

Data File : BP001671.D
Acq On : 21 Jan 2020 16:06
Operator : CG/JU
Sample : L1014-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-011720

Quant Time: Jan 22 03:33:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

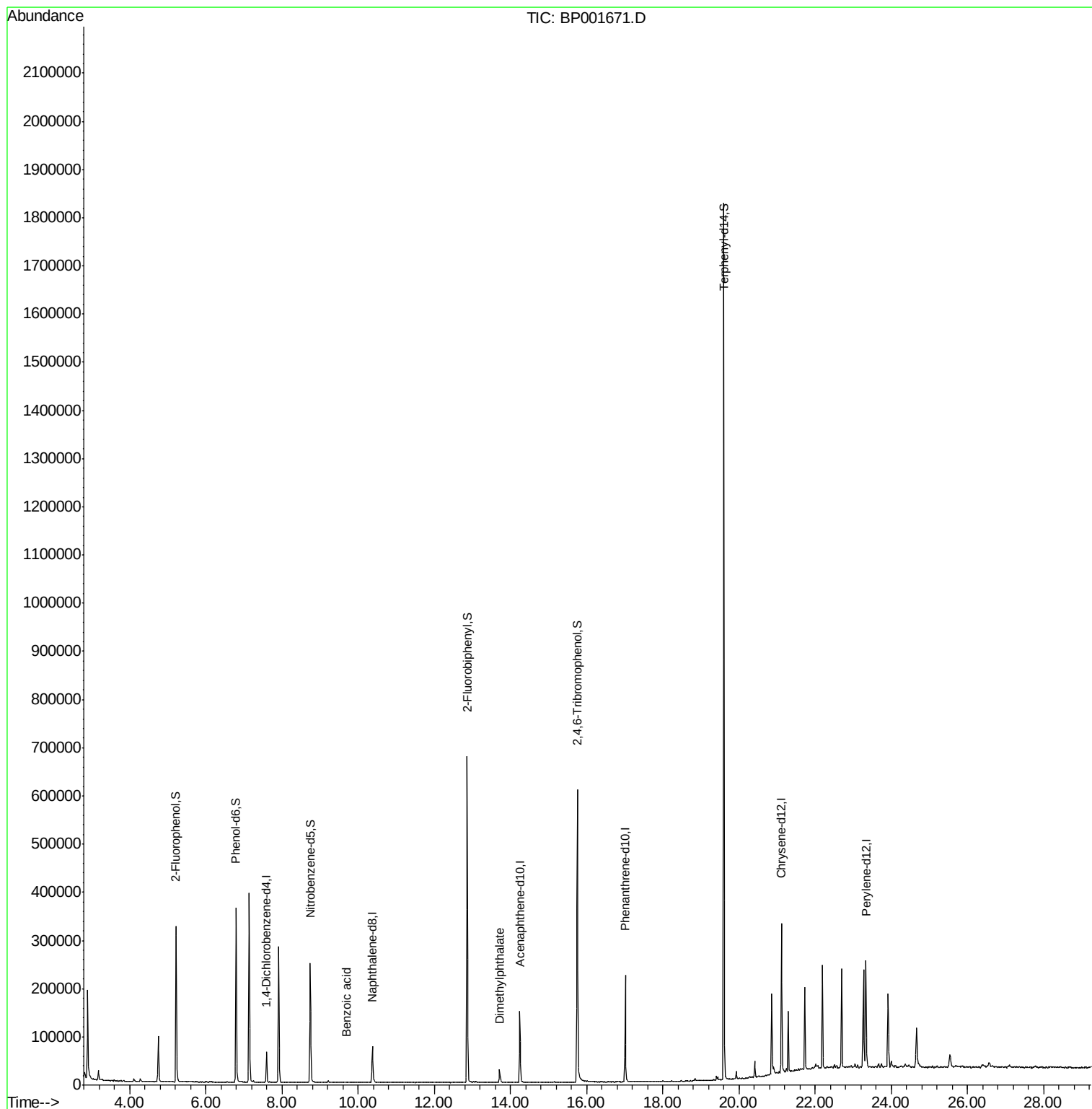
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	13632	20.00	ng	-0.05
21) Naphthalene-d8	10.37	136	57474	20.00	ng	-0.05
39) Acenaphthene-d10	14.25	164	46890	20.00	ng	-0.04
64) Phenanthrene-d10	17.01	188	129849	20.00	ng	-0.04
76) Chrysene-d12	21.12	240	142916	20.00	ng	-0.04
87) Perylene-d12	23.33	264	158155	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	111197	159.79	ng	-0.05
7) Phenol-d6	6.79	99	157901	141.97	ng	-0.04
23) Nitrobenzene-d5	8.74	82	128874	97.98	ng	-0.05
42) 2,4,6-Tribromophenol	15.75	330	99568	139.50	ng	-0.04
45) 2-Fluorobiphenyl	12.86	172	314999	98.77	ng	-0.04
79) Terphenyl-d14	19.60	244	794382	101.66	ng	-0.04
Target Compounds						
32) Benzoic acid	9.69	122	23	4.734	ng	86
50) Dimethylphthalate	13.71	163	20021	5.184	ng	99

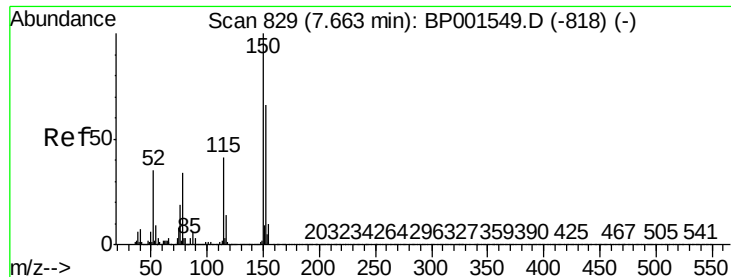
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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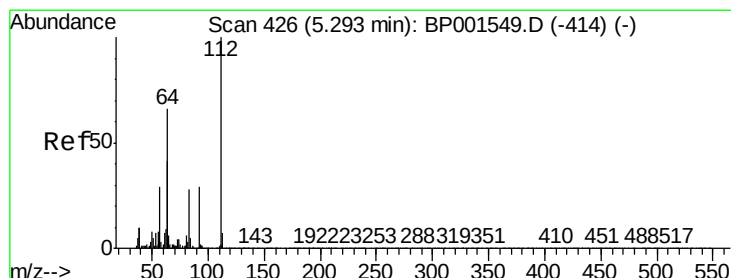
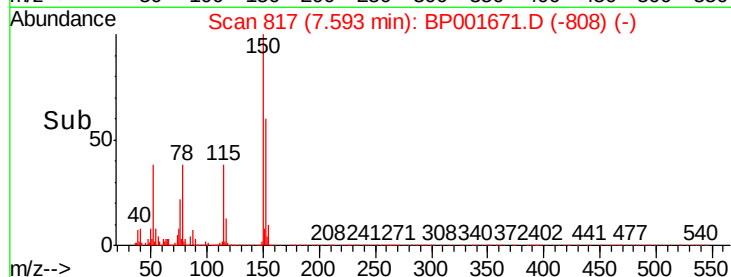
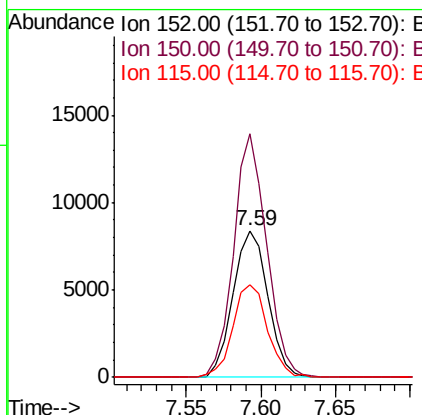
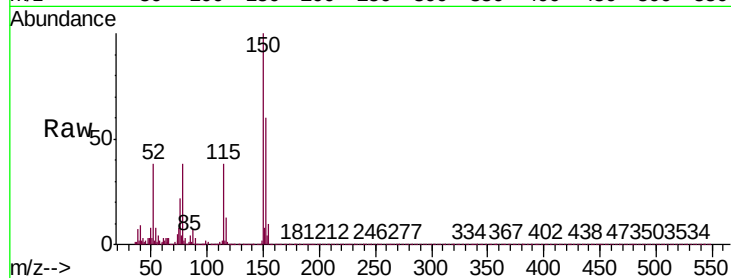




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.59 min Scan# 817
 Delta R.T. -0.05 min
 Lab File: BP001671.D
 Acq: 21 Jan 2020 16:06

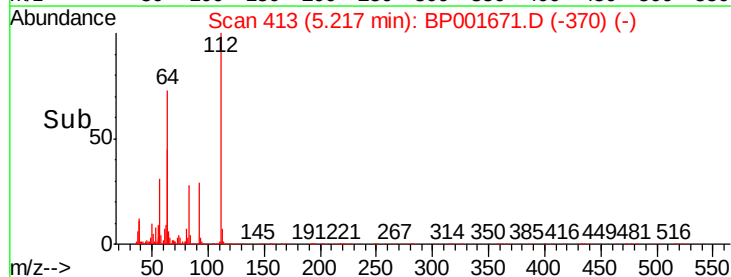
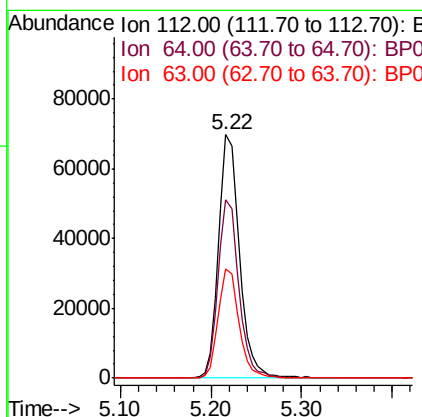
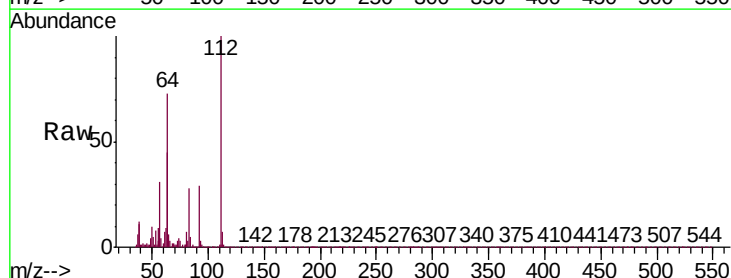
Instrument :
 BNA_P
 ClientSampleId :
 OR-02-011720

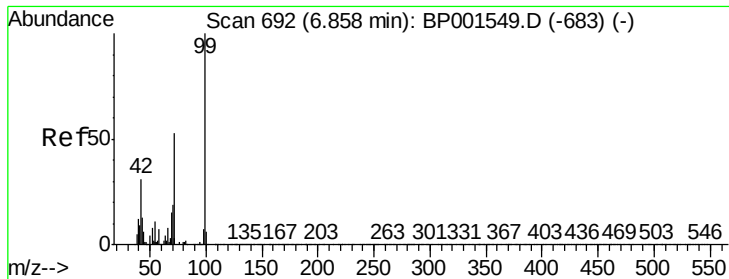
Tgt Ion:152 Resp: 13632
 Ion Ratio Lower Upper
 152 100
 150 166.3 122.0 183.0
 115 63.5 50.7 76.1



#5
 2-Fluorophenol
 Concen: 159.789 ng
 RT: 5.22 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BP001671.D
 Acq: 21 Jan 2020 16:06

Tgt Ion:112 Resp: 111197
 Ion Ratio Lower Upper
 112 100
 64 73.3 52.8 79.2
 63 45.1 33.1 49.7





#7

Phenol-d6

Concen: 141.974 ng

RT: 6.79 min Scan# 681

Delta R.T. -0.04 min

Lab File: BP001671.D

Acq: 21 Jan 2020 16:06

Instrument :

BNA_P

ClientSampleId :

OR-02-011720

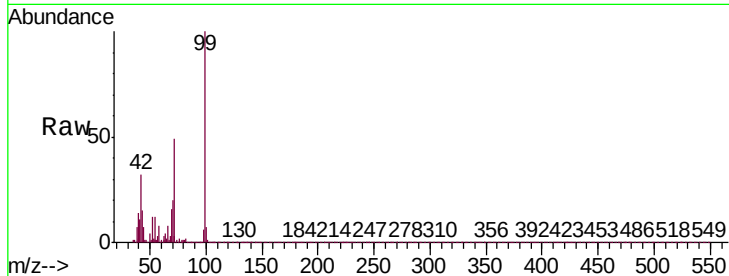
Tgt Ion: 99 Resp: 157901

Ion Ratio Lower Upper

99 100

42 32.4 24.5 36.7

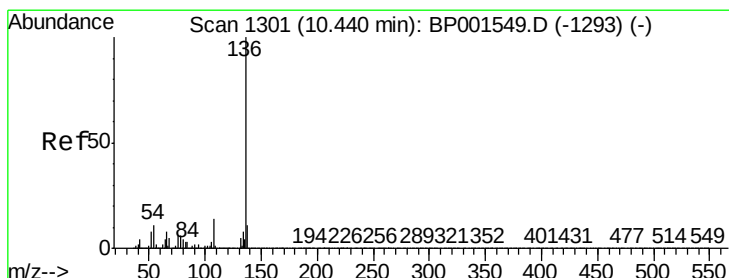
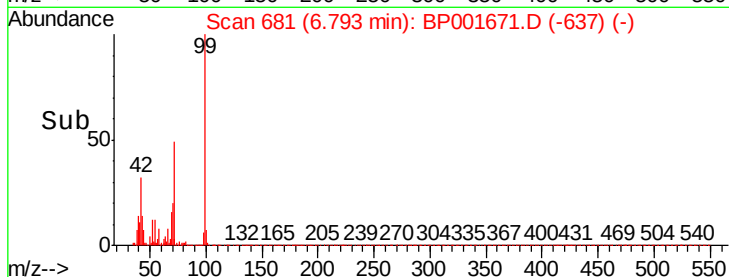
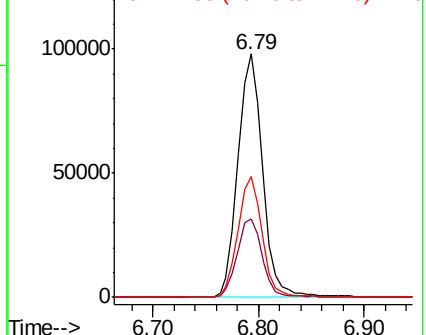
71 49.4 42.4 63.6



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BP001671.D

Acq: 21 Jan 2020 16:06

Tgt Ion: 136 Resp: 57474

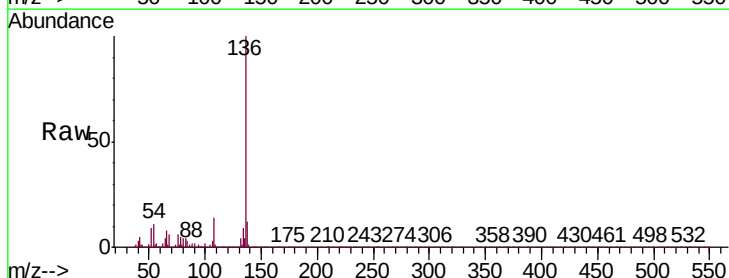
Ion Ratio Lower Upper

136 100

137 11.9 8.6 12.8

54 11.3 9.2 13.8

68 6.4 4.1 6.1#

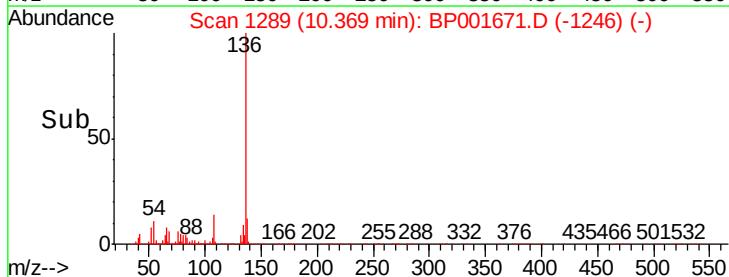
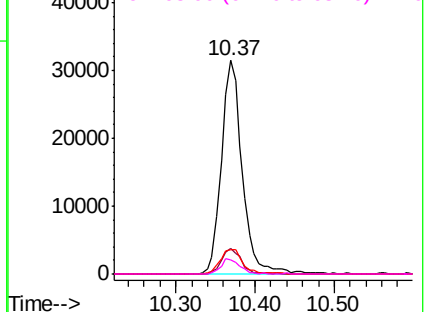


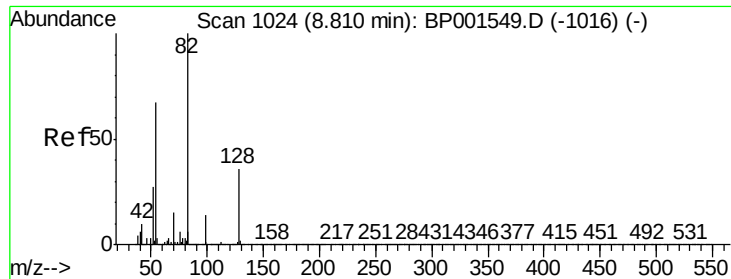
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

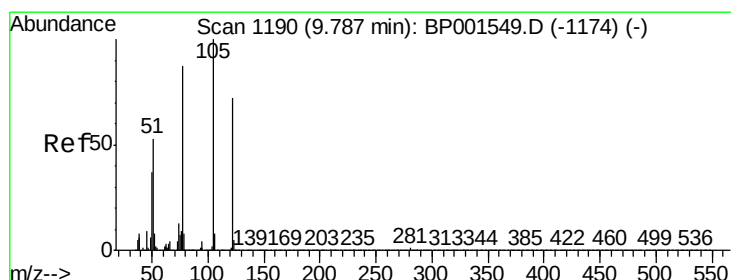
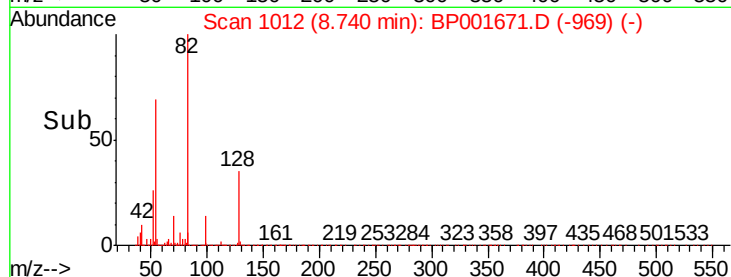
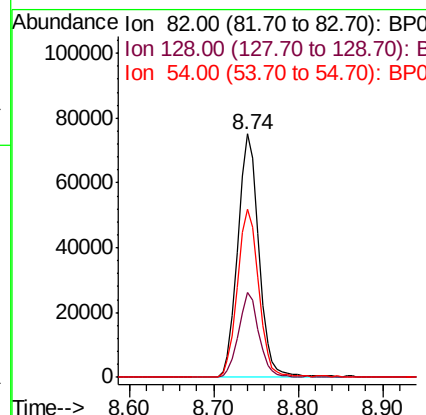
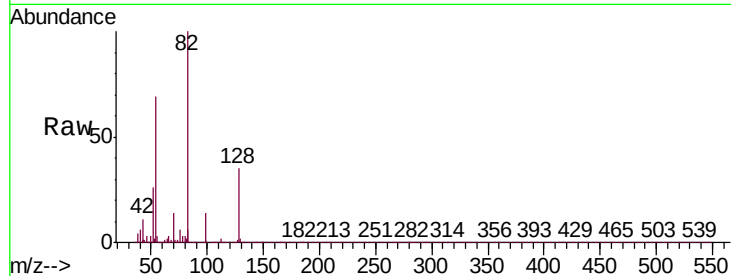




#23
 Nitrobenzene-d5
 Concen: 97.983 ng
 RT: 8.74 min Scan# 1012
 Delta R.T. -0.05 min
 Lab File: BP001671.D
 Acq: 21 Jan 2020 16:06

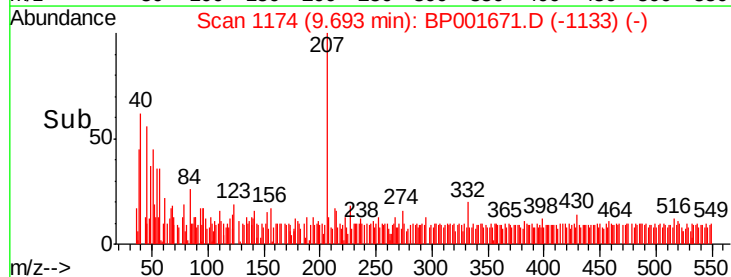
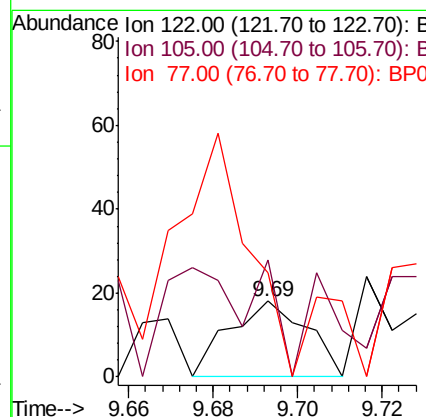
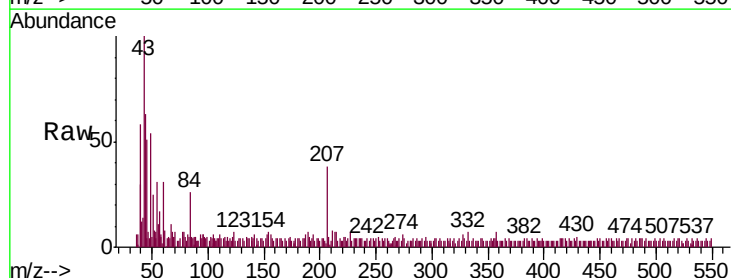
Instrument :
 BNA_P
 ClientSampleId :
 OR-02-011720

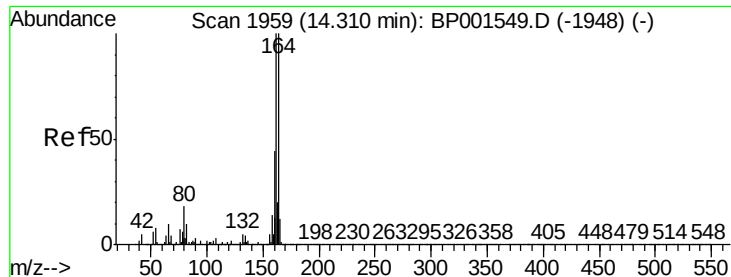
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.4	42.6
54	69.3	53.4	80.2



#32
 Benzoic acid
 Concen: 4.734 ng
 RT: 9.69 min Scan# 1174
 Delta R.T. -0.06 min
 Lab File: BP001671.D
 Acq: 21 Jan 2020 16:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	155.6	119.5	159.5
77	138.9	102.8	142.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1948

Delta R.T. -0.04 min

Lab File: BP001671.D

Acq: 21 Jan 2020 16:06

Instrument :

BNA_P

ClientSampleId :

OR-02-011720

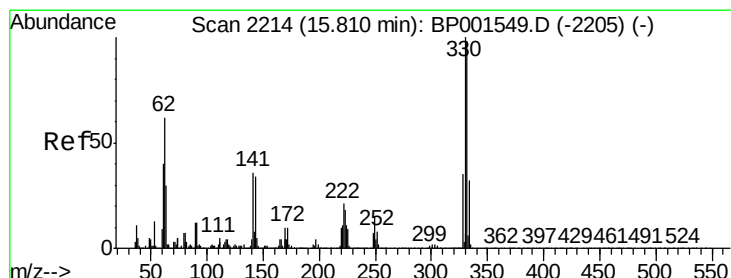
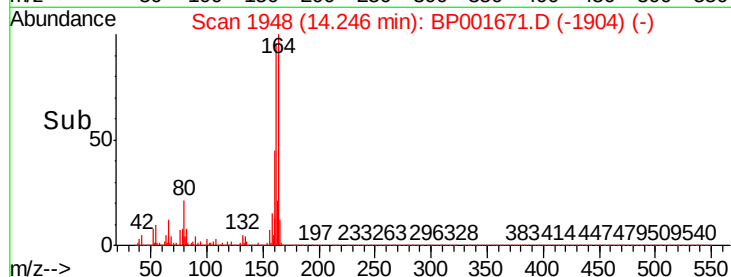
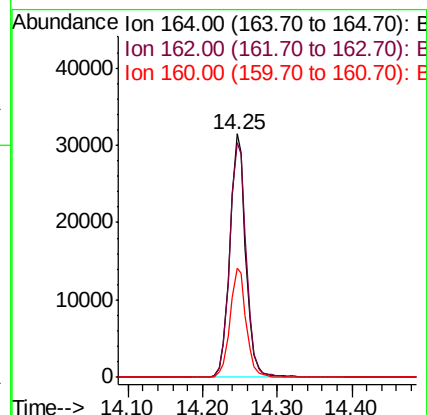
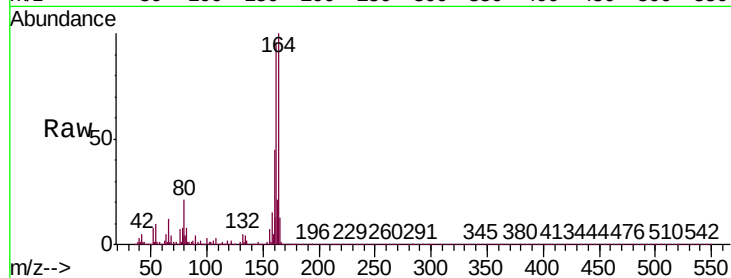
Tgt Ion:164 Resp: 46890

Ion Ratio Lower Upper

164 100

162 96.5 79.8 119.6

160 44.6 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 139.498 ng

RT: 15.75 min Scan# 2204

Delta R.T. -0.04 min

Lab File: BP001671.D

Acq: 21 Jan 2020 16:06

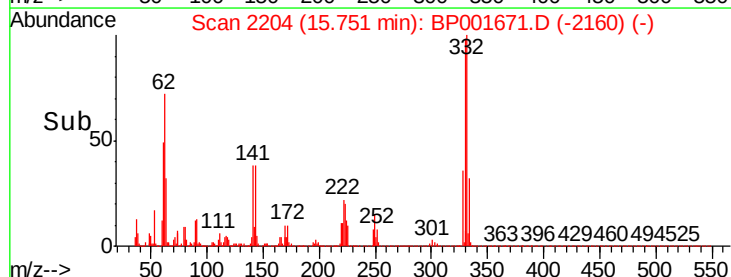
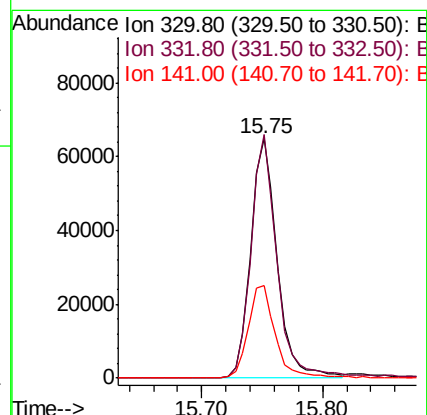
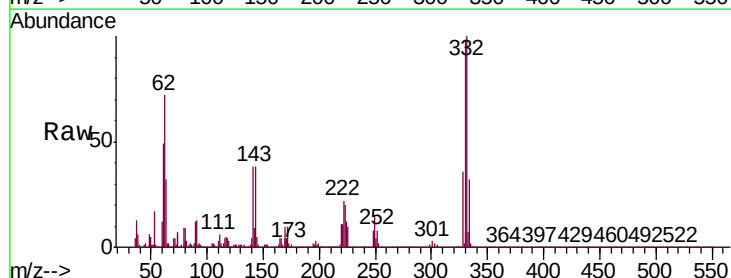
Tgt Ion:330 Resp: 99568

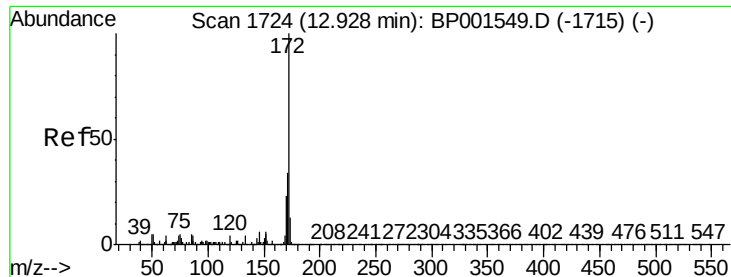
Ion Ratio Lower Upper

330 100

332 100.1 77.8 116.6

141 39.6 28.7 43.1

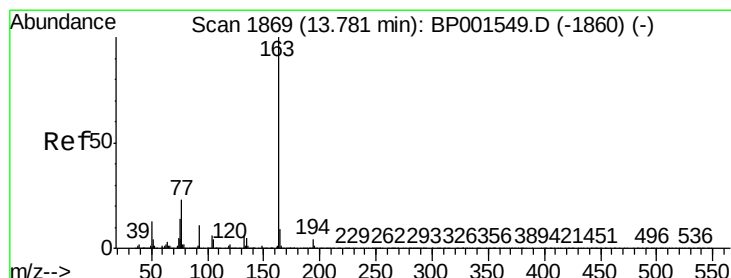
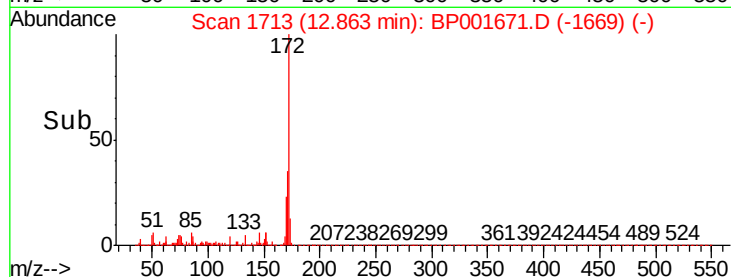
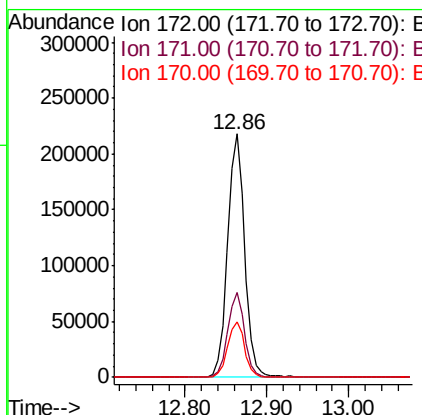
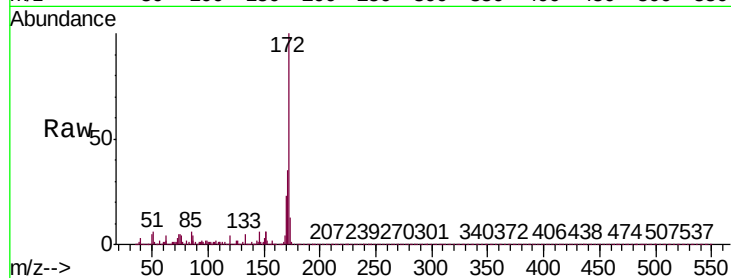




#45
2-Fluorobiphenyl
Concen: 98.771 ng
RT: 12.86 min Scan# 1713
Delta R.T. -0.04 min
Lab File: BP001671.D
Acq: 21 Jan 2020 16:06

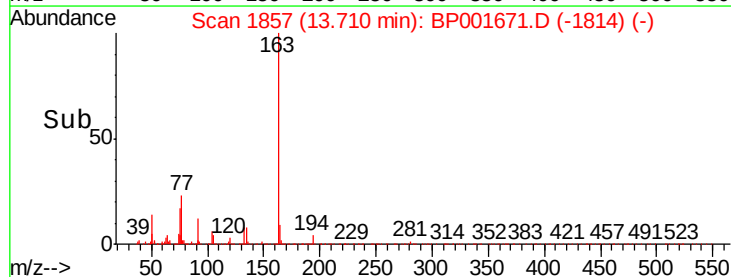
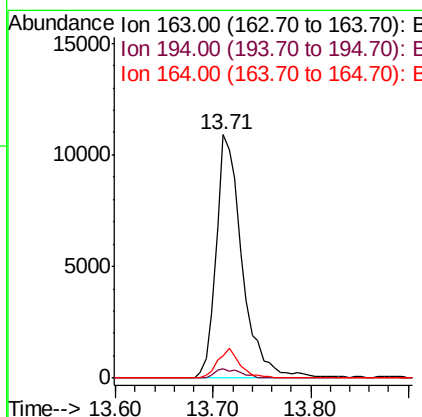
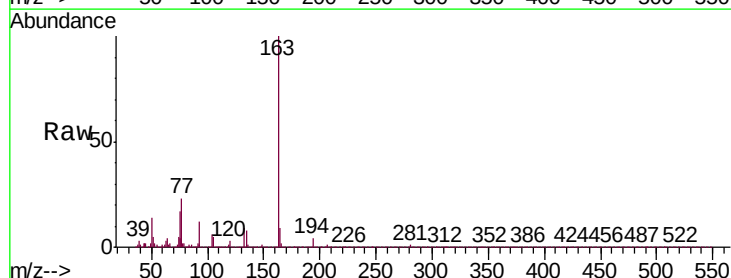
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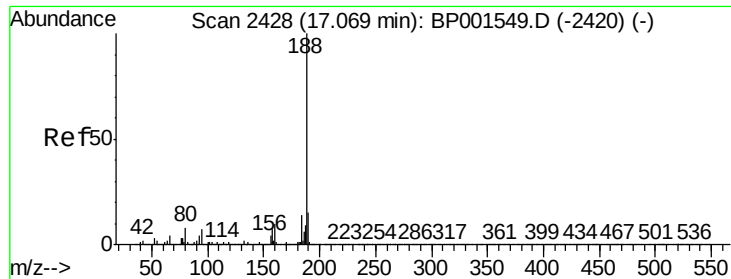
Tgt Ion:172 Resp: 314999
Ion Ratio Lower Upper
172 100
171 34.6 27.6 41.4
170 22.9 18.3 27.5



#50
Dimethylphthalate
Concen: 5.184 ng
RT: 13.71 min Scan# 1857
Delta R.T. -0.05 min
Lab File: BP001671.D
Acq: 21 Jan 2020 16:06

Tgt Ion:163 Resp: 20021
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 9.3 7.5 11.3

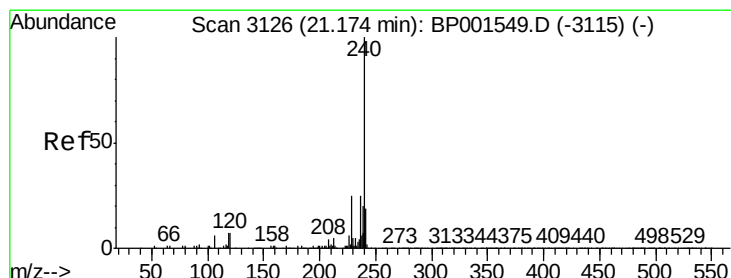
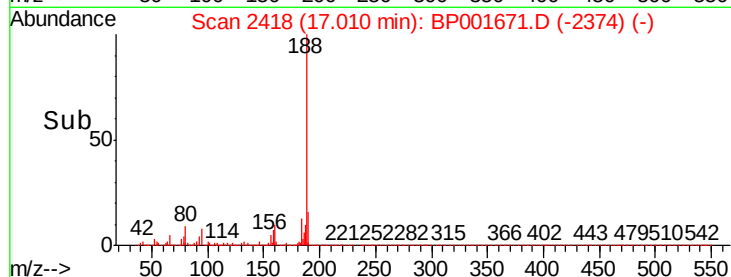
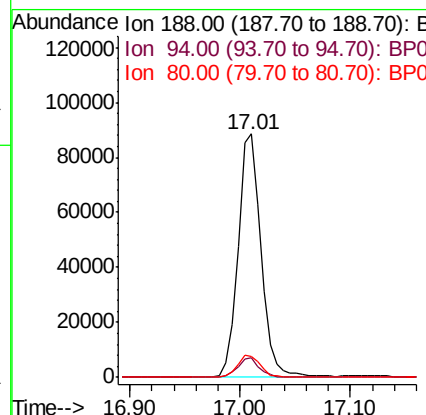
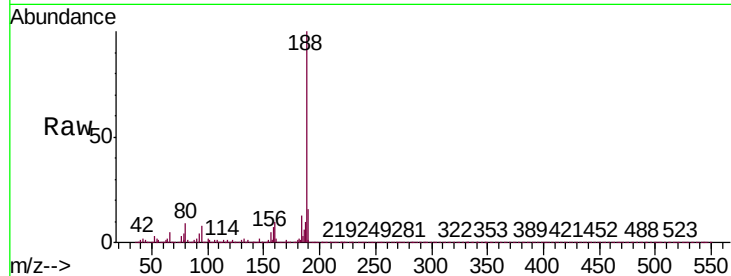




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2418
Delta R.T. -0.04 min
Lab File: BP001671.D
Acq: 21 Jan 2020 16:06

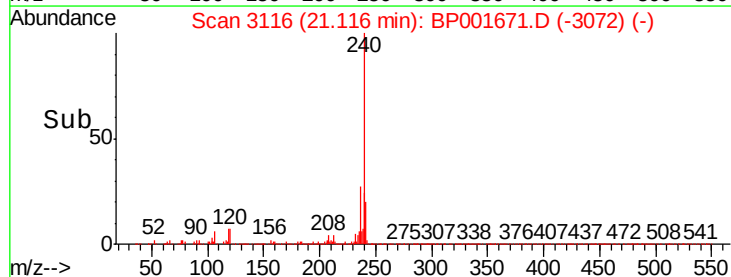
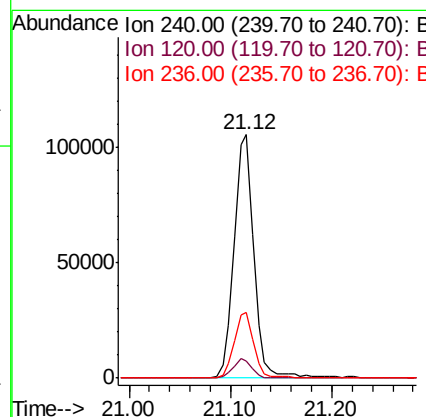
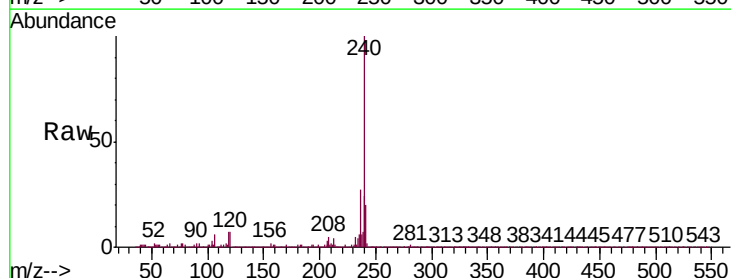
Instrument :
BNA_P
ClientSampleId :
OR-02-011720

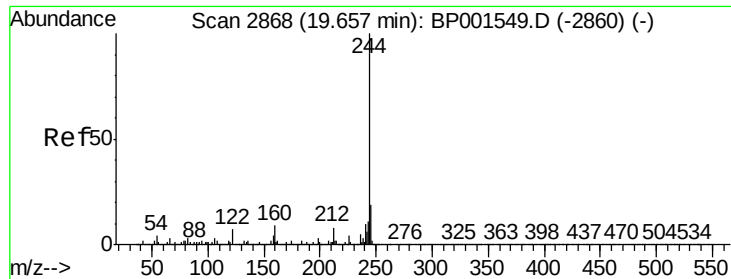
Tgt Ion:188 Resp: 129849
Ion Ratio Lower Upper
188 100
94 7.8 5.9 8.9
80 8.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3116
Delta R.T. -0.04 min
Lab File: BP001671.D
Acq: 21 Jan 2020 16:06

Tgt Ion:240 Resp: 142916
Ion Ratio Lower Upper
240 100
120 6.9 5.7 8.5
236 26.9 20.4 30.6





#79

Terphenyl-d14

Concen: 101.665 ng

RT: 19.60 min Scan# 2858

Delta R.T. -0.04 min

Lab File: BP001671.D

Acq: 21 Jan 2020 16:06

Instrument :

BNA_P

ClientSampleId :

OR-02-011720

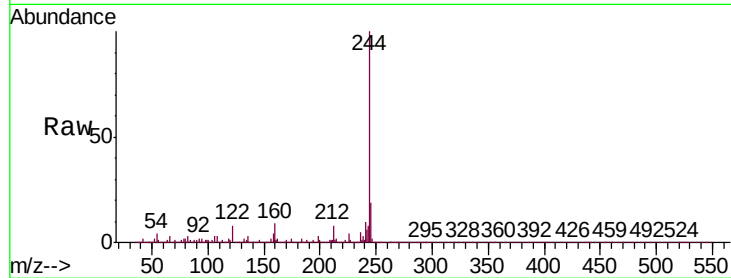
Tgt Ion:244 Resp: 794382

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 8.0 5.8 8.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

800000

600000

400000

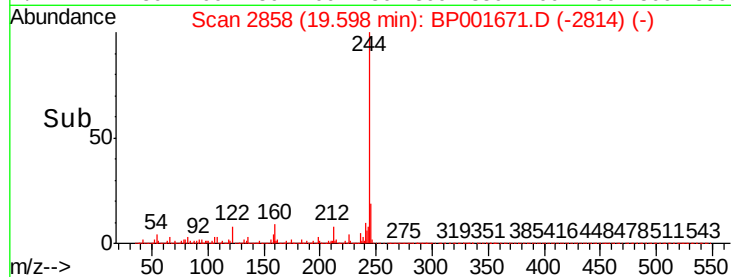
200000

0

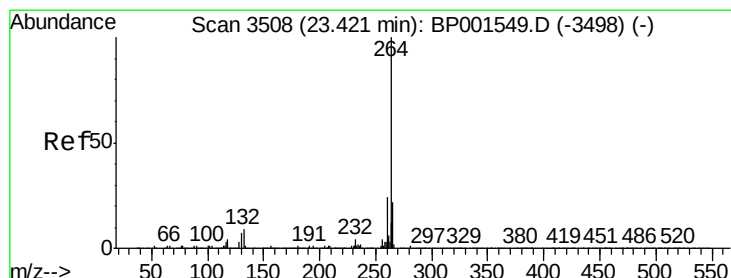
19.50

19.60

19.70



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3492

Delta R.T. -0.06 min

Lab File: BP001671.D

Acq: 21 Jan 2020 16:06

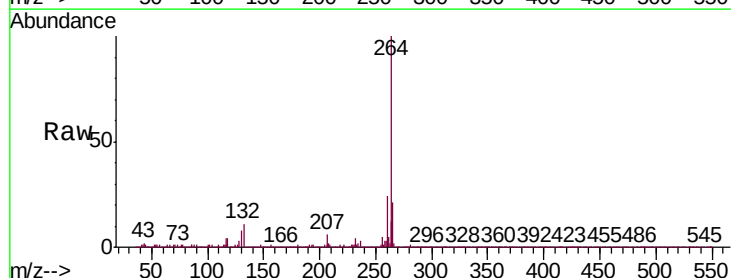
Tgt Ion:264 Resp: 158155

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.1 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

100000

80000

60000

40000

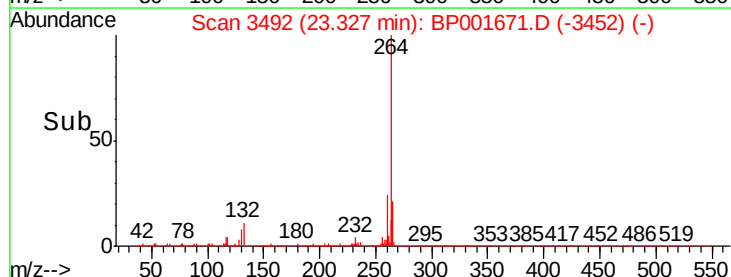
20000

0

23.20

23.30

23.40



Time-->