

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021221\
 Data File : BP004735.D
 Acq On : 12 Feb 2021 18:05
 Operator : CG/JU
 Sample : M1394-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-BPM-03-019-ABCD

Quant Time: Feb 12 22:45:08 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)

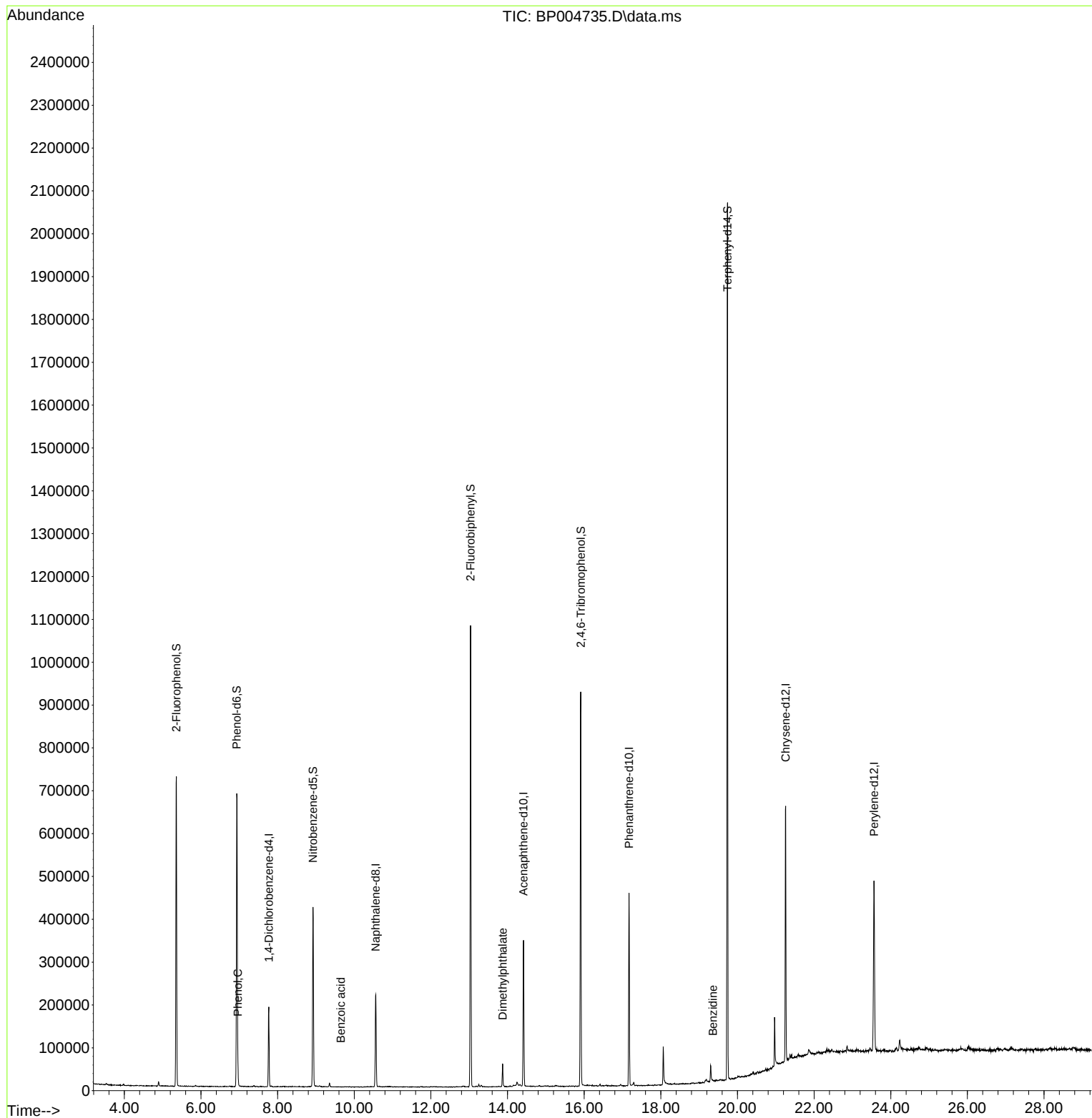
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	44394	20.00	ng	# 0.00
21) Naphthalene-d8	10.557	136	169614	20.00	ng	#-0.01
39) Acenaphthene-d10	14.416	164	107153	20.00	ng	0.00
64) Phenanthrene-d10	17.169	188	247531	20.00	ng	# 0.00
76) Chrysene-d12	21.257	240	275763	20.00	ng	0.00
86) Perylene-d12	23.563	264	279844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	285794	99.40	ng	0.00
7) Phenol-d6	6.934	99	361913	91.53	ng	0.00
23) Nitrobenzene-d5	8.922	82	232373	59.69	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	146302	102.77	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	508328	57.98	ng	0.00
79) Terphenyl-d14	19.739	244	840430	51.19	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.964	94	20858	5.45	ng	73
32) Benzoic acid	9.646	122	21	6.86	ng	95
50) Dimethylphthalate	13.875	163	31136	3.30	ng	# 96
77) Benzidine	19.363	184	53	2.15	ng	# 1

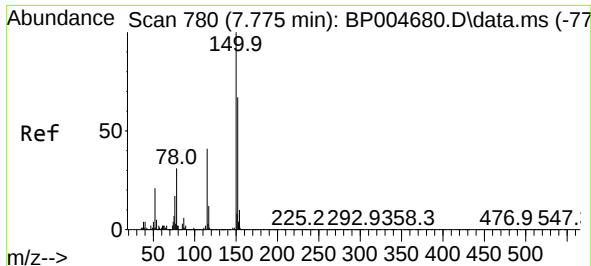
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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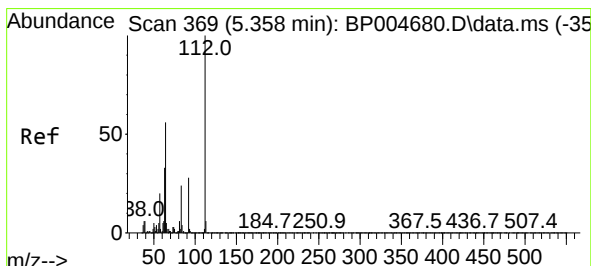
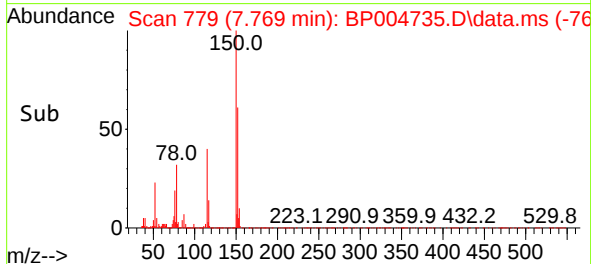
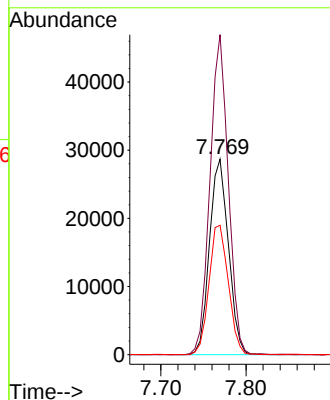
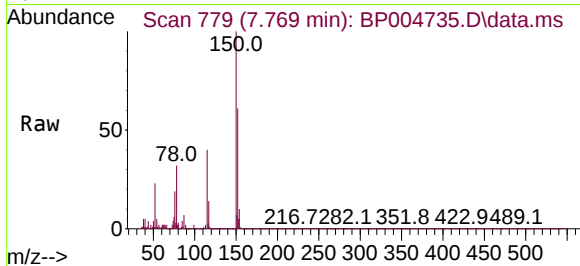




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

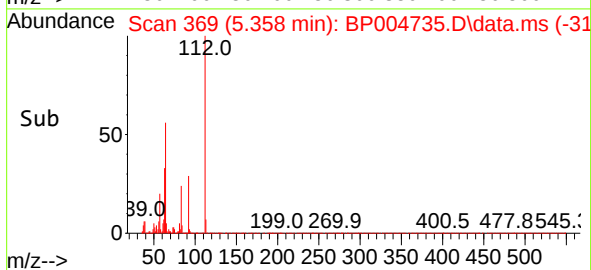
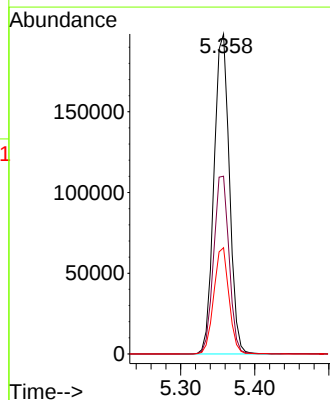
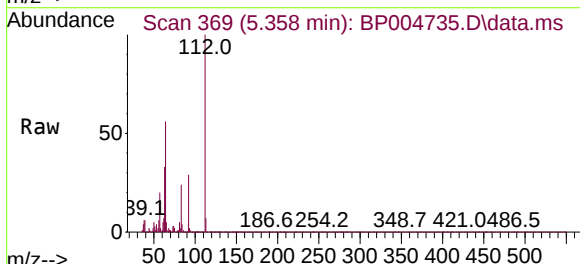
Instrument :
BNA_P
ClientSampleId :
FK-BPM-03-019-ABCD

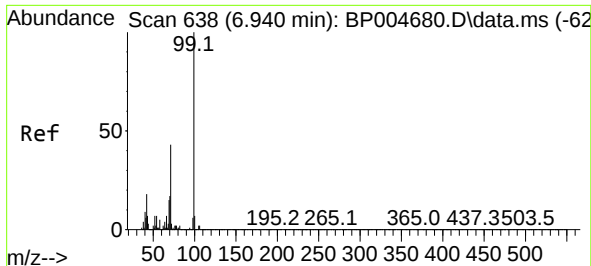
Tgt Ion:152 Resp: 44394
Ion Ratio Lower Upper
152 100
150 163.7 123.8 185.6
115 66.2 43.8 65.6#



#5
2-Fluorophenol
Concen: 99.40 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

Tgt Ion:112 Resp: 285794
Ion Ratio Lower Upper
112 100
64 55.6 32.8 49.2#
63 33.2 17.0 25.4#

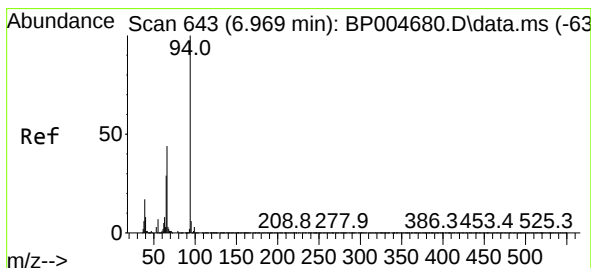
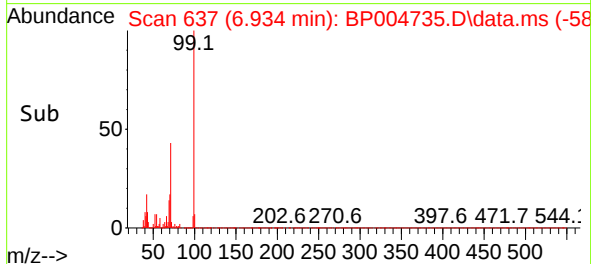
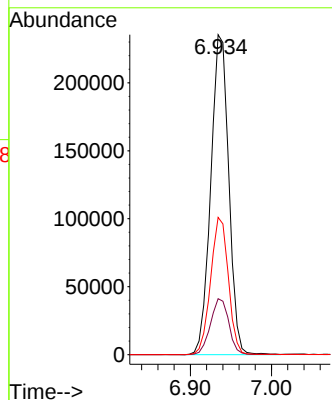
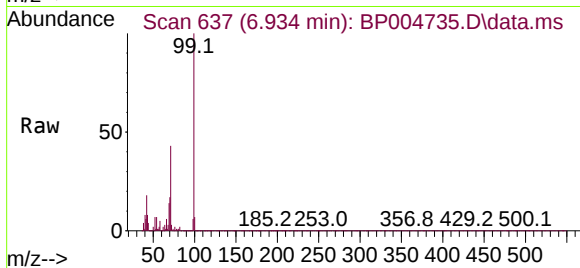




#7
Phenol-d6
Concen: 91.53 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

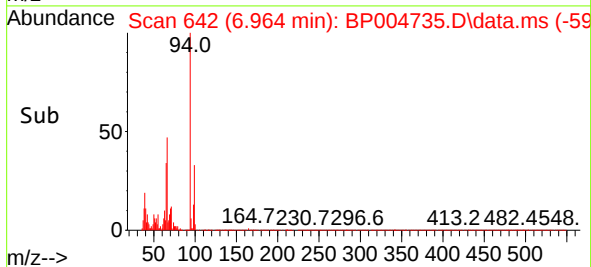
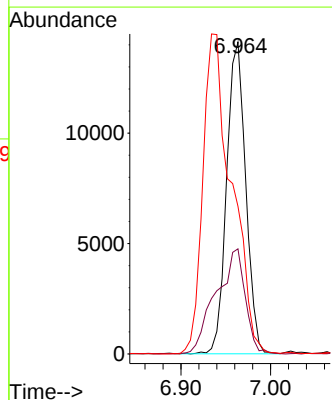
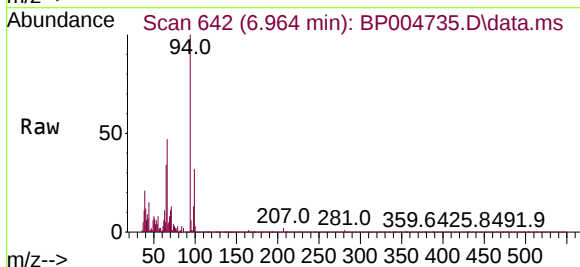
Instrument :
BNA_P
ClientSampleId :
FK-BPM-03-019-ABCD

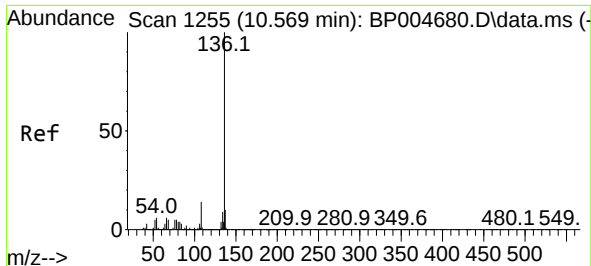
Tgt Ion: 99 Resp: 361913
Ion Ratio Lower Upper
99 100
42 17.5 8.6 13.0#
71 42.9 23.4 35.2#



#10
Phenol
Concen: 5.45 ng
RT: 6.964 min Scan# 642
Delta R.T. -0.006 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

Tgt Ion: 94 Resp: 20858
Ion Ratio Lower Upper
94 100
65 33.7 2.3 42.3
66 47.4 10.9 50.9

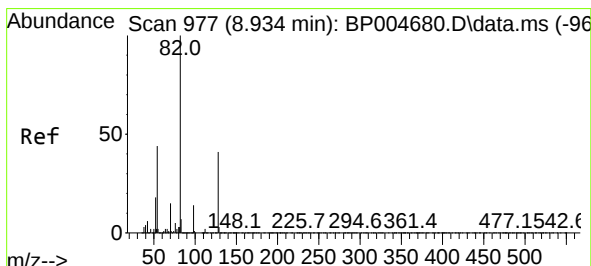
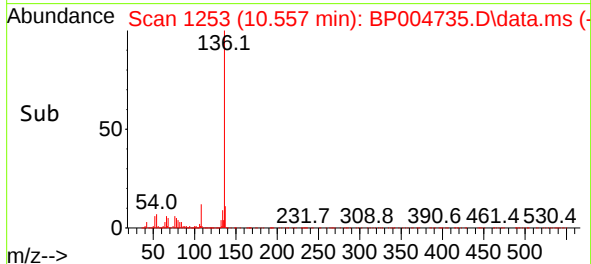
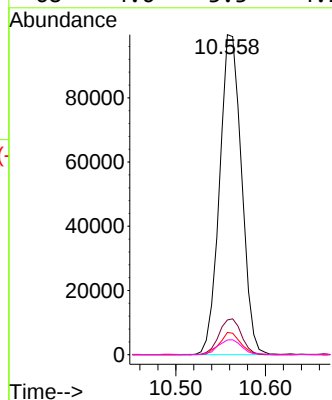
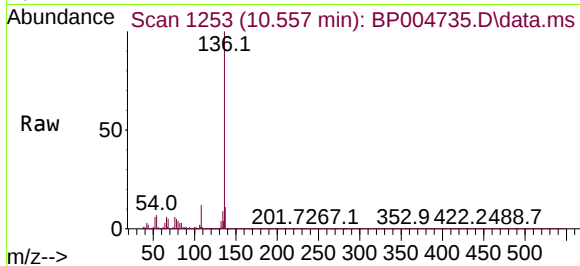




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.557 min Scan# 1253
Delta R.T. -0.012 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

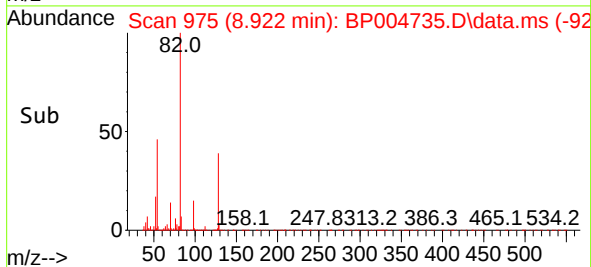
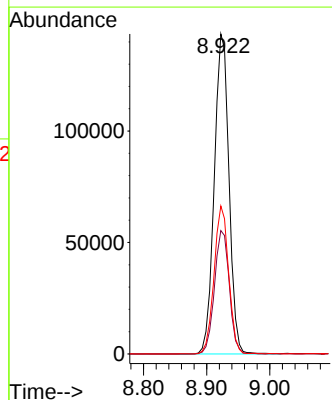
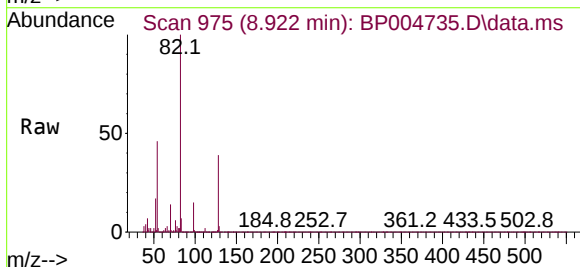
Instrument :
BNA_P
ClientSampleId :
FK-BPM-03-019-ABCD

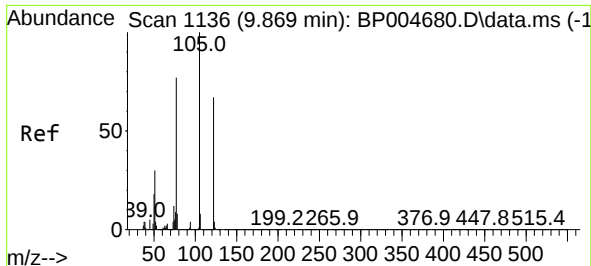
Tgt Ion:	136	Resp:	169614
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	6.9	3.6	5.4#
68	4.6	3.3	4.9



#23
Nitrobenzene-d5
Concen: 59.69 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

Tgt Ion:	82	Resp:	232373
Ion Ratio	Lower	Upper	
82	100		
128	38.6	45.6	68.4#
54	46.3	30.1	45.1#

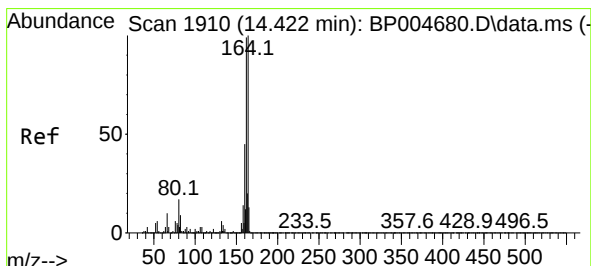
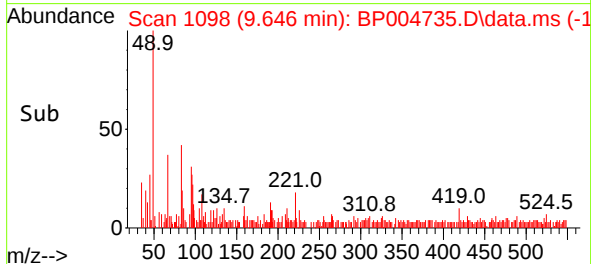
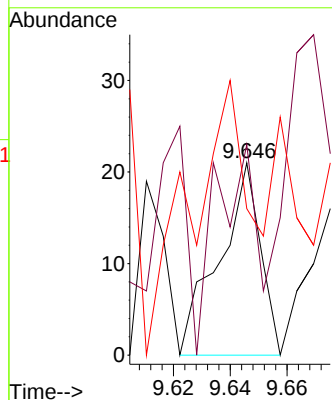
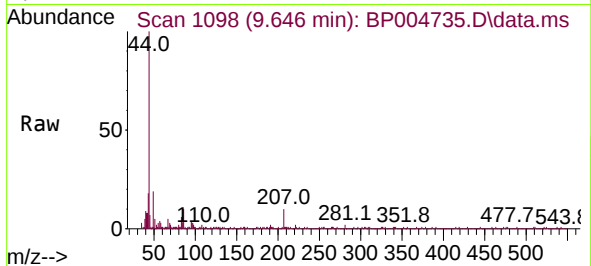




#32
Benzoic acid
Concen: 6.86 ng
RT: 9.646 min Scan# 1098
Delta R.T. -0.223 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

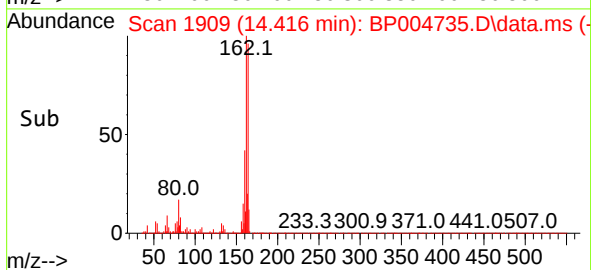
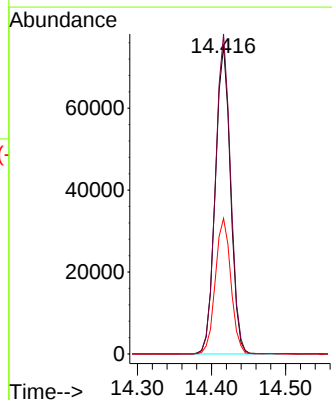
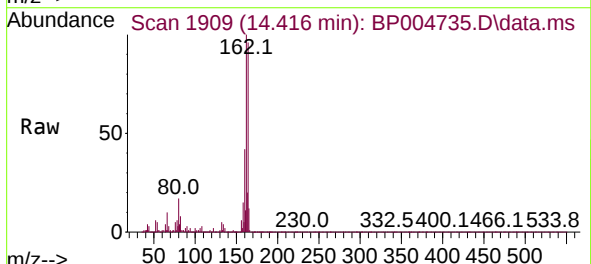
Instrument :
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ClientSampleId :
FK-BPM-03-019-ABCD

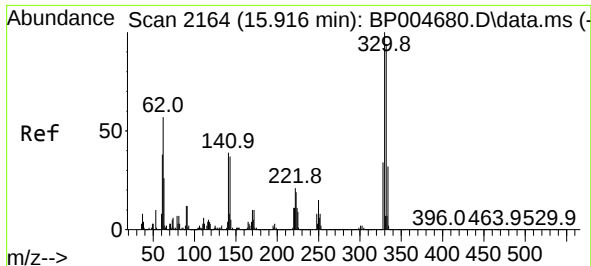
Tgt Ion:	122	Resp:	21
Ion	Ratio	Lower	Upper
122	100		
105	109.5	94.1	134.1
77	76.2	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

Tgt Ion:	164	Resp:	107153
Ion	Ratio	Lower	Upper
164	100		
162	103.8	79.4	119.2
160	44.0	36.1	54.1

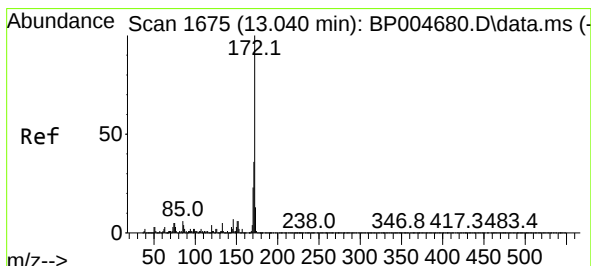
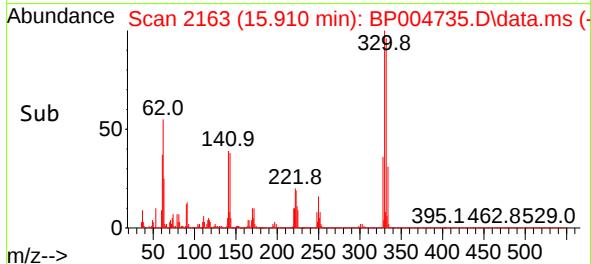
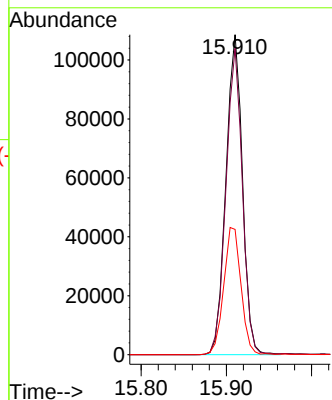
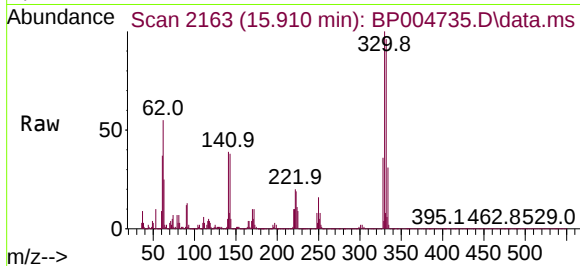




#42
2,4,6-Tribromophenol
Concen: 102.77 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

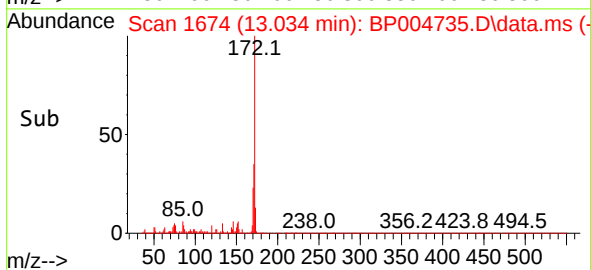
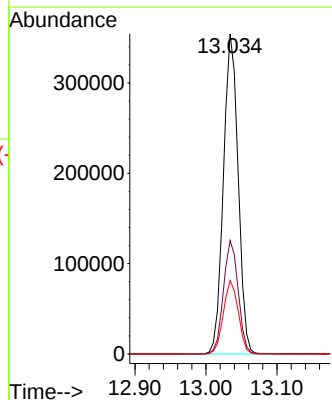
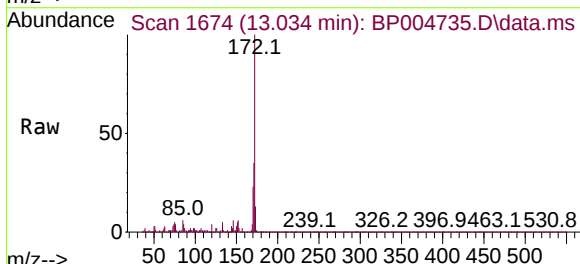
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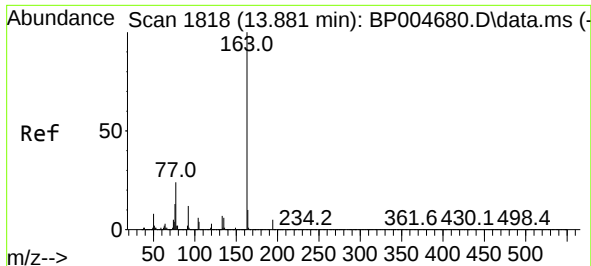
Tgt Ion:330 Resp: 146302
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 41.7 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 57.98 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

Tgt Ion:172 Resp: 508328
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.9 19.2 28.8

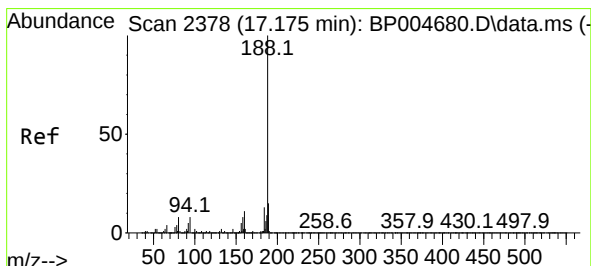
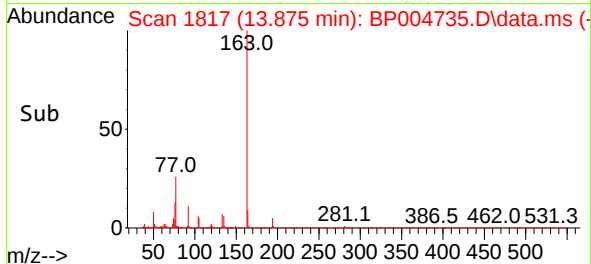
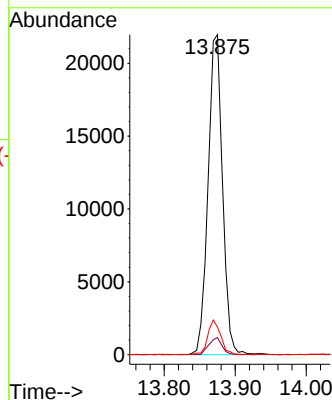
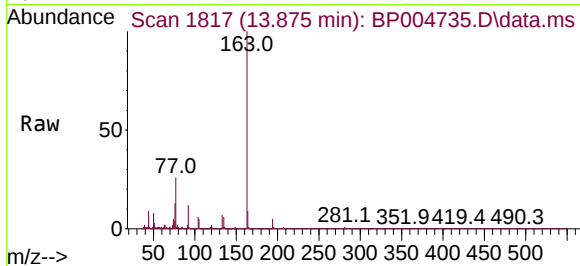




#50
Dimethylphthalate
Concen: 3.30 ng
RT: 13.875 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

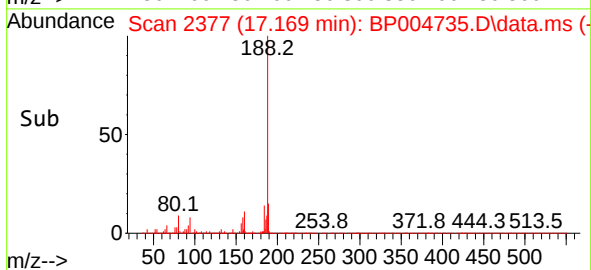
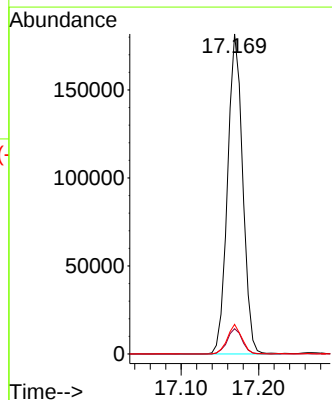
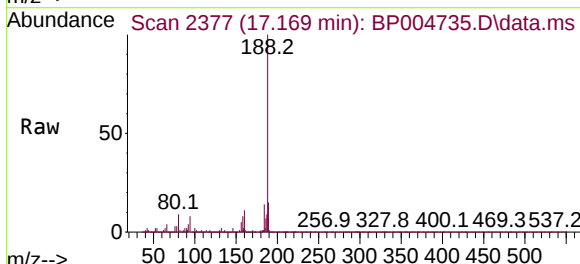
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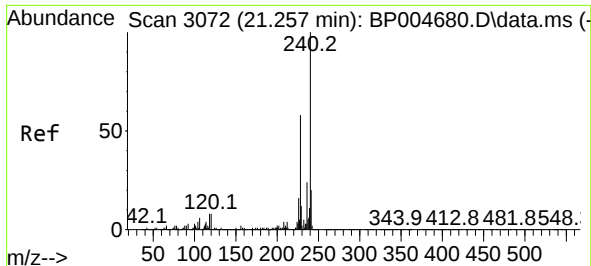
Tgt Ion:163 Resp: 31136
Ion Ratio Lower Upper
163 100
194 5.4 3.3 4.9#
164 8.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.169 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

Tgt Ion:188 Resp: 247531
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 9.3 6.2 9.2#

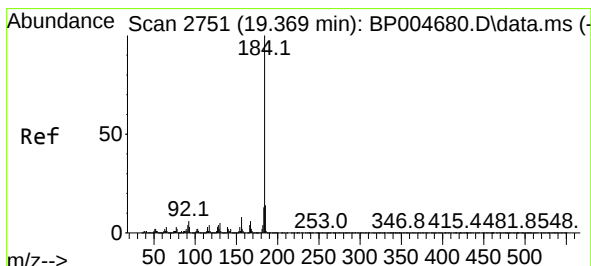
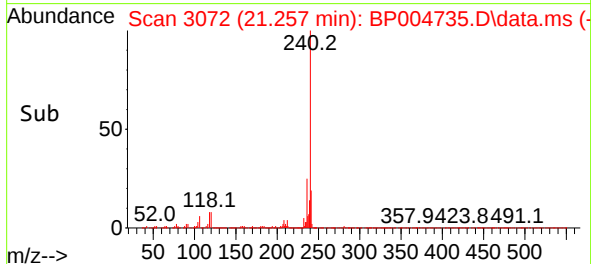
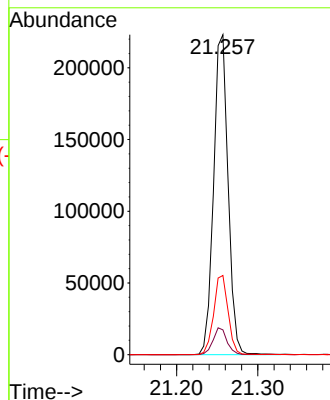
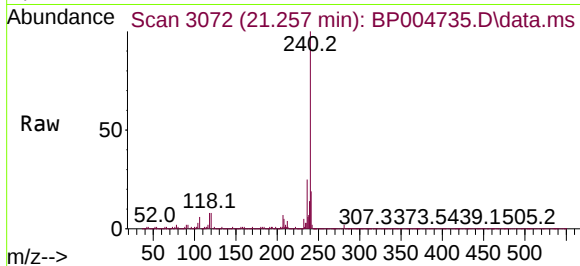




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.257 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

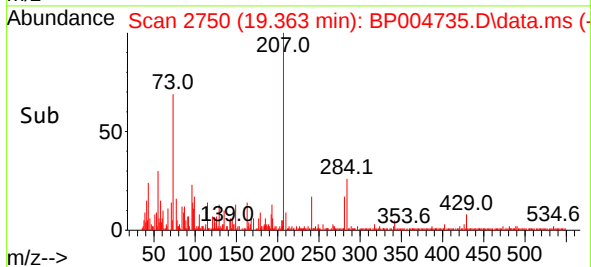
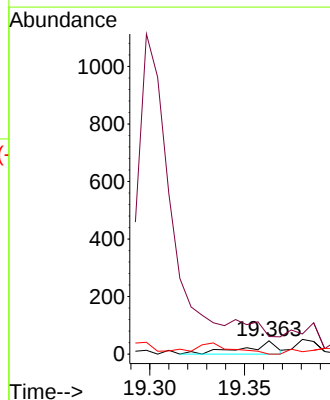
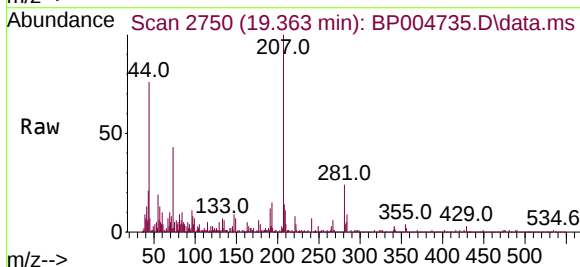
Instrument :
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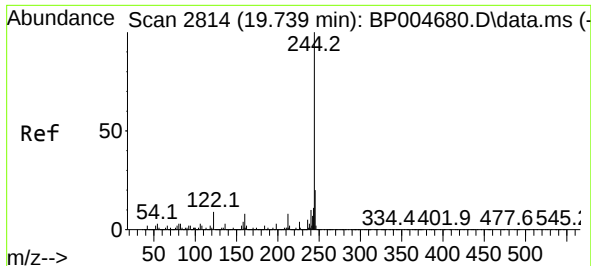
Tgt Ion:240 Resp: 275763
Ion Ratio Lower Upper
240 100
120 7.8 7.8 11.6
236 24.8 20.8 31.2



#77
Benzidine
Concen: 2.15 ng
RT: 19.363 min Scan# 2750
Delta R.T. -0.006 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
185 171.7 11.5 17.3#
183 54.3 9.6 14.4#

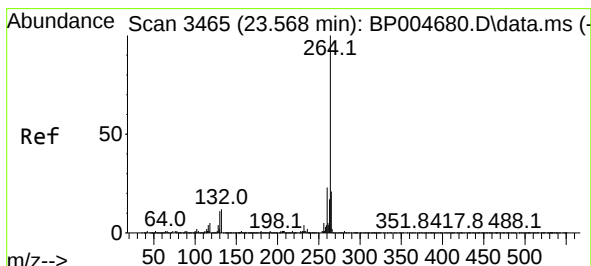
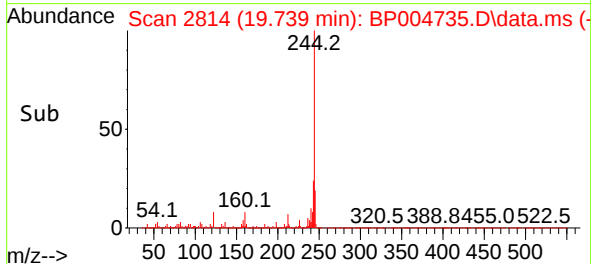
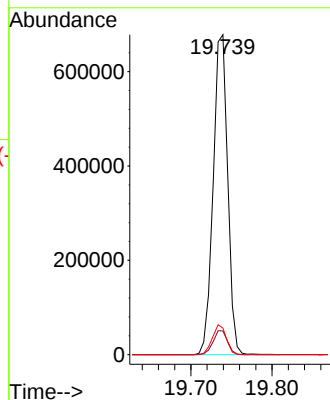
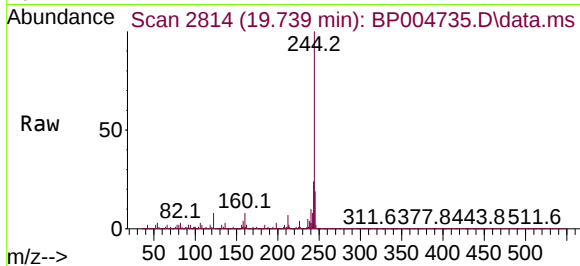




#79
Terphenyl-d14
Concen: 51.19 ng
RT: 19.739 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

Instrument :
BNA_P
ClientSampleId :
FK-BPM-03-019-ABCD

Tgt Ion:	244	Resp:	840430
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.6
122	8.3	7.8	11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.563 min Scan# 3464
Delta R.T. -0.006 min
Lab File: BP004735.D
Acq: 12 Feb 2021 18:05

Tgt Ion:	264	Resp:	279844
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.8	28.2
265	21.3	17.4	26.2

