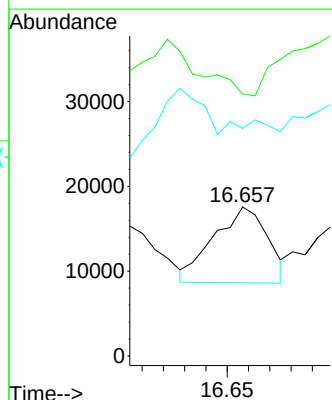
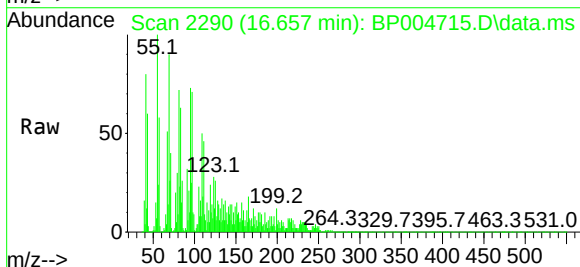
Instrument :
BNA_P
ClientSampleId :
T612-158804

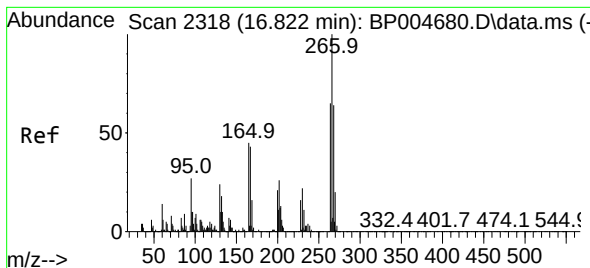
Tgt Ion:169 Resp: 103860
Ion Ratio Lower Upper
169 100
168 28.7 53.8 80.6#
167 15.5 28.9 43.3#



#69
Atrazine
Concen: 4.28 ng
RT: 16.657 min Scan# 2290
Delta R.T. 0.018 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

Tgt Ion:200 Resp: 15603
Ion Ratio Lower Upper
200 100
173 175.9 5.9 45.9#
215 152.8 28.4 68.4#





#70

Pentachlorophenol

Concen: 2.20 ng

RT: 16.834 min Scan# 2320

Delta R.T. 0.012 min

Lab File: BP004715.D

Acq: 11 Feb 2021 14:35

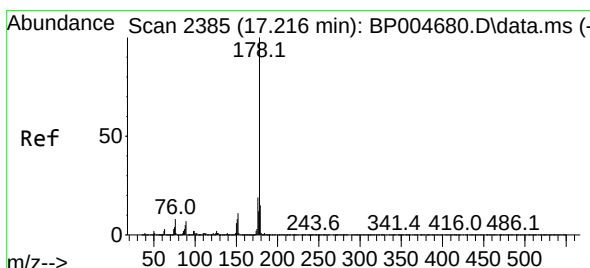
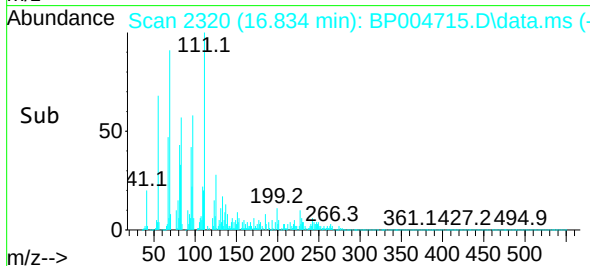
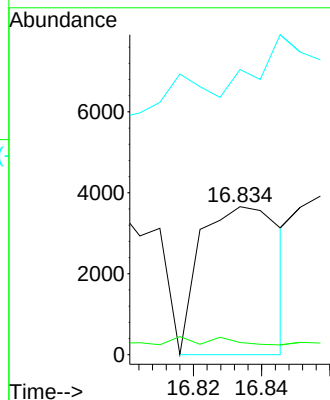
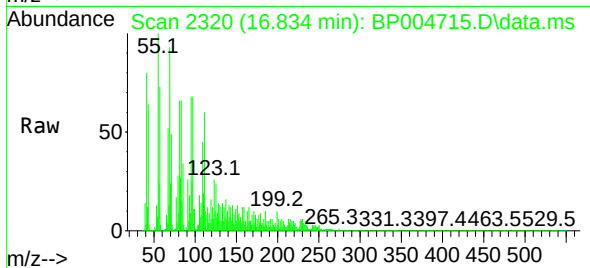
Instrument :

BNA_P

ClientSampleId :

T612-158804

Tgt Ion:	266	Resp:	5916
Ion Ratio	Lower	Upper	
266	100		
268	8.2	51.1	76.7#
264	192.6	50.6	76.0#



#71

Phenanthrene

Concen: 3.27 ng

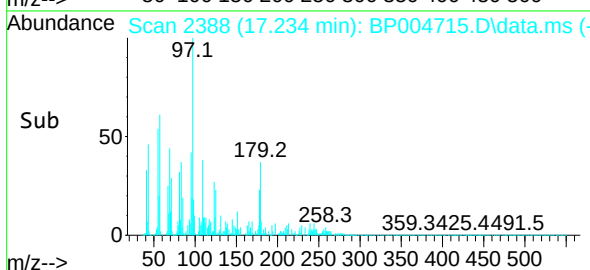
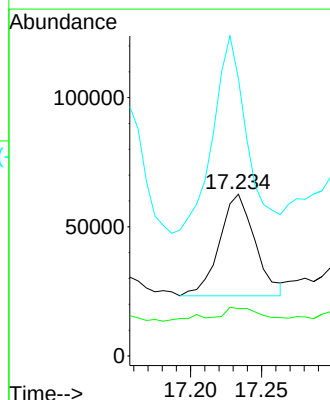
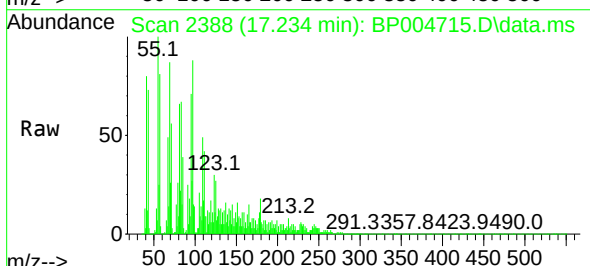
RT: 17.234 min Scan# 2388

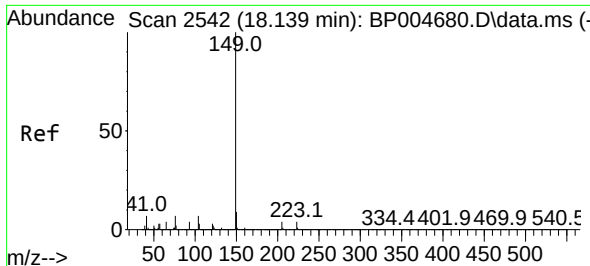
Delta R.T. 0.018 min

Lab File: BP004715.D

Acq: 11 Feb 2021 14:35

Tgt Ion:	178	Resp:	68488
Ion Ratio	Lower	Upper	
178	100		
176	29.3	15.3	22.9#
179	171.6	12.5	18.7#

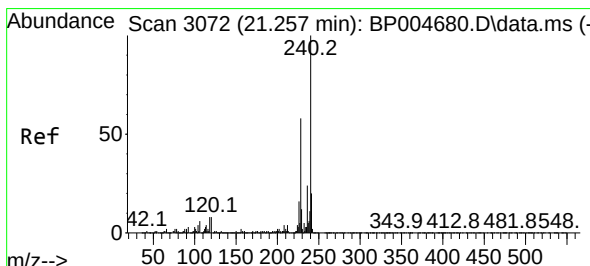
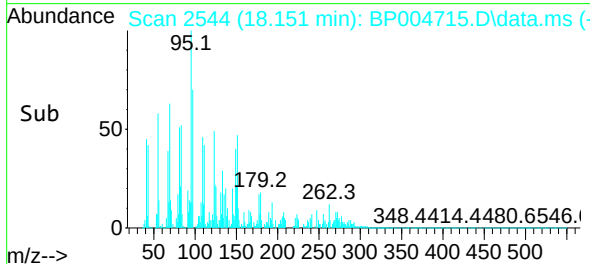
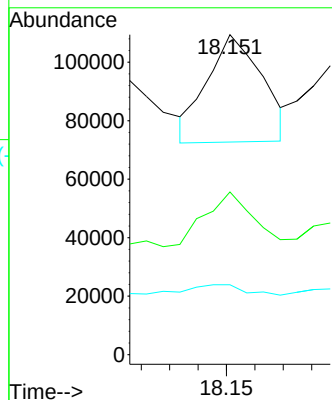
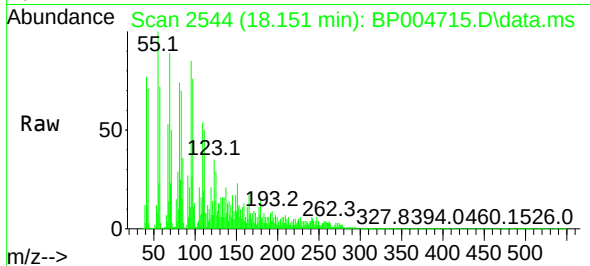




#74
Di-n-butylphthalate
Concen: 2.18 ng
RT: 18.151 min Scan# 2544
Delta R.T. 0.012 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

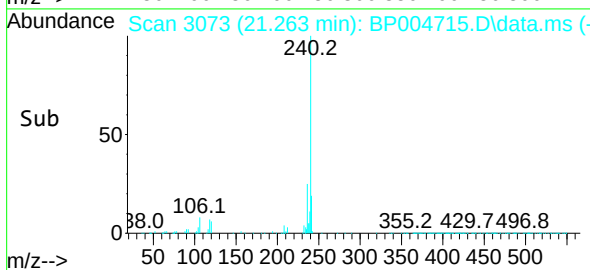
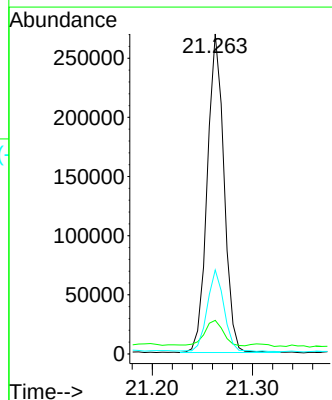
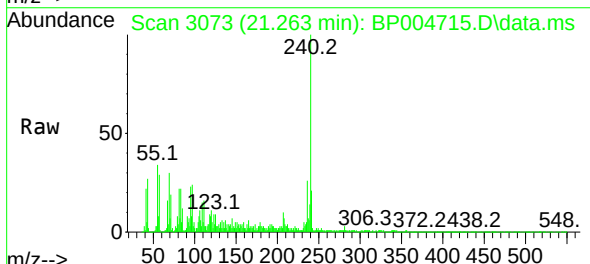
Instrument :
BNA_P
ClientSampleId :
T612-158804

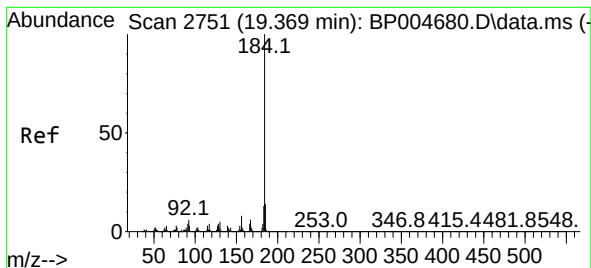
Tgt Ion:149 Resp: 49354
Ion Ratio Lower Upper
149 100
150 50.8 7.3 10.9#
104 21.8 3.4 5.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.263 min Scan# 3073
Delta R.T. 0.006 min
Lab File: BP004715.D
Acq: 11 Feb 2021 14:35

Tgt Ion:240 Resp: 311669
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 26.2 20.8 31.2





#77

Benzidine

Concen: 3.10 ng

RT: 19.369 min Scan# 2751

Delta R.T. -0.000 min

Lab File: BP004715.D

Acq: 11 Feb 2021 14:35

Instrument :

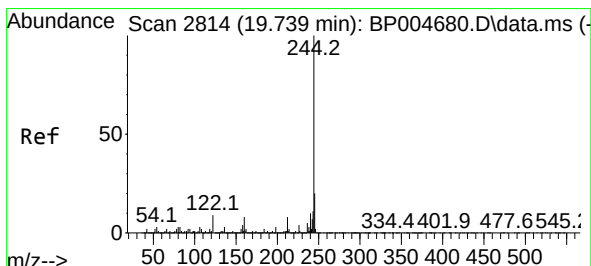
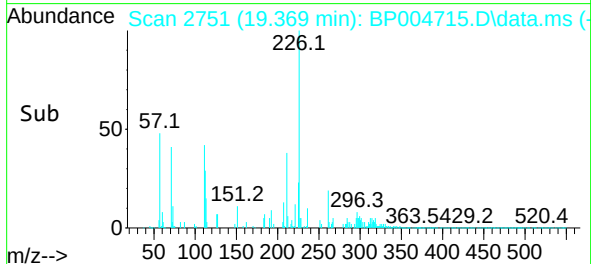
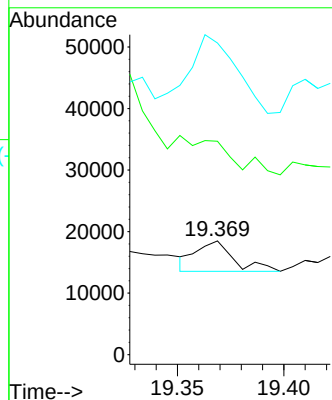
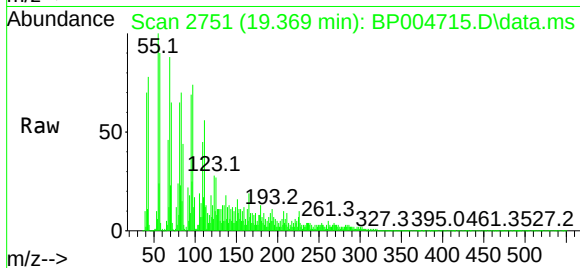
BNA_P

ClientSampleId :

T612-158804

Tgt Ion:184 Resp: 6072

Ion	Ratio	Lower	Upper
184	100		
185	187.7	11.5	17.3#
183	274.1	9.6	14.4#



#79

Terphenyl-d14

Concen: 8.91 ng

RT: 19.757 min Scan# 2817

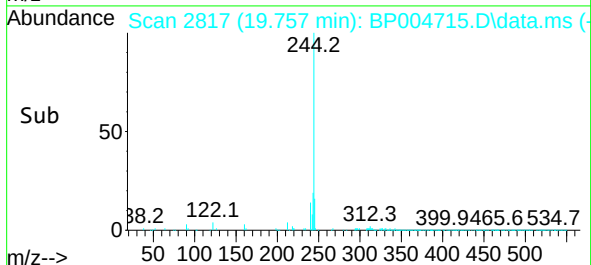
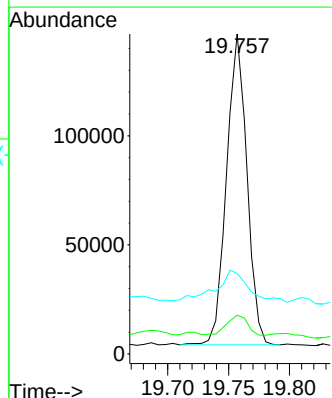
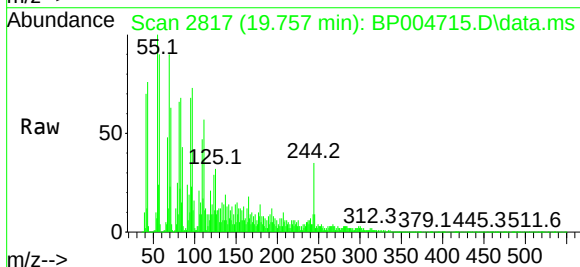
Delta R.T. 0.018 min

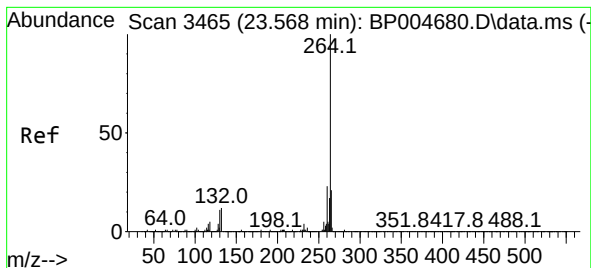
Lab File: BP004715.D

Acq: 11 Feb 2021 14:35

Tgt Ion:244 Resp: 165360

Ion	Ratio	Lower	Upper
244	100		
212	12.1	5.8	8.6#
122	25.2	7.8	11.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.557 min Scan# 3463
 Delta R.T. -0.012 min
 Lab File: BP004715.D
 Acq: 11 Feb 2021 14:35

Instrument :
 BNA_P
 ClientSampleId :
 T612-158804

Tgt Ion:264 Resp: 310663
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.8 28.2
 265 21.7 17.4 26.2

