

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021221\
 Data File : BP004734.D
 Acq On : 12 Feb 2021 17:31
 Operator : CG/JU
 Sample : M1393-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 R-LA-3-1-WC

Quant Time: Feb 12 22:44:52 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)

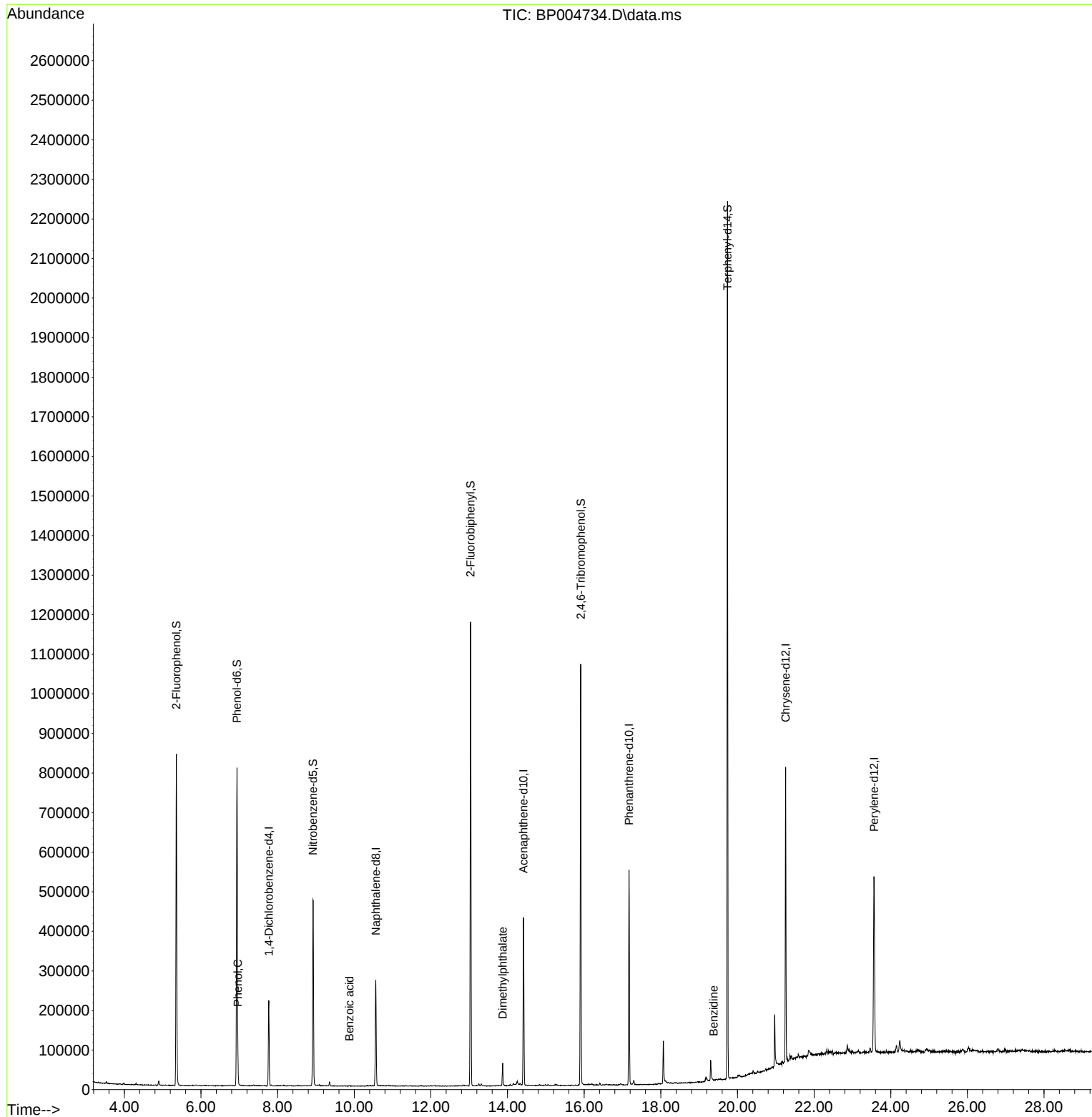
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	53610	20.00	ng	0.00
21) Naphthalene-d8	10.563	136	203800	20.00	ng	# 0.00
39) Acenaphthene-d10	14.416	164	132116	20.00	ng	0.00
64) Phenanthrene-d10	17.169	188	298218	20.00	ng	0.00
76) Chrysene-d12	21.257	240	318691	20.00	ng	0.00
86) Perylene-d12	23.563	264	320738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	332100	95.65	ng	0.00
7) Phenol-d6	6.940	99	419921	87.94	ng	0.00
23) Nitrobenzene-d5	8.922	82	268817	57.47	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	166085	94.62	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	557887	51.61	ng	0.00
79) Terphenyl-d14	19.739	244	885230	46.66	ng	0.00
Target Compounds						
10) Phenol	6.963	94	24052	5.20	ng	Qvalue 77
32) Benzoic acid	9.875	122	12	6.85	ng	# 65
50) Dimethylphthalate	13.875	163	33297	2.87	ng	# 98
77) Benzidine	19.380	184	122	2.16	ng	# 64

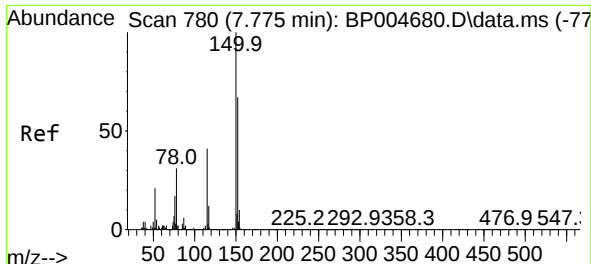
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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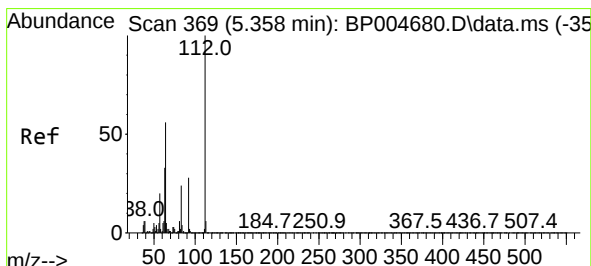
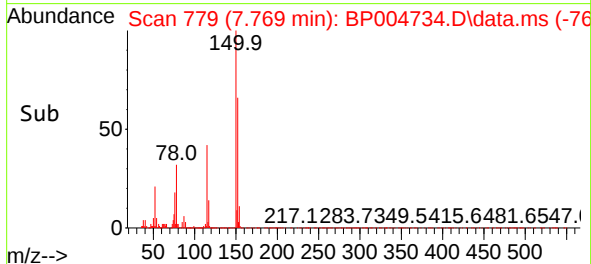
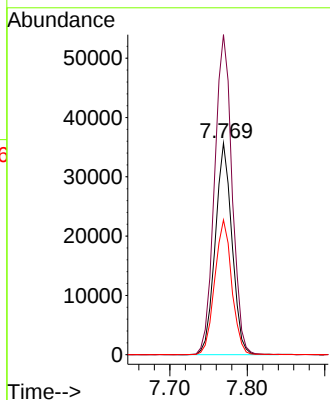
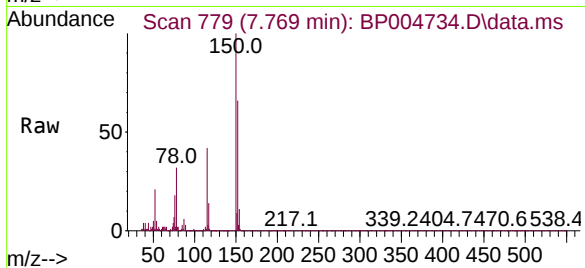




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

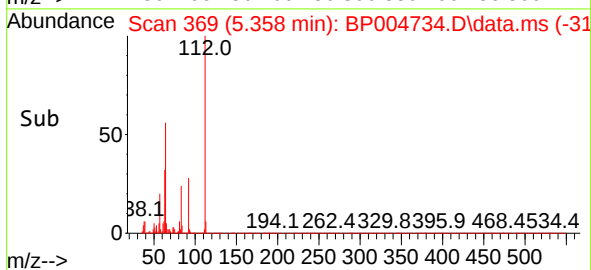
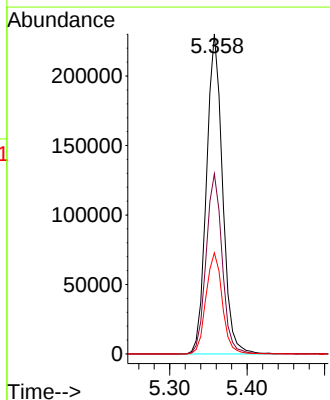
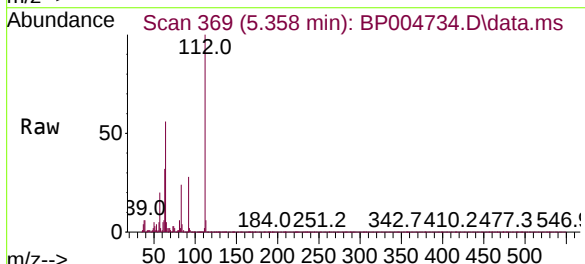
Instrument :
BNA_P
ClientSampleId :
R-LA-3-1-WC

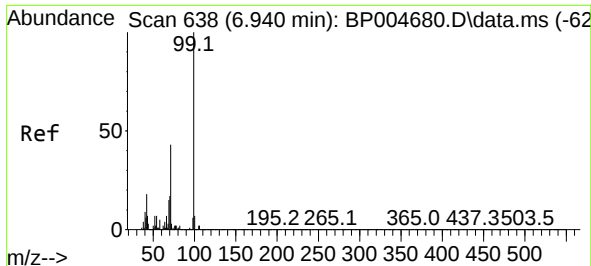
Tgt Ion:152 Resp: 53610
Ion Ratio Lower Upper
152 100
150 151.2 123.8 185.6
115 63.7 43.8 65.6



#5
2-Fluorophenol
Concen: 95.65 ng
RT: 5.358 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

Tgt Ion:112 Resp: 332100
Ion Ratio Lower Upper
112 100
64 56.3 32.8 49.2#
63 31.6 17.0 25.4#

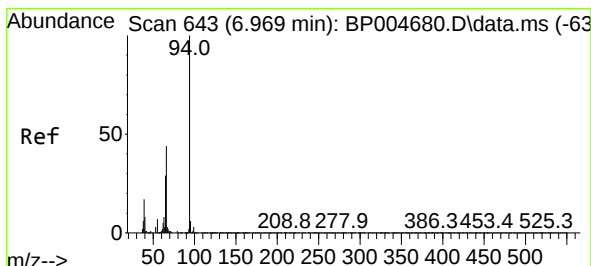
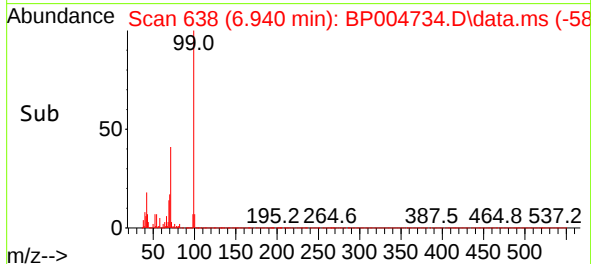
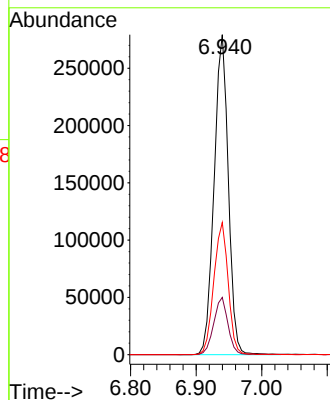
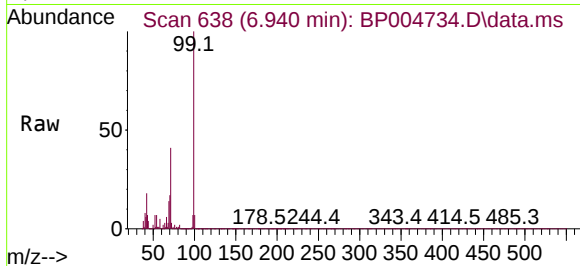




#7
Phenol-d6
Concen: 87.94 ng
RT: 6.940 min Scan# 638
Delta R.T. -0.000 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

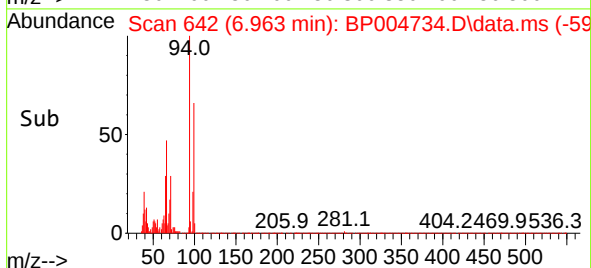
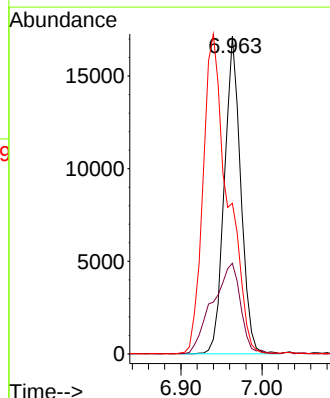
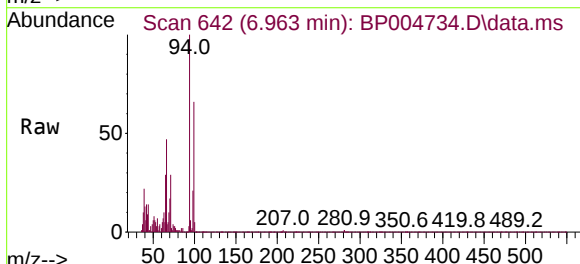
Instrument :
BNA_P
ClientSampleId :
R-LA-3-1-WC

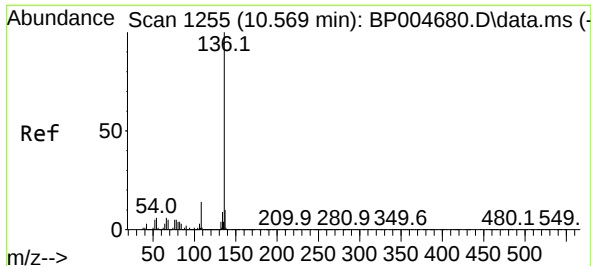
Tgt Ion: 99 Resp: 419921
Ion Ratio Lower Upper
99 100
42 17.9 8.6 13.0#
71 41.3 23.4 35.2#



#10
Phenol
Concen: 5.20 ng
RT: 6.963 min Scan# 642
Delta R.T. -0.006 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

Tgt Ion: 94 Resp: 24052
Ion Ratio Lower Upper
94 100
65 28.6 2.3 42.3
66 47.4 10.9 50.9

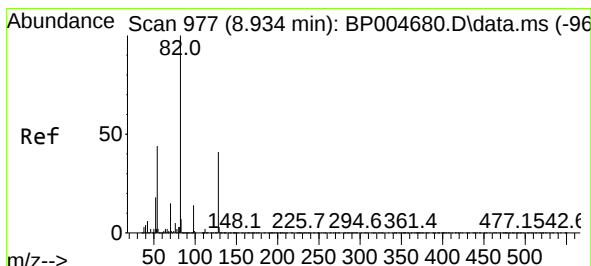
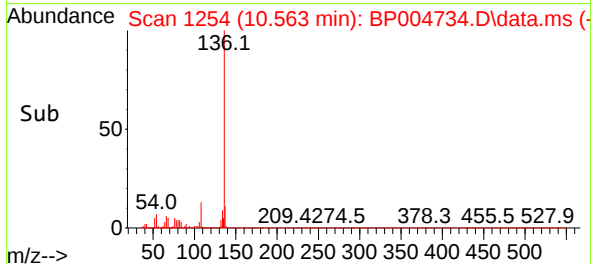
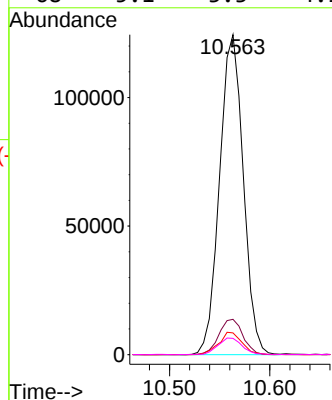
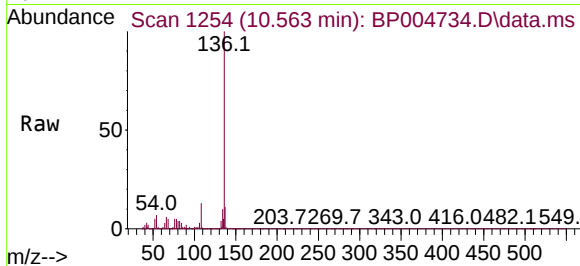




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

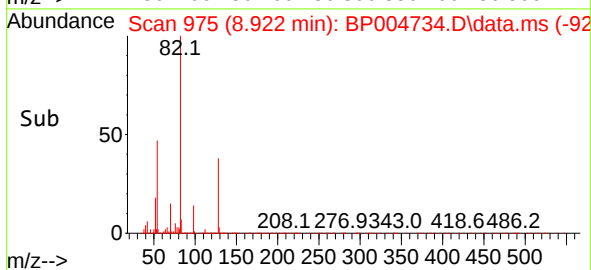
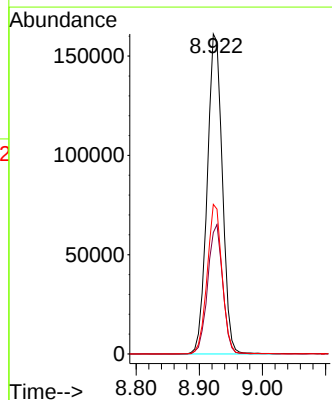
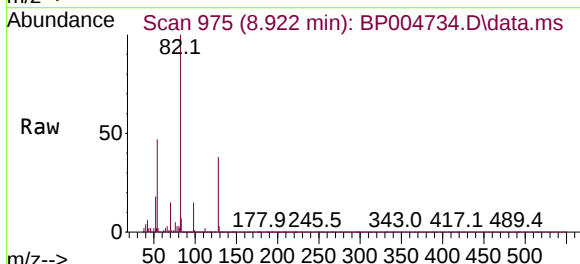
Instrument :
BNA_P
ClientSampleId :
R-LA-3-1-WC

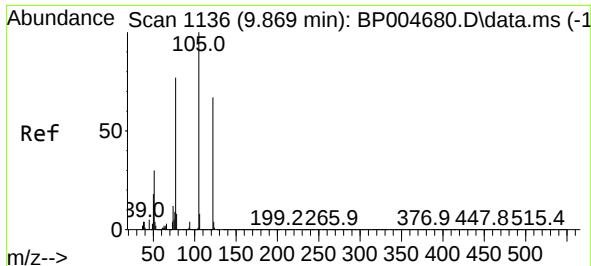
Tgt Ion:	136	Resp:	203800
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	6.8	3.6	5.4#
68	5.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 57.47 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

Tgt Ion:	82	Resp:	268817
Ion Ratio	Lower	Upper	
82	100		
128	38.0	45.6	68.4#
54	46.7	30.1	45.1#

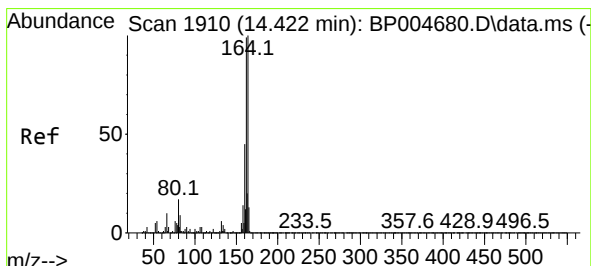
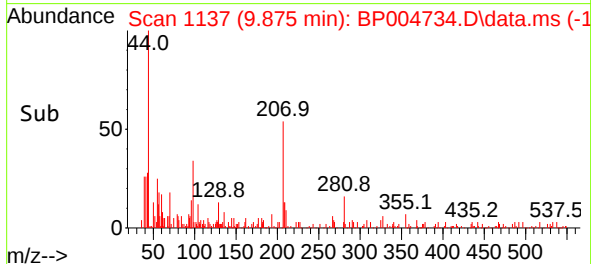
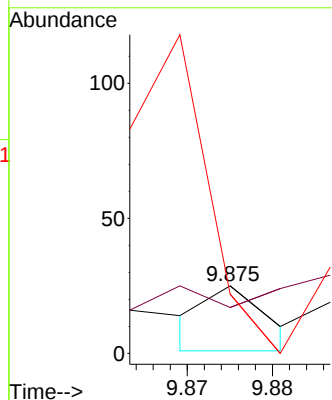
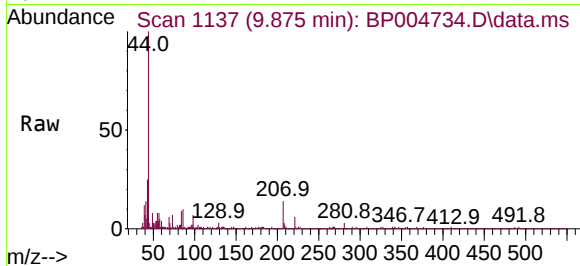




#32
Benzoic acid
Concen: 6.85 ng
RT: 9.875 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

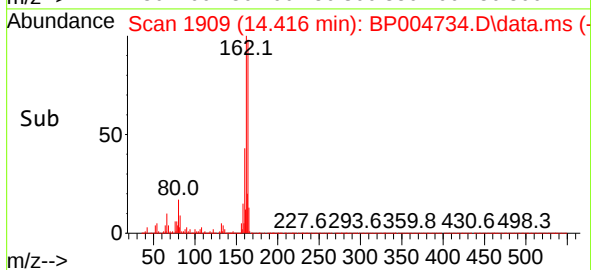
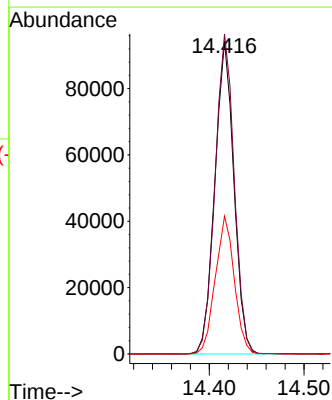
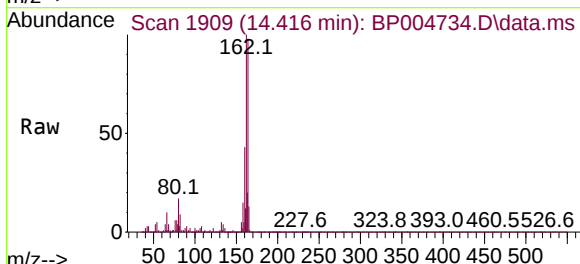
Instrument :
BNA_P
ClientSampleId :
R-LA-3-1-WC

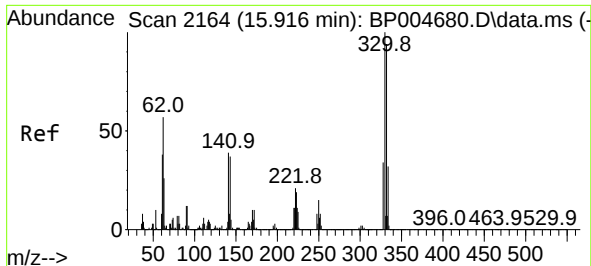
Tgt Ion:122 Resp: 12
Ion Ratio Lower Upper
122 100
105 68.0 94.1 134.1#
77 88.0 50.1 90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

Tgt Ion:164 Resp: 132116
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.2
160 44.1 36.1 54.1

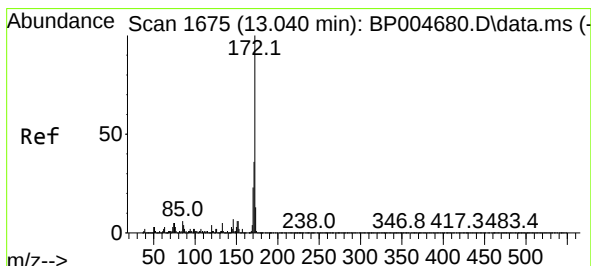
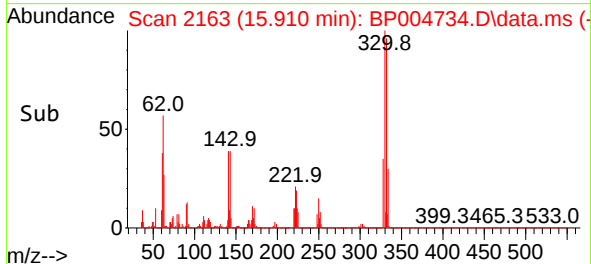
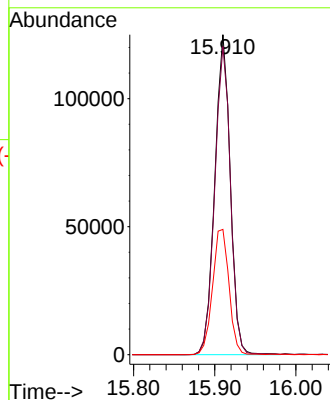
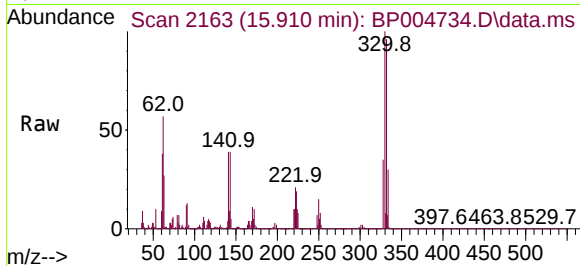




#42
2,4,6-Tribromophenol
Concen: 94.62 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

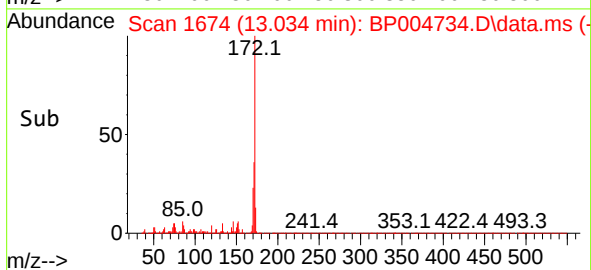
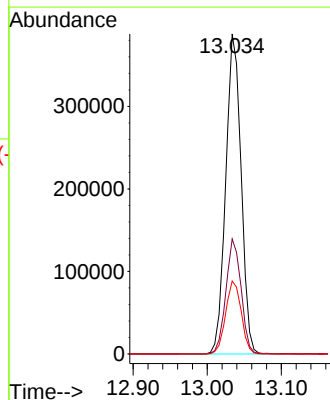
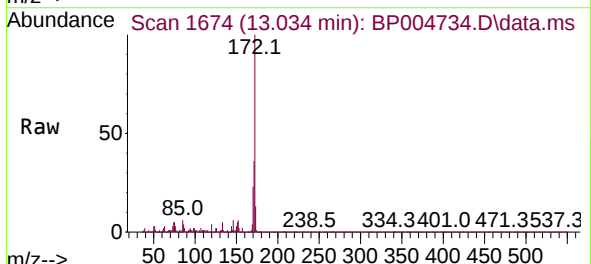
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ClientSampleId :
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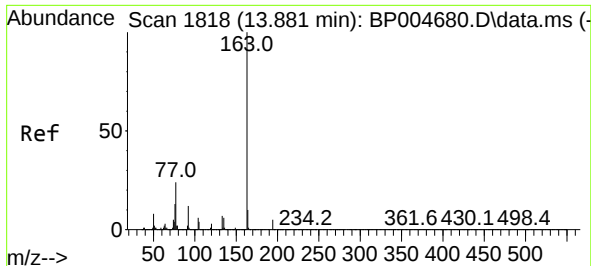
Tgt Ion:330 Resp: 166085
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 41.5 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 51.61 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

Tgt Ion:172 Resp: 557887
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 22.8 19.2 28.8

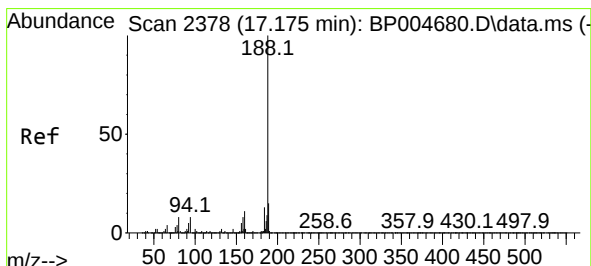
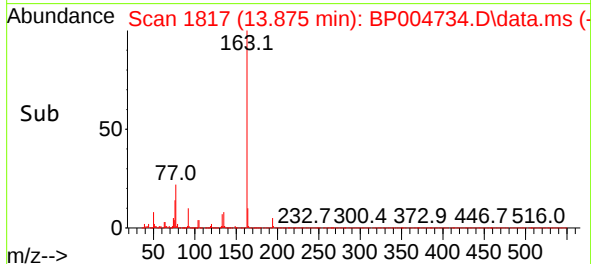
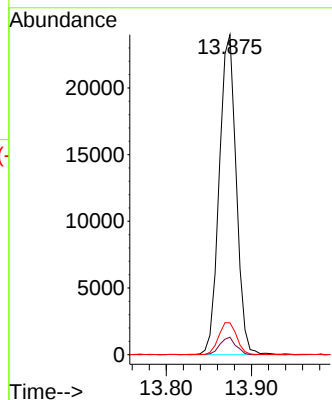
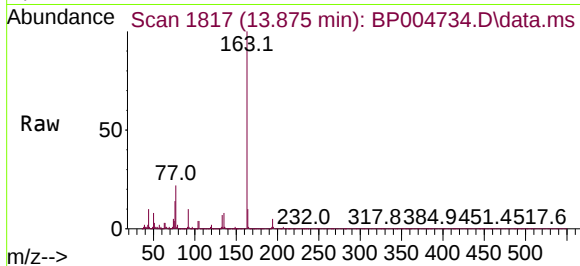




#50
Dimethylphthalate
Concen: 2.87 ng
RT: 13.875 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

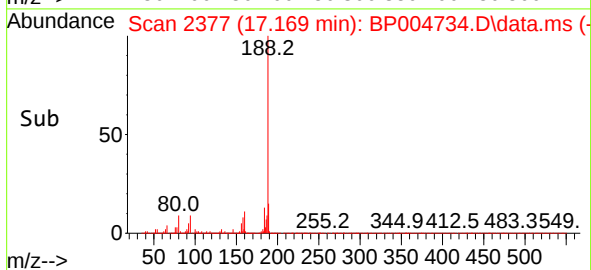
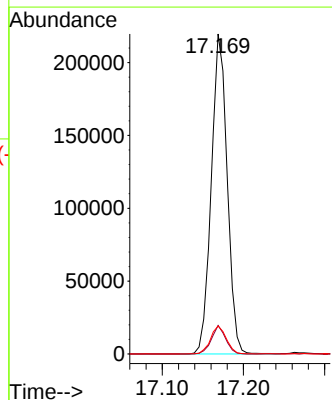
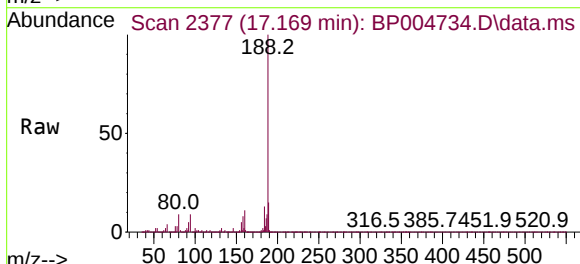
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ClientSampleId :
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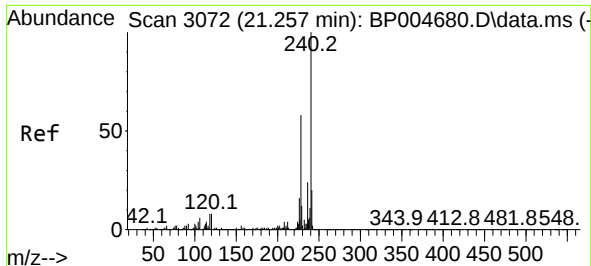
Tgt Ion:163 Resp: 33297
Ion Ratio Lower Upper
163 100
194 5.5 3.3 4.9#
164 10.0 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.169 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

Tgt Ion:188 Resp: 298218
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 8.7 6.2 9.2



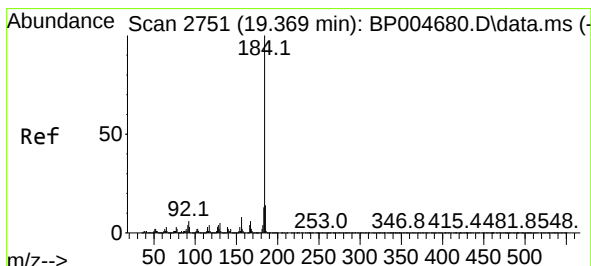
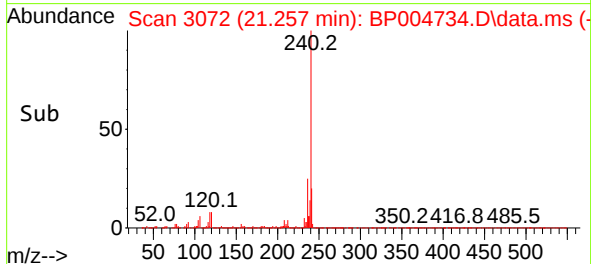
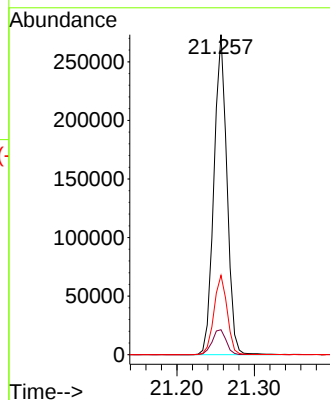
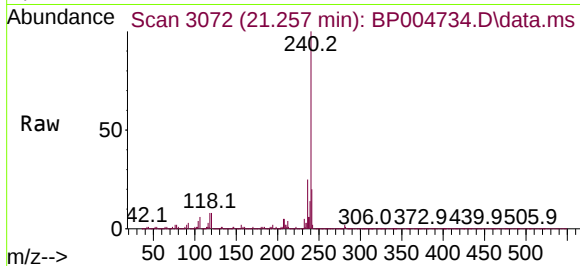


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.257 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

Instrument :
BNA_P
ClientSampleId :
R-LA-3-1-WC

Tgt Ion:240 Resp: 318691

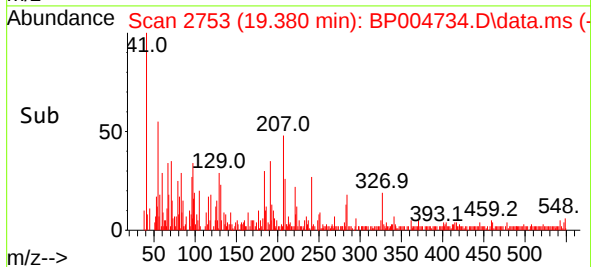
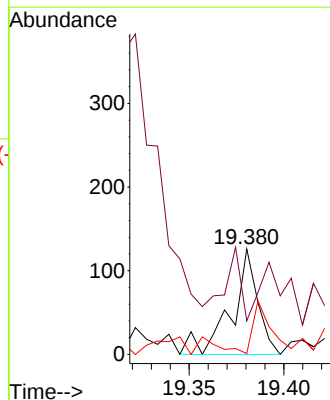
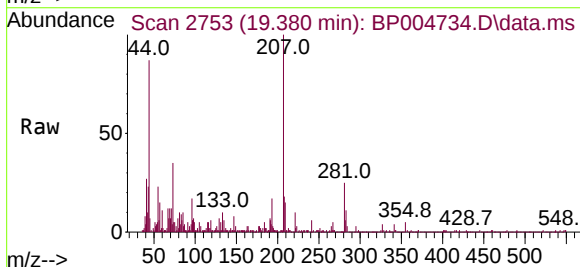
Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.8	11.6
236	24.8	20.8	31.2

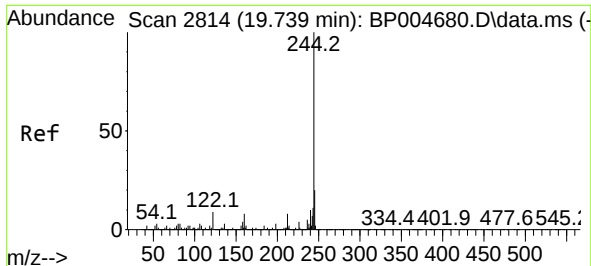


#77
Benzidine
Concen: 2.16 ng
RT: 19.380 min Scan# 2753
Delta R.T. 0.011 min
Lab File: BP004734.D
Acq: 12 Feb 2021 17:31

Tgt Ion:184 Resp: 122

Ion	Ratio	Lower	Upper
184	100		
185	31.7	11.5	17.3#
183	0.8	9.6	14.4#

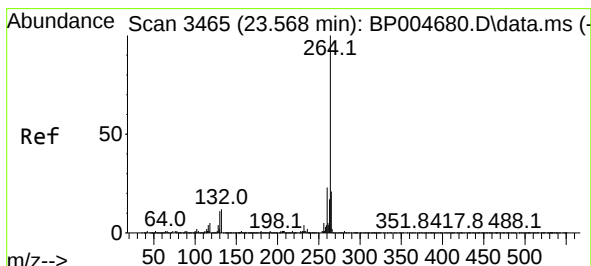
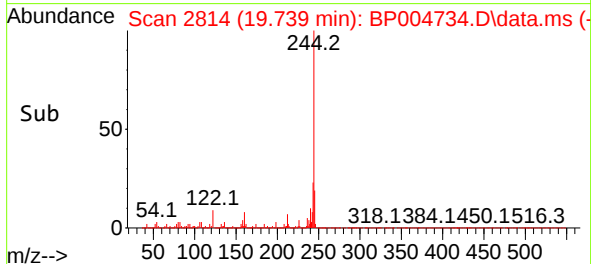
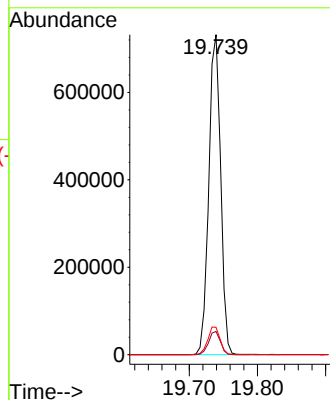
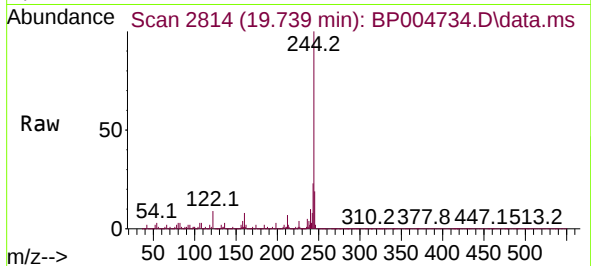




#79
 Terphenyl-d14
 Concen: 46.66 ng
 RT: 19.739 min Scan# 2814
 Delta R.T. -0.000 min
 Lab File: BP004734.D
 Acq: 12 Feb 2021 17:31

Instrument :
 BNA_P
 ClientSampleId :
 R-LA-3-1-WC

Tgt Ion:244 Resp: 885230
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 8.6 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: BP004734.D
 Acq: 12 Feb 2021 17:31

Tgt Ion:264 Resp: 320738
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 22.2 17.4 26.2

