

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021221\
 Data File : BP004733.D
 Acq On : 12 Feb 2021 16:58
 Operator : CG/JU
 Sample : M1395-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-BPM-03-020-ABCD

Quant Time: Feb 12 17:40:48 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)

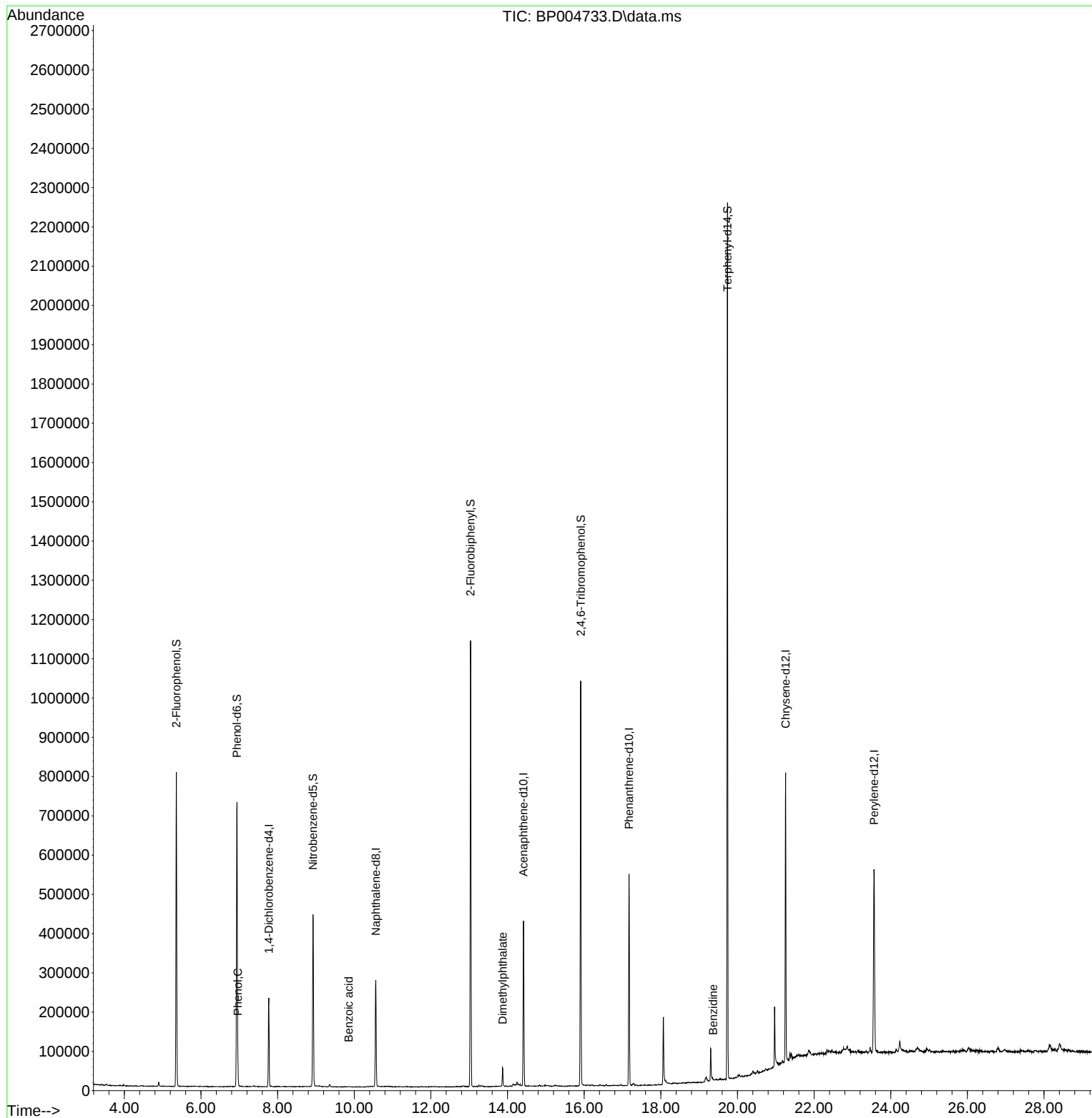
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	55467	20.00	ng	0.00
21) Naphthalene-d8	10.563	136	207875	20.00	ng	# 0.00
39) Acenaphthene-d10	14.416	164	133504	20.00	ng	0.00
64) Phenanthrene-d10	17.169	188	302516	20.00	ng	0.00
76) Chrysene-d12	21.257	240	325991	20.00	ng	0.00
86) Perylene-d12	23.563	264	334237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	307038	85.47	ng	0.00
7) Phenol-d6	6.940	99	381145	77.15	ng	0.00
23) Nitrobenzene-d5	8.922	82	245888	51.54	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	158796	89.53	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	535430	49.02	ng	0.00
79) Terphenyl-d14	19.739	244	880951	45.39	ng	0.00
Target Compounds						
10) Phenol	6.963	94	21057	4.40	ng	# 58
32) Benzoic acid	9.857	122	20	6.86	ng	94
50) Dimethylphthalate	13.875	163	28645	2.44	ng	98
77) Benzidine	19.369	184	125	2.16	ng	# 1

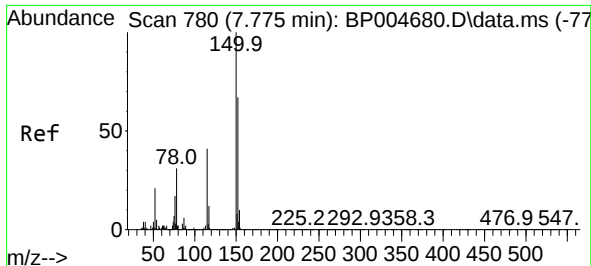
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 05 18:04:48 2021
Response via : Initial Calibration

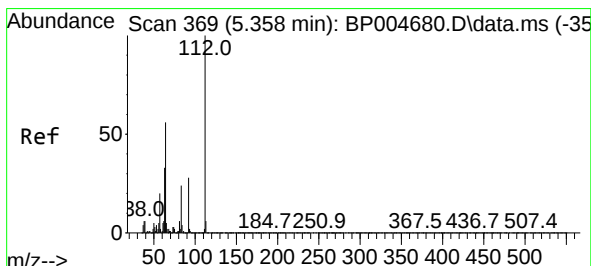
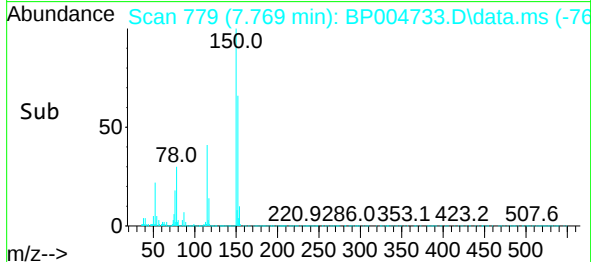
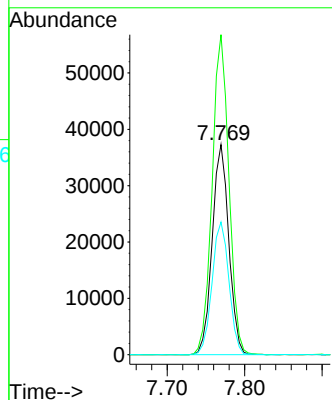
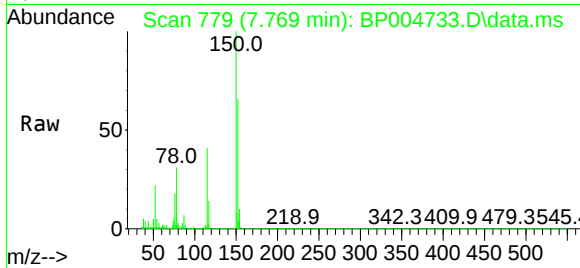




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

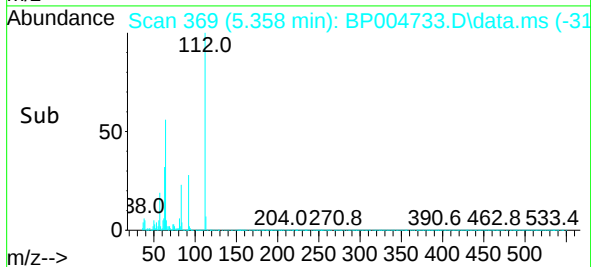
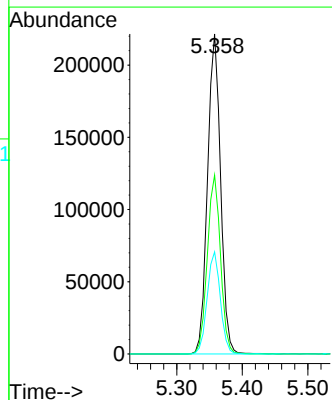
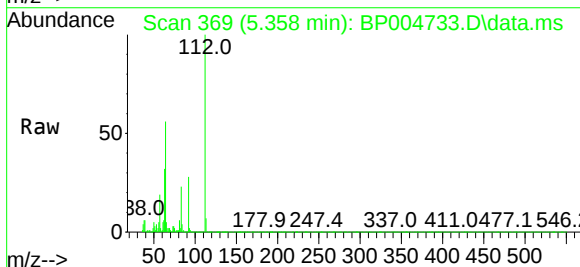
Instrument :
BNA_P
ClientSampleId :
FK-BPM-03-020-ABCD

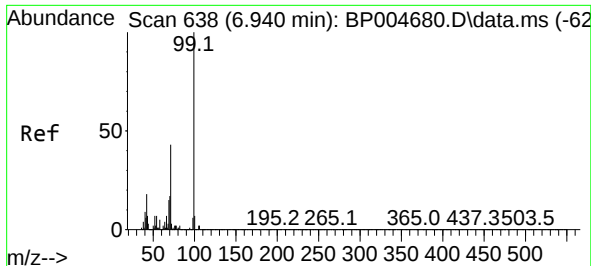
Tgt Ion:152 Resp: 55467
Ion Ratio Lower Upper
152 100
150 152.3 123.8 185.6
115 63.2 43.8 65.6



#5
2-Fluorophenol
Concen: 85.47 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

Tgt Ion:112 Resp: 307038
Ion Ratio Lower Upper
112 100
64 55.9 32.8 49.2#
63 31.9 17.0 25.4#

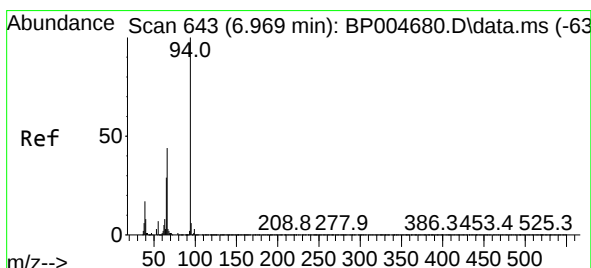
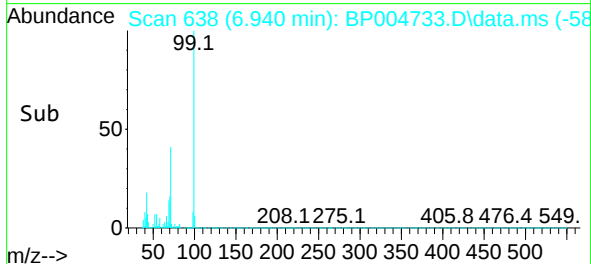
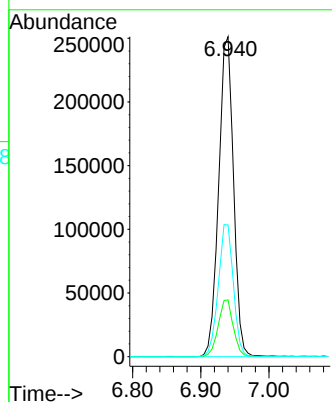
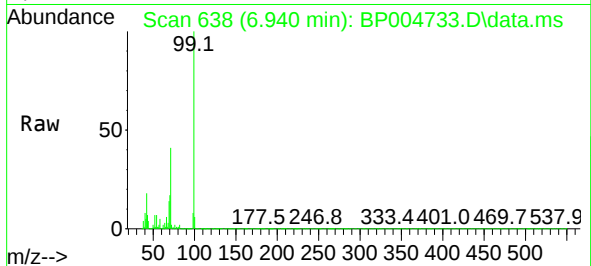




#7
Phenol-d6
Concen: 77.15 ng
RT: 6.940 min Scan# 638
Delta R.T. 0.000 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

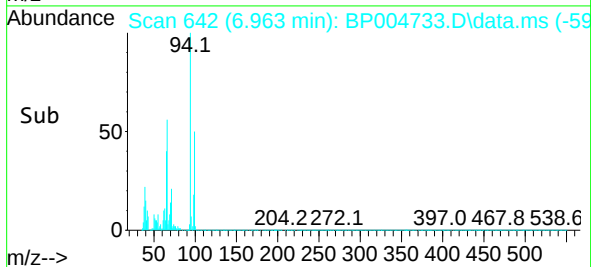
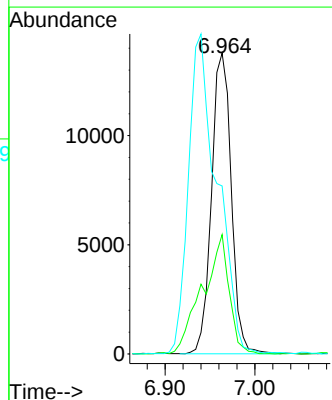
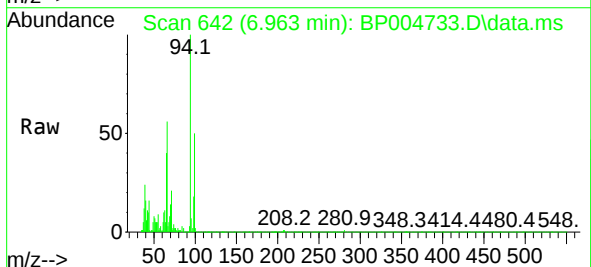
Instrument :
BNA_P
ClientSampleId :
FK-BPM-03-020-ABCD

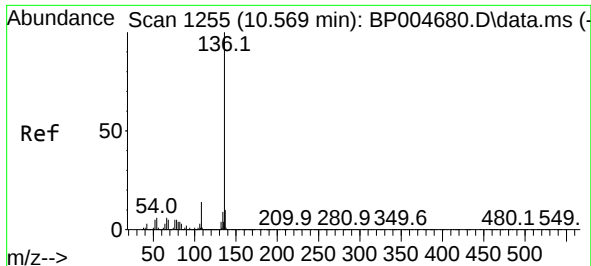
Tgt Ion: 99 Resp: 381145
Ion Ratio Lower Upper
99 100
42 17.7 8.6 13.0#
71 41.2 23.4 35.2#



#10
Phenol
Concen: 4.40 ng
RT: 6.963 min Scan# 642
Delta R.T. -0.006 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

Tgt Ion: 94 Resp: 21057
Ion Ratio Lower Upper
94 100
65 39.7 2.3 42.3
66 55.9 10.9 50.9#

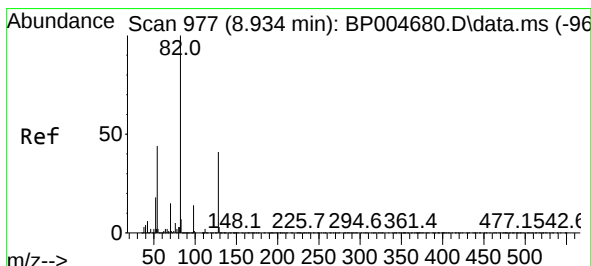
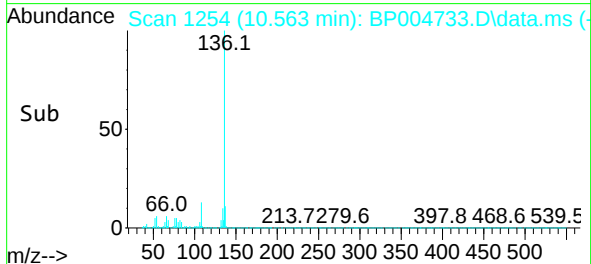
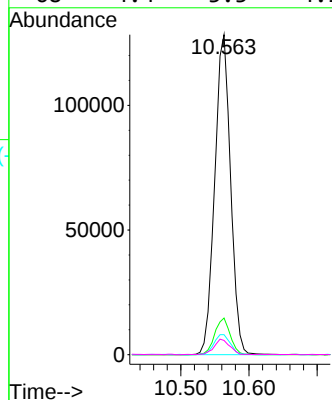
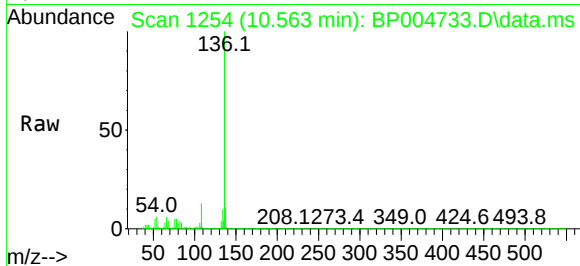




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

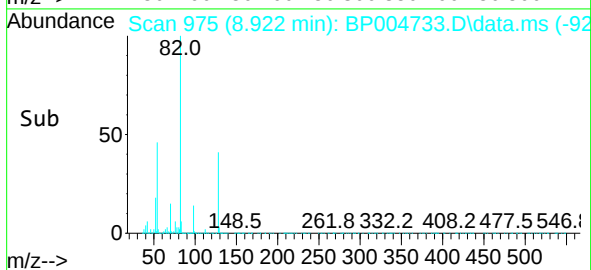
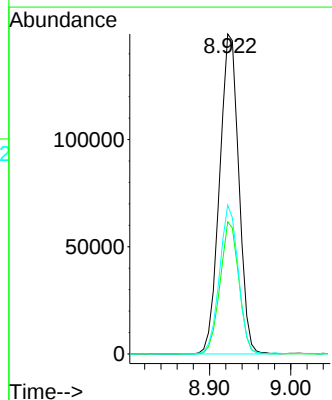
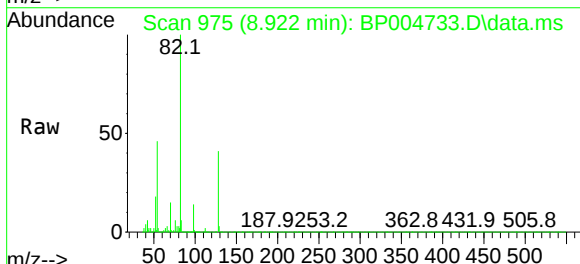
Instrument :
BNA_P
ClientSampleId :
FK-BPM-03-020-ABCD

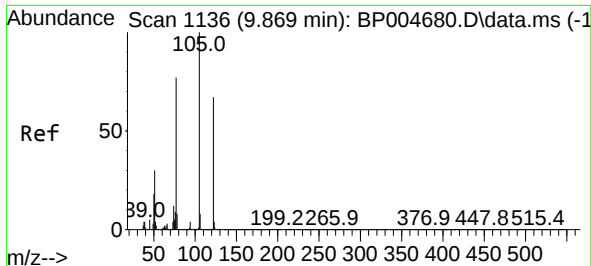
Tgt Ion:	136	Resp:	207875
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	13.0
54	6.2	3.6	5.4#
68	4.4	3.3	4.9



#23
Nitrobenzene-d5
Concen: 51.54 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

Tgt Ion:	82	Resp:	245888
Ion Ratio	Lower	Upper	
82	100		
128	41.3	45.6	68.4#
54	46.5	30.1	45.1#

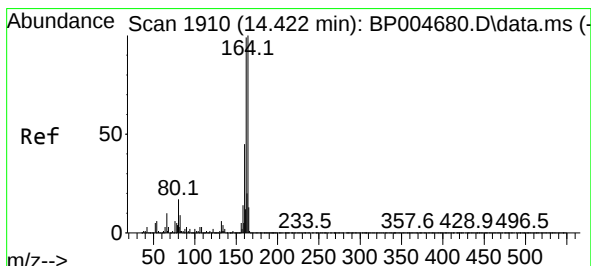
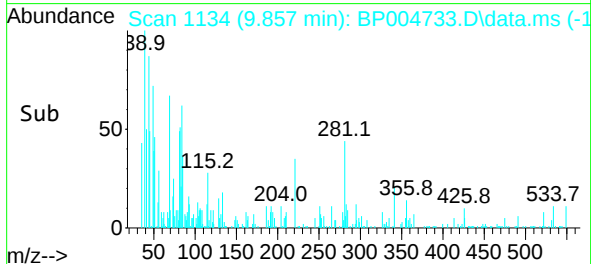
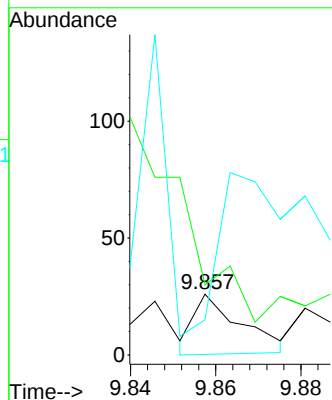
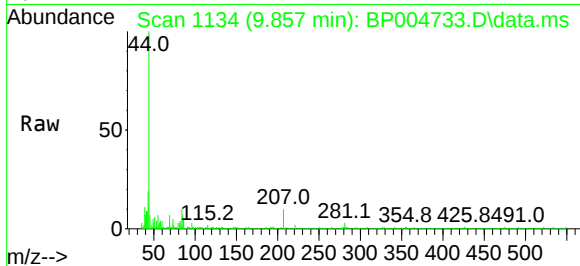




#32
Benzoic acid
Concen: 6.86 ng
RT: 9.857 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

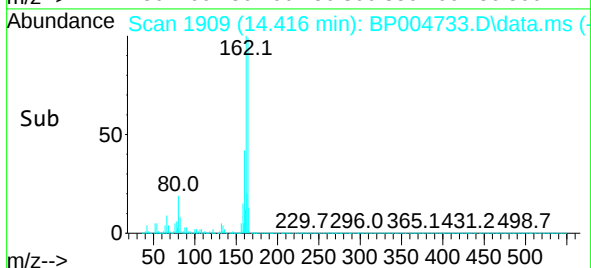
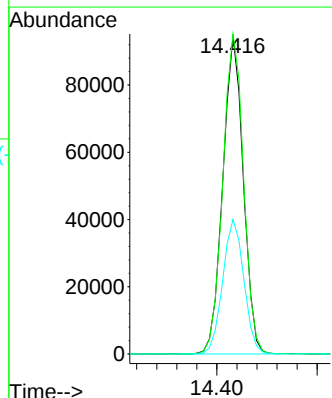
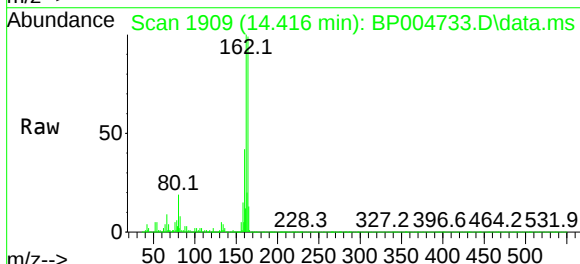
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ClientSampleId :
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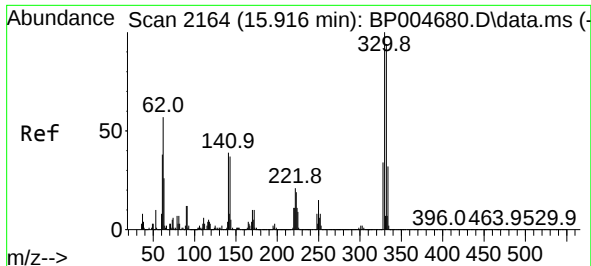
Tgt Ion:	122	Resp:	20
Ion	Ratio	Lower	Upper
122	100		
105	115.4	94.1	134.1
77	57.7	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

Tgt Ion:	164	Resp:	133504
Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.4	119.2
160	42.3	36.1	54.1

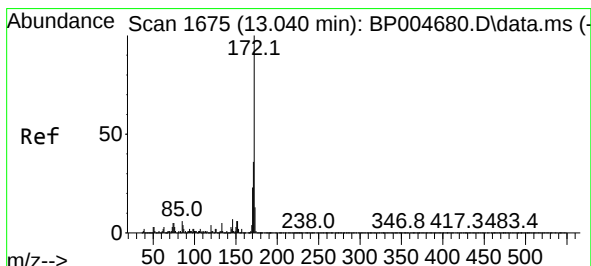
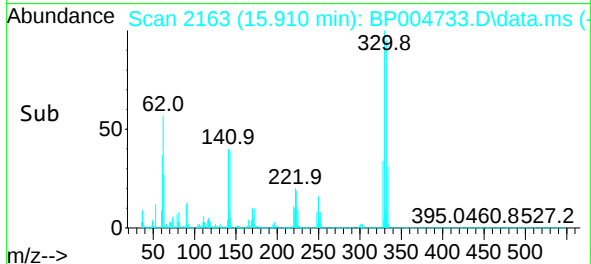
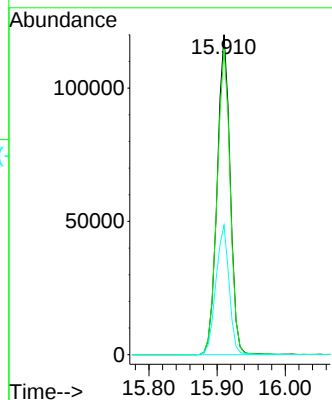
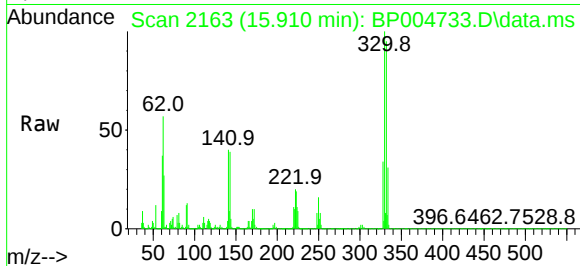




#42
2,4,6-Tribromophenol
Concen: 89.53 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

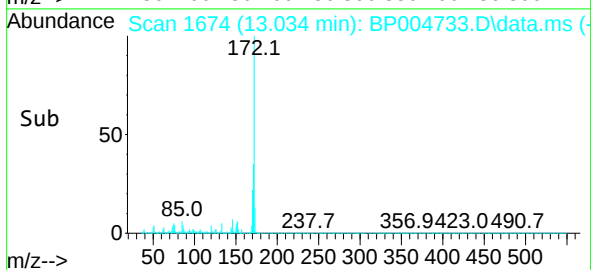
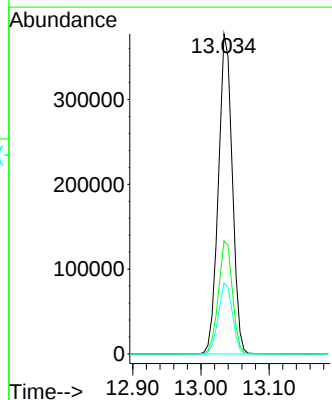
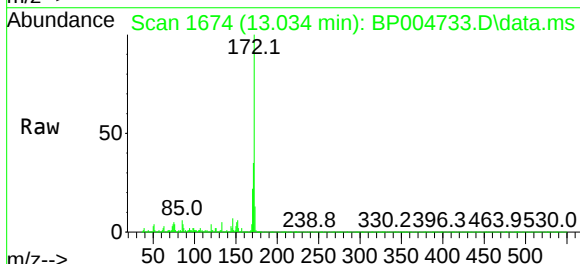
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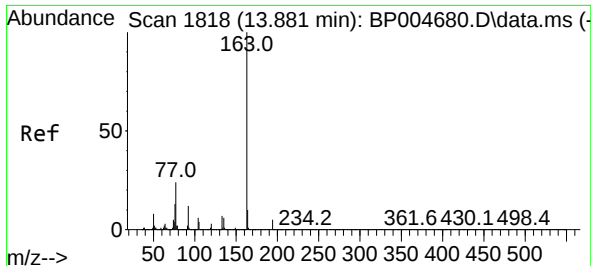
Tgt Ion:330 Resp: 158796
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 41.1 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 49.02 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

Tgt Ion:172 Resp: 535430
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.2 19.2 28.8

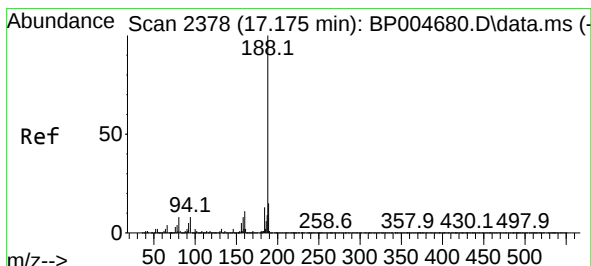
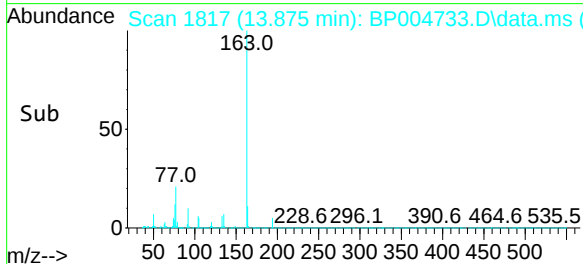
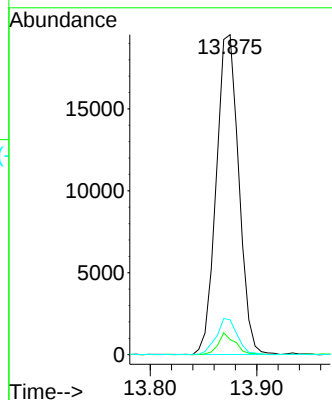
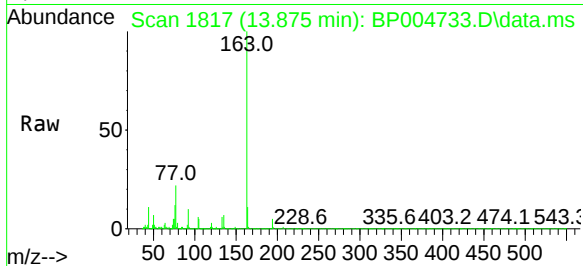




#50
Dimethylphthalate
Concen: 2.44 ng
RT: 13.875 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

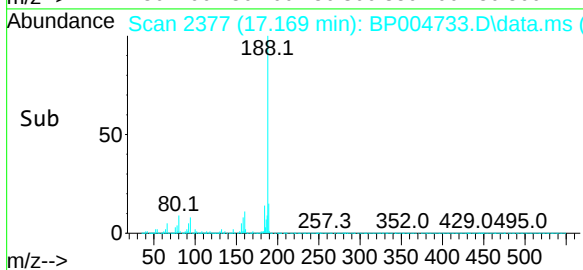
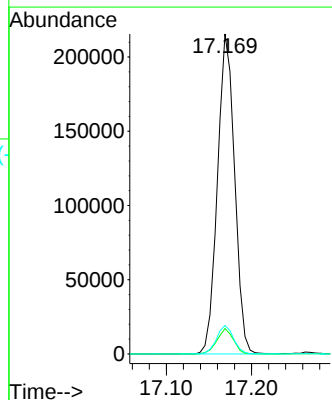
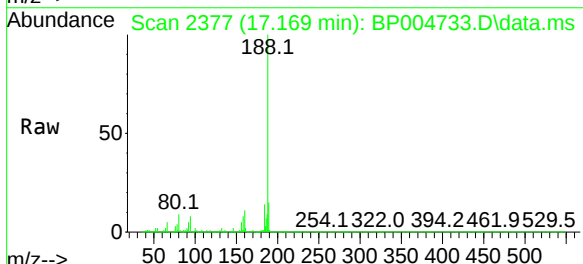
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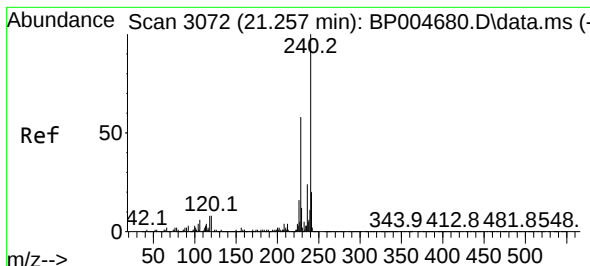
Tgt Ion:163 Resp: 28645
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 10.9 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.169 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

Tgt Ion:188 Resp: 302516
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.9 6.2 9.2

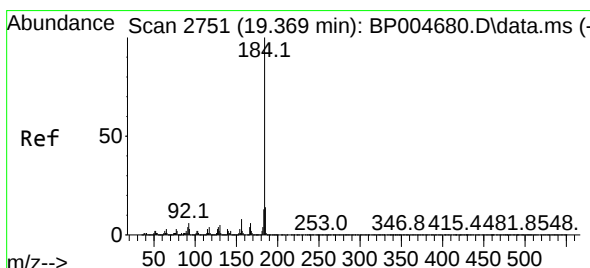
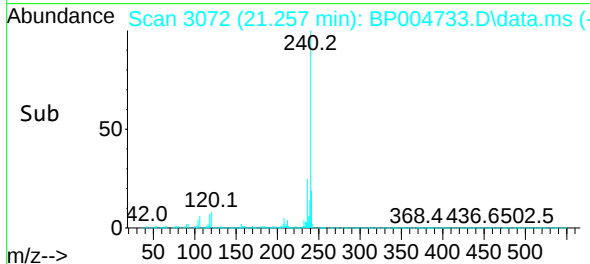
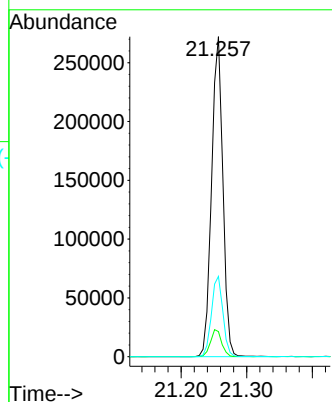
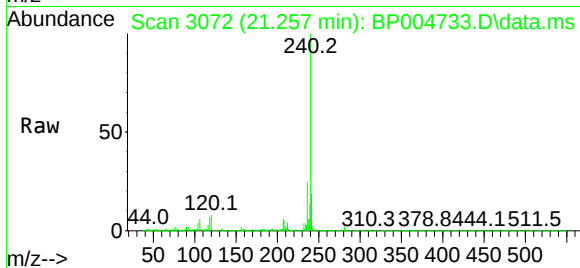




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.257 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

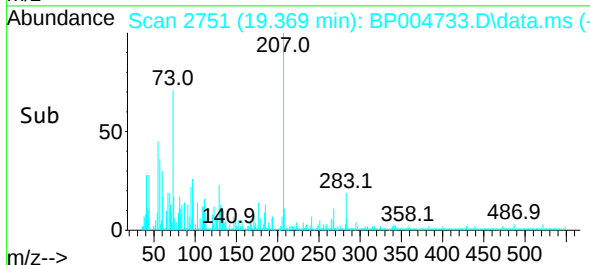
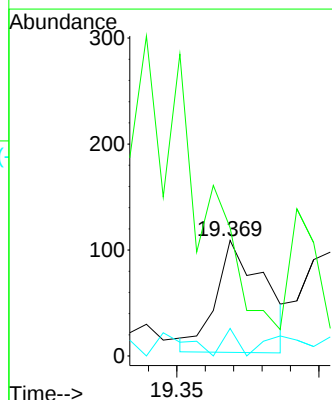
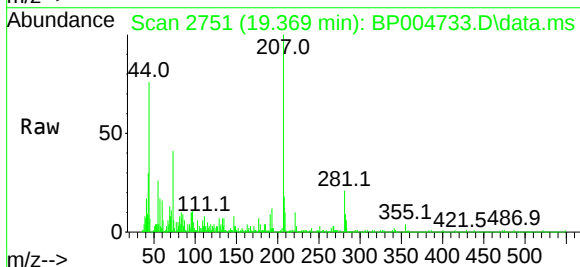
Instrument :
BNA_P
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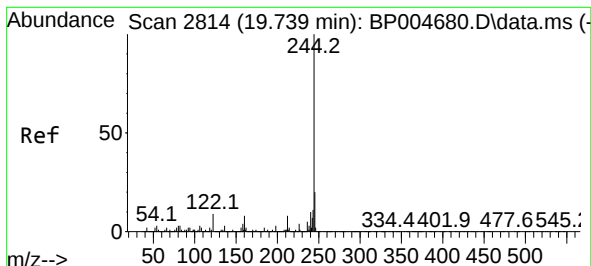
Tgt Ion:240 Resp: 325991
Ion Ratio Lower Upper
240 100
120 7.8 7.8 11.6
236 25.1 20.8 31.2



#77
Benzidine
Concen: 2.16 ng
RT: 19.369 min Scan# 2751
Delta R.T. -0.000 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

Tgt Ion:184 Resp: 125
Ion Ratio Lower Upper
184 100
185 111.0 11.5 17.3#
183 23.9 9.6 14.4#

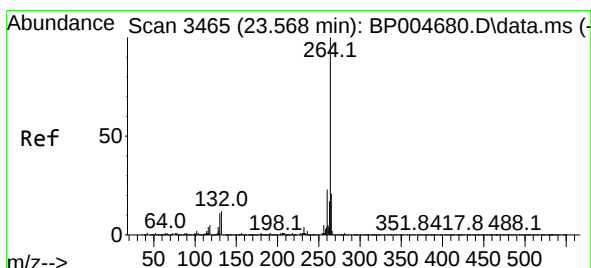
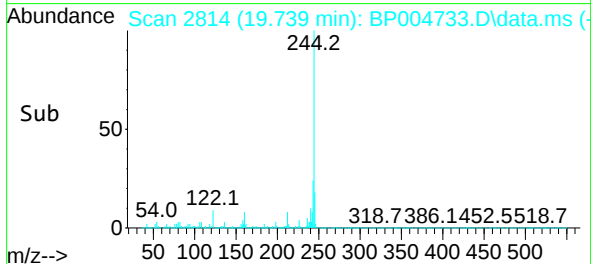
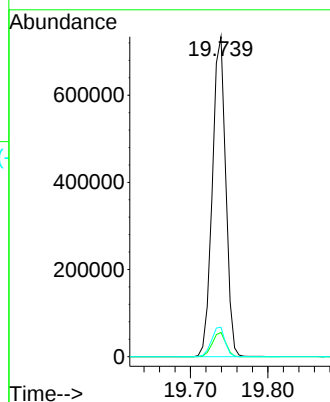
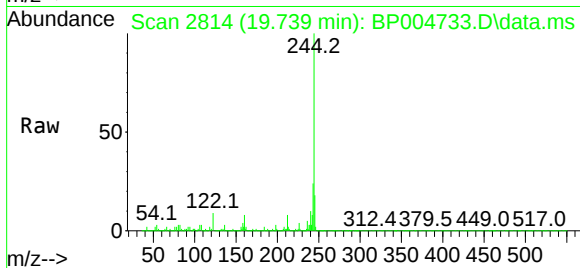




#79
Terphenyl-d14
Concen: 45.39 ng
RT: 19.739 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP004733.D
Acq: 12 Feb 2021 16:58

Instrument :
BNA_P
ClientSampleId :
FK-BPM-03-020-ABCD

Tgt Ion:	244	Resp:	880951
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.8	8.6
122	9.2	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: BP004733.D
Acq: 12 Feb 2021 16:58

Tgt Ion:	264	Resp:	334237
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.8	28.2
265	21.3	17.4	26.2

