

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002609.D
 Acq On : 01 Jul 2020 17:57
 Operator : CG/JU
 Sample : L3155-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-D19

Quant Time: Jul 02 07:49:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

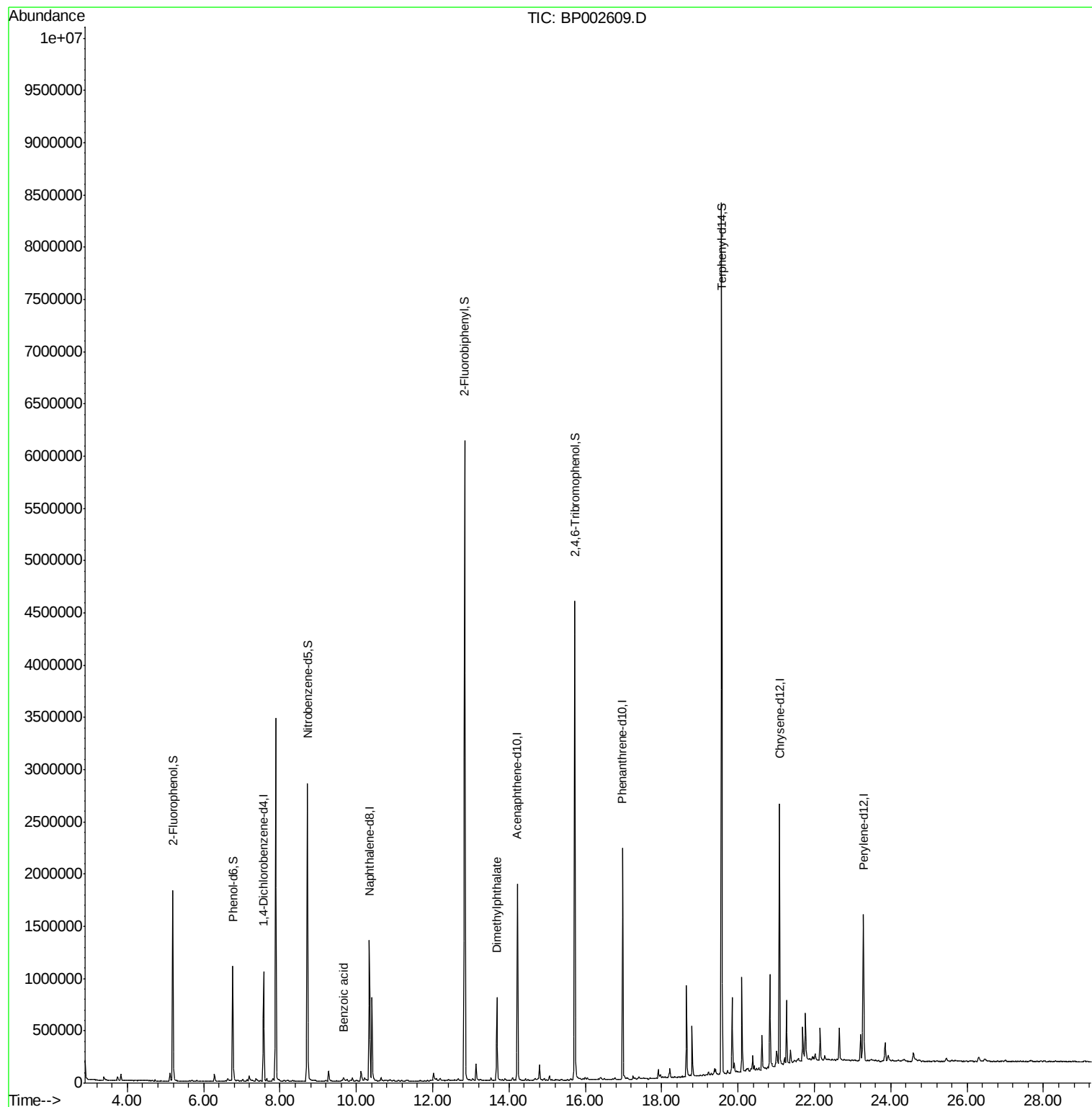
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	281887	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1089077	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	644734	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1323184	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1101782	20.00	ng	0.00
86) Perylene-d12	23.28	264	953328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	821084	49.32	ng	0.00
7) Phenol-d6	6.76	99	671382	28.89	ng	0.00
23) Nitrobenzene-d5	8.72	82	1664211	78.74	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	882020	112.48	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3423353	78.15	ng	0.00
79) Terphenyl-d14	19.57	244	4266922	83.59	ng	0.00
Target Compounds						
32) Benzoic acid	9.66	122	5005	9.037	ng	Qvalue # 57
50) Dimethylphthalate	13.68	163	503481	9.943	ng	100

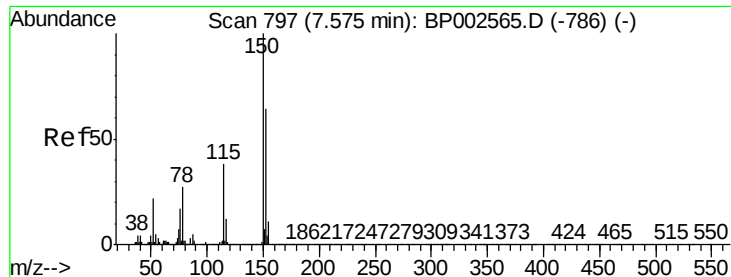
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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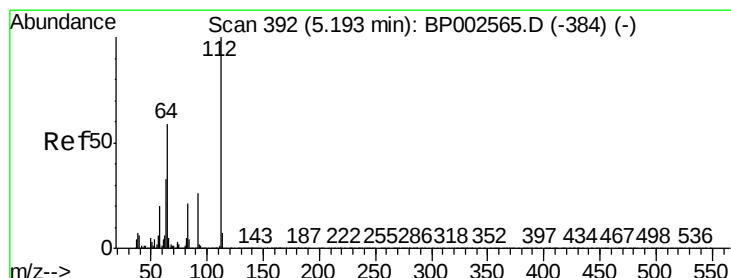
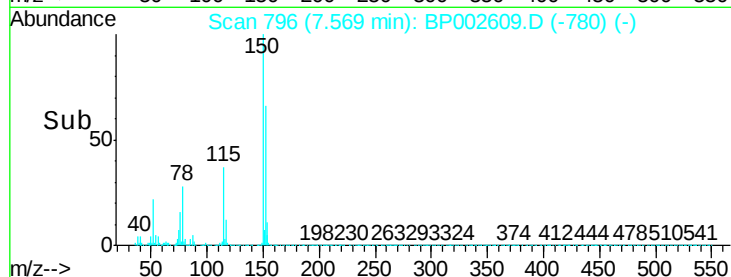
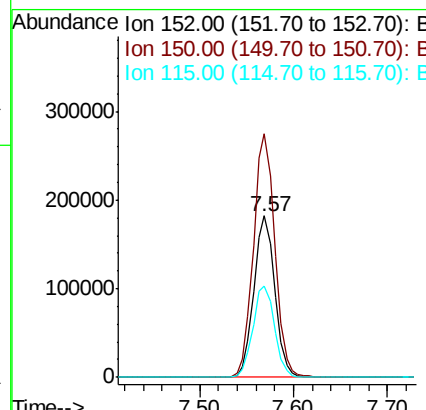
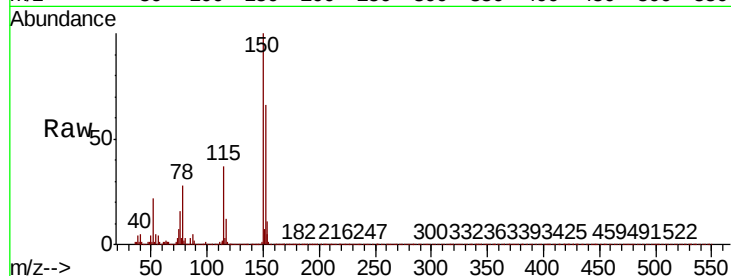


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
MH-D19

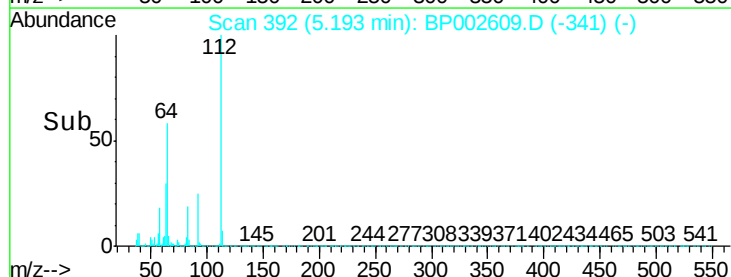
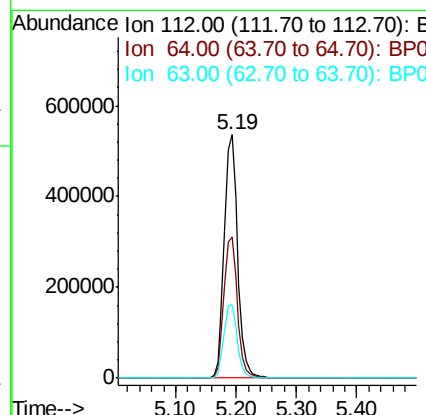
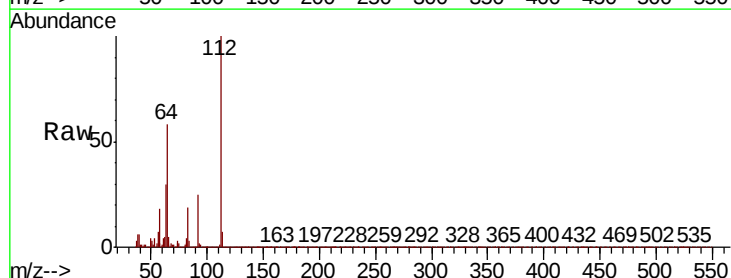
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.2	186.2
115	56.6	47.1	70.7

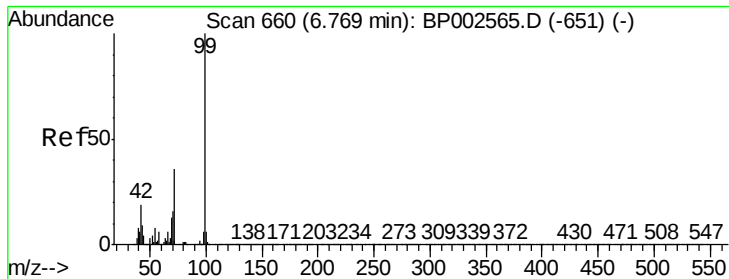


#5

2-Fluorophenol
Concen: 49.317 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.0	70.6
63	30.1	26.1	39.1





#7

Phenol-d6

Concen: 28.892 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

Instrument :

BNA_P

ClientSampled :

MH-D19

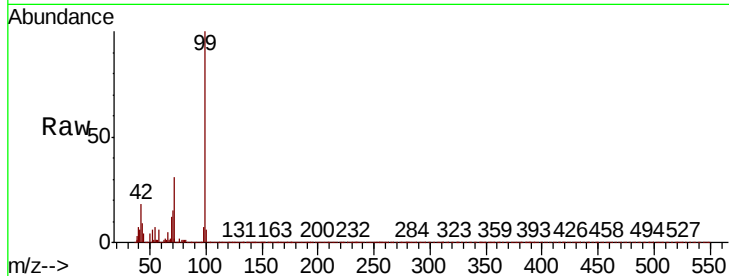
Tot Ion: 99 Resp: 671382

Ion Ratio Lower Upper

99 100

42 17.5 15.5 23.3

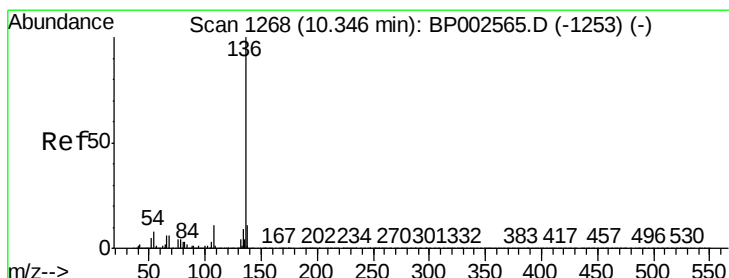
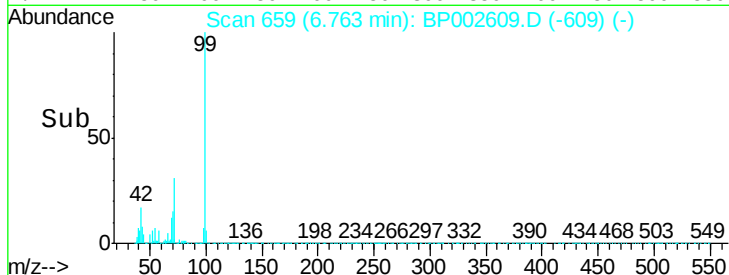
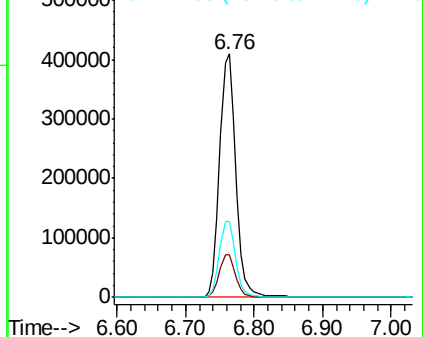
71 30.9 28.9 43.3



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: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

Tgt Ion: 136 Resp: 1089077

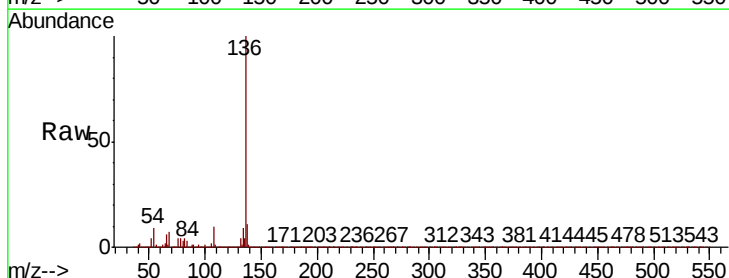
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.7 6.4 9.6

68 7.1 5.1 7.7

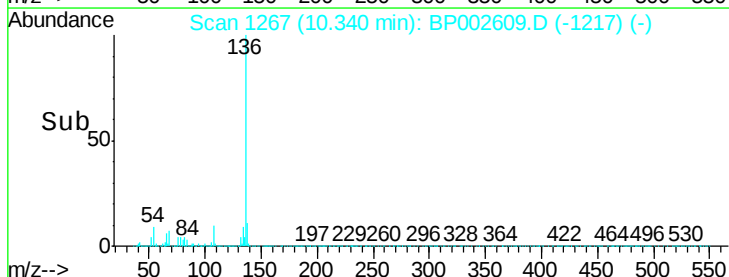
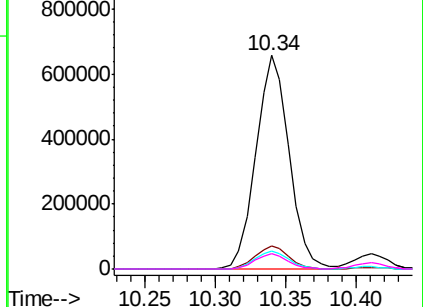


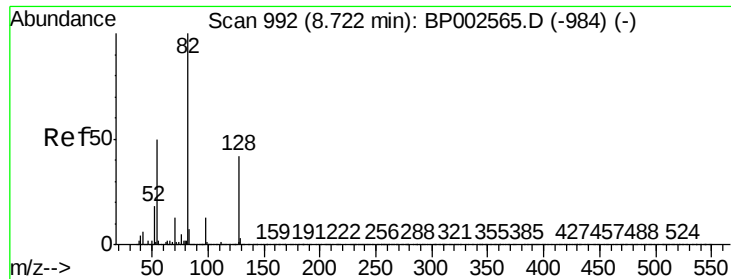
Abundance Ion 136.00 (135.70 to 136.70): E

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

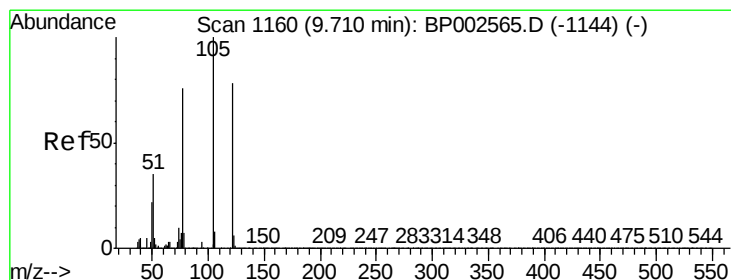
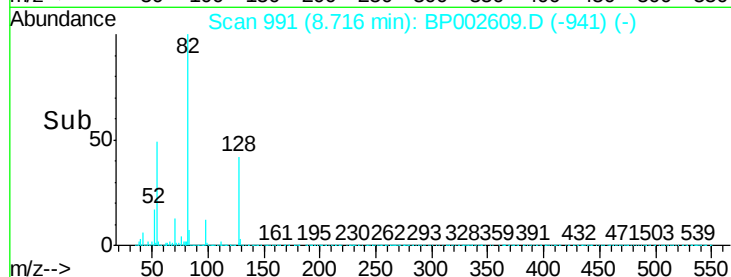
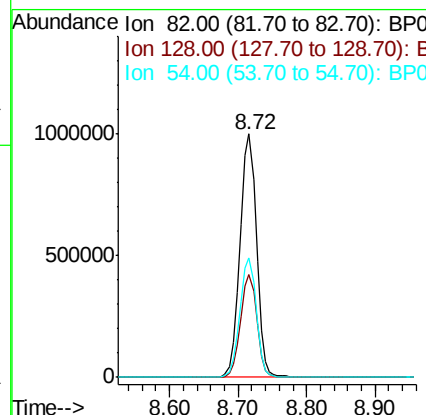
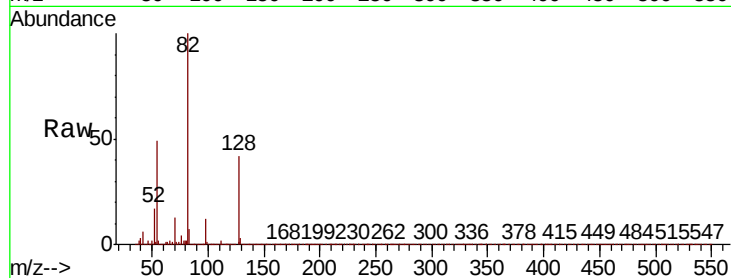




#23
Nitrobenzene-d5
Concen: 78.735 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

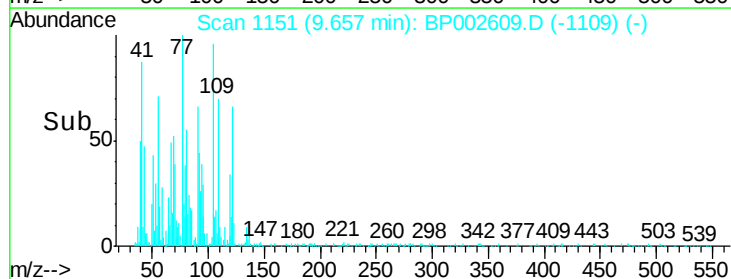
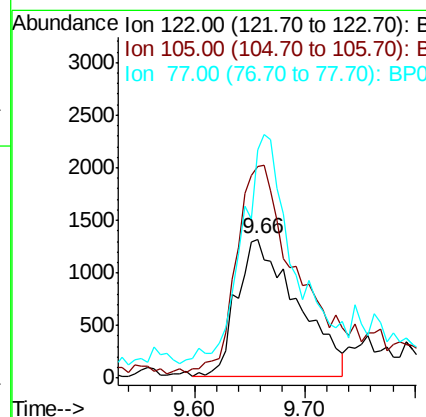
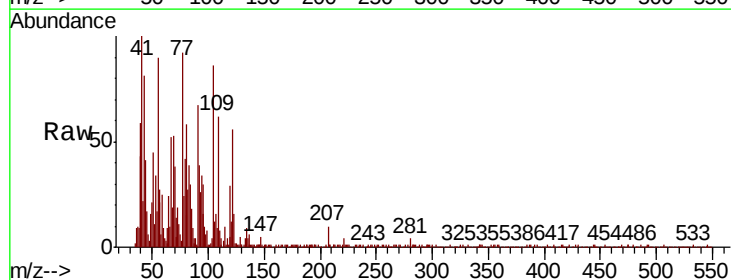
Instrument :
BNA_P
ClientSampled :
MH-D19

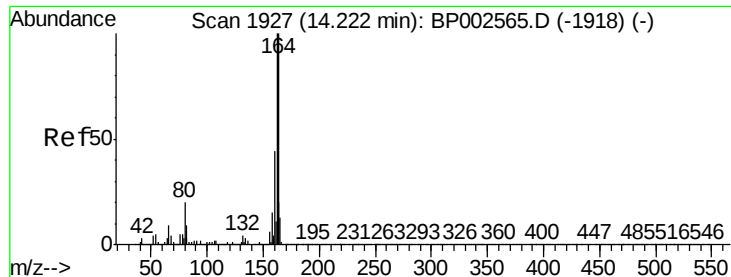
Tot Ion: 82 Resp: 1664211
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.2
54 49.0 40.1 60.1



#32
Benzoic acid
Concen: 9.037 ng
RT: 9.66 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion: 122 Resp: 5005
Ion Ratio Lower Upper
122 100
105 152.9 106.6 146.6#
77 164.1 76.5 116.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

Instrument :

BNA_P

ClientSampleId :

MH-D19

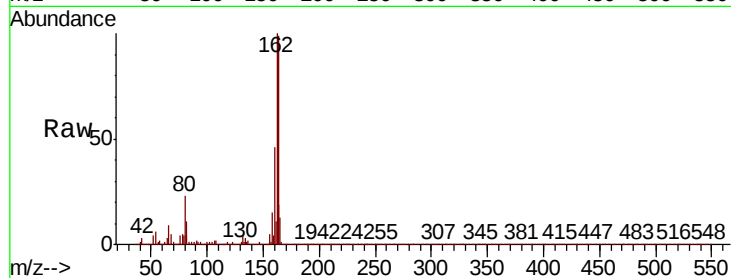
Tot Ion:164 Resp: 644734

Ion Ratio Lower Upper

164 100

162 100.7 80.3 120.5

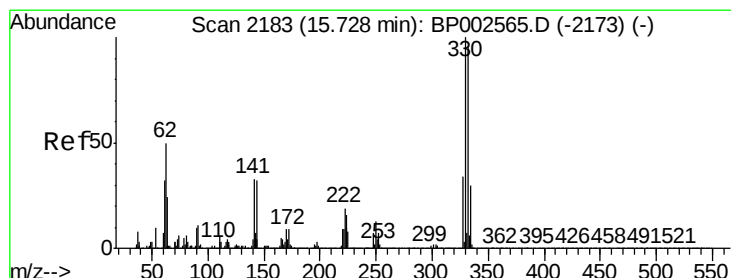
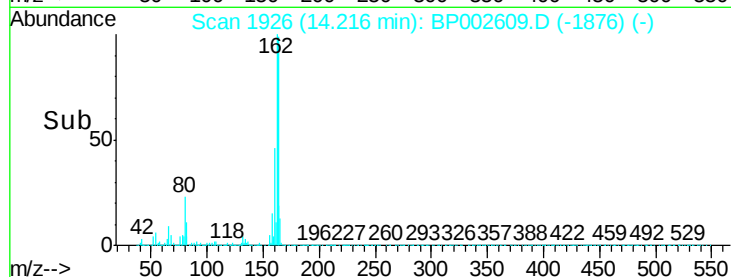
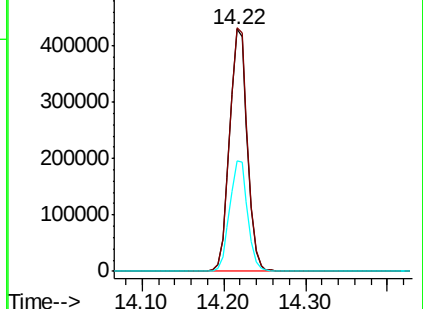
160 45.9 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 112.477 ng

RT: 15.72 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

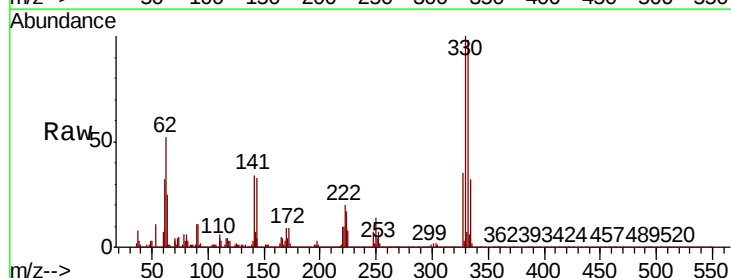
Tgt Ion:330 Resp: 882020

Ion Ratio Lower Upper

330 100

332 96.2 77.7 116.5

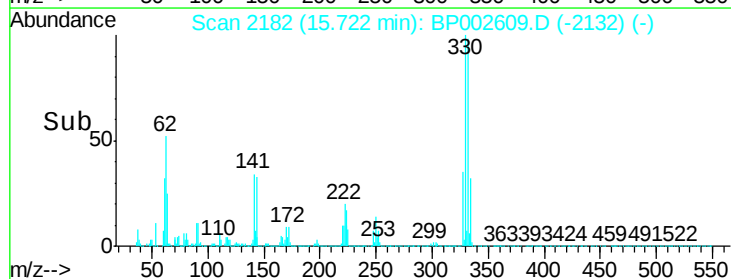
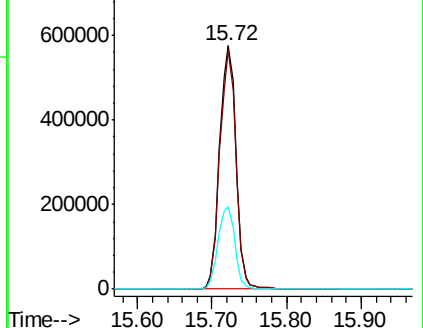
141 34.4 29.0 43.6

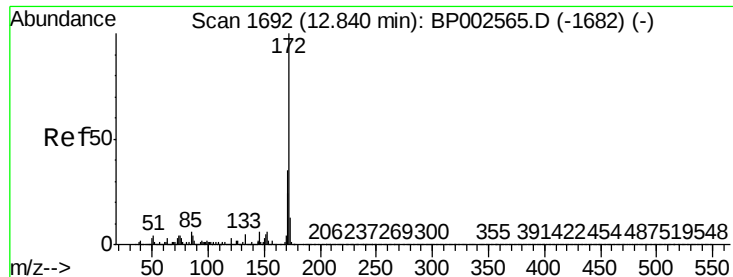


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

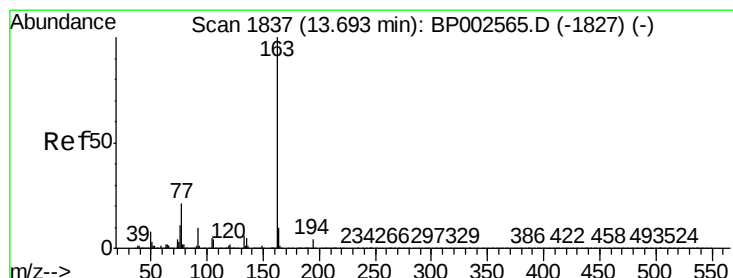
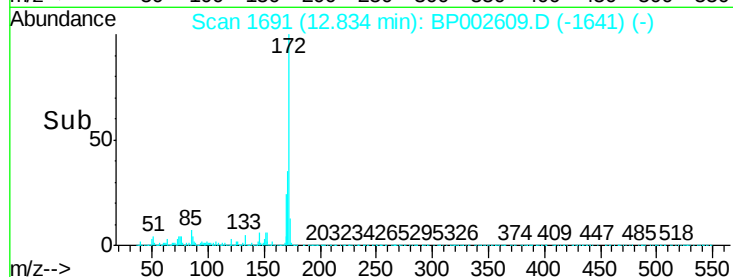
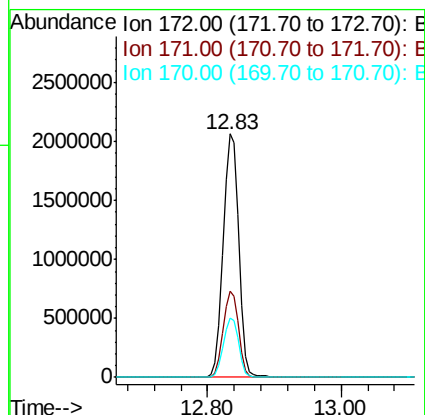
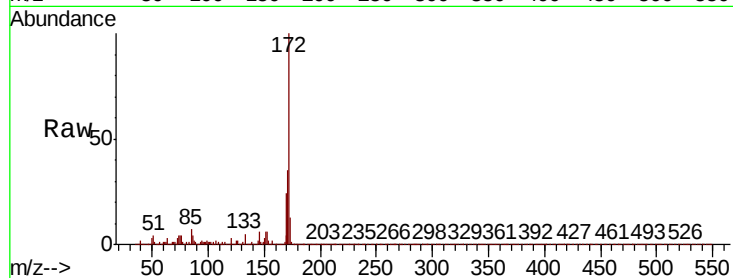




#45
2-Fluorobiphenyl
Concen: 78.150 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

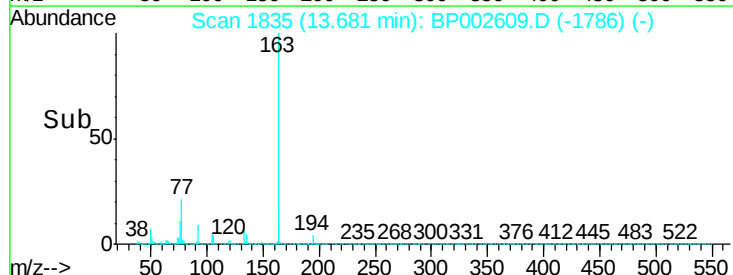
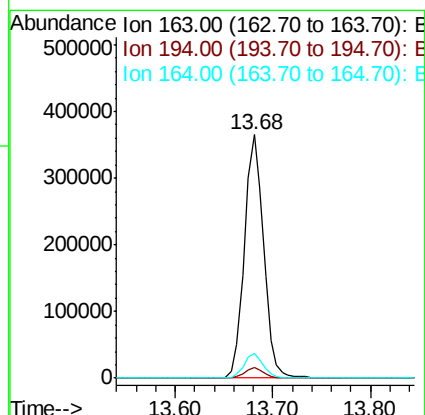
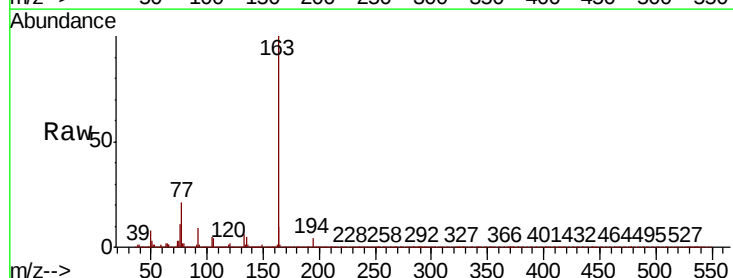
Instrument :
BNA_P
ClientSampled :
MH-D19

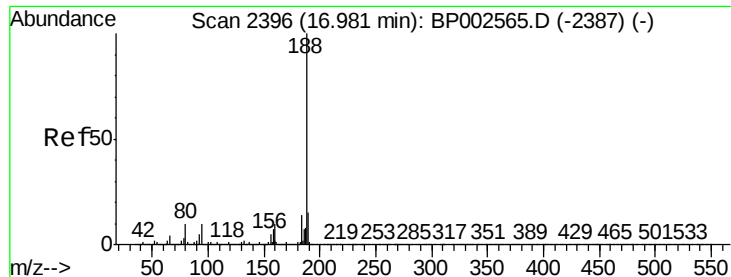
Tot Ion:172 Resp: 3423353
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 24.1 19.0 28.4



#50
Dimethylphthalate
Concen: 9.943 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion:163 Resp: 503481
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.1 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

Instrument :

BNA_P

ClientSampleId :

MH-D19

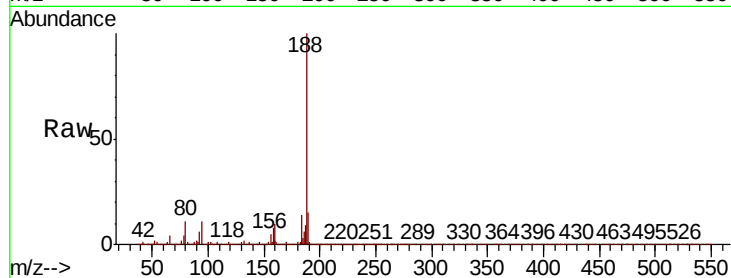
Tot Ion:188 Resp: 1323184

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.6

80 11.3 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

1200000

1000000

800000

600000

400000

200000

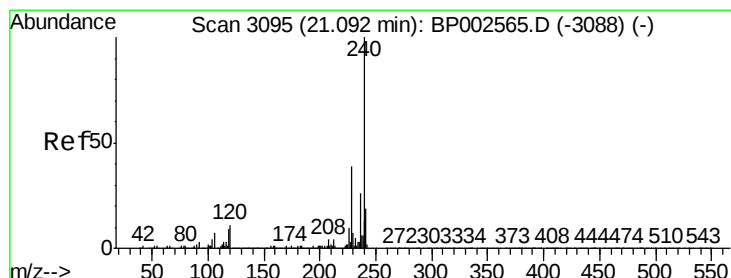
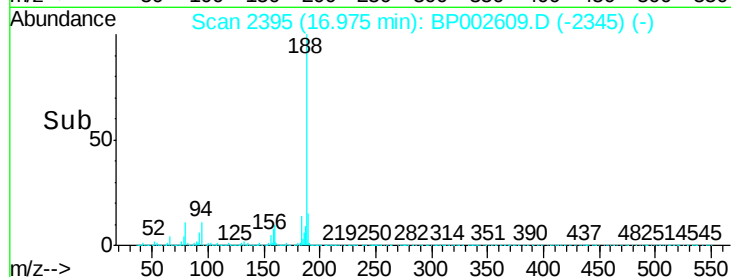
0

16.97

16.90

17.00

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

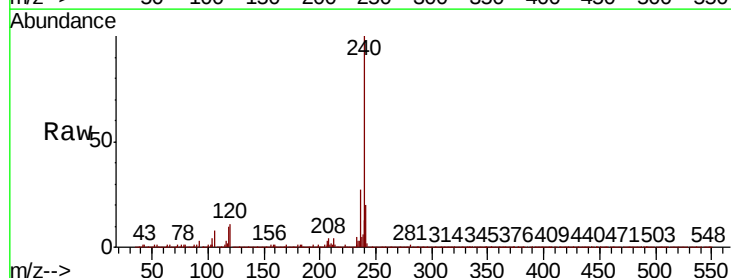
Tgt Ion:240 Resp: 1101782

Ion Ratio Lower Upper

240 100

120 11.0 8.6 13.0

236 27.4 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

1200000

1000000

800000

600000

400000

200000

0

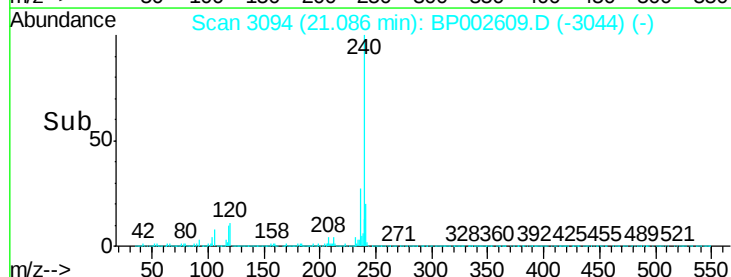
21.09

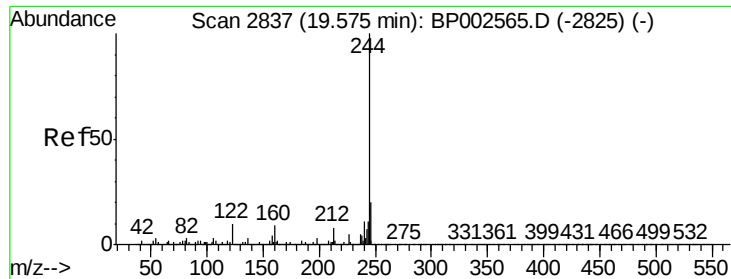
21.00

21.10

21.20

Time-->





#79

Terphenyl-d14

Concen: 83.593 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

Instrument :

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MH-D19

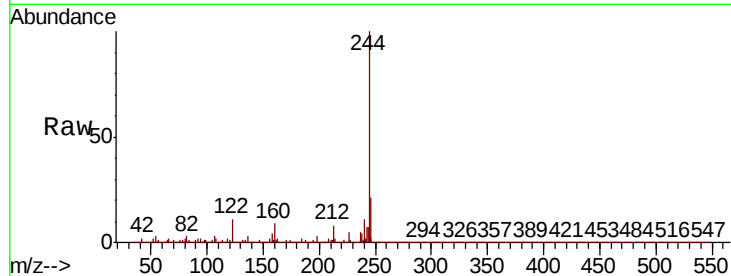
Tot Ion:244 Resp: 4266922

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 10.6 7.9 11.9

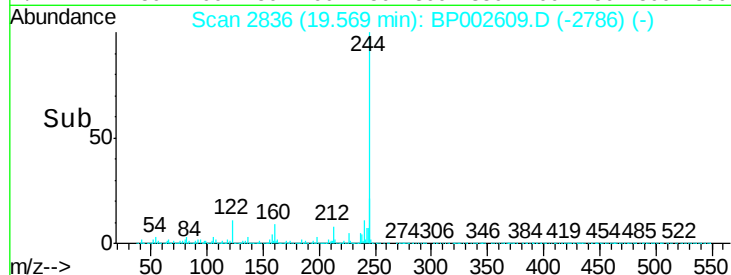


Abundance Ion 244.00 (243.70 to 244.70): E

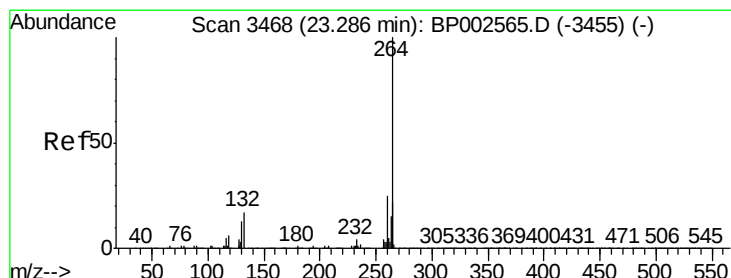
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.57



Time--> 19.40 19.60 19.80



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

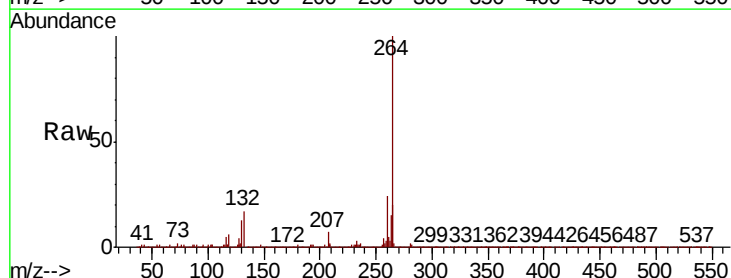
Tgt Ion:264 Resp: 953328

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 20.5 17.6 26.4

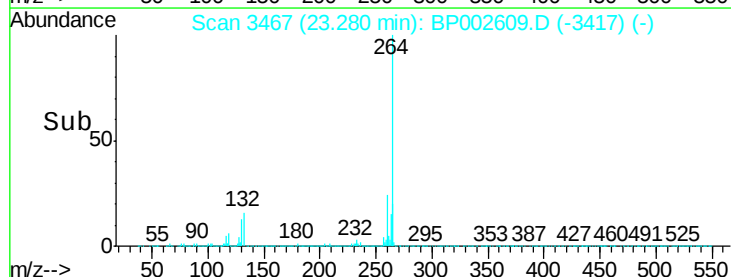


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.28



Time--> 23.20 23.40