

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120052.D
 Acq On : 17 Apr 2020 12:05
 Operator : MA/SJ
 Sample : L2255-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

Quant Time: Apr 17 13:06:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

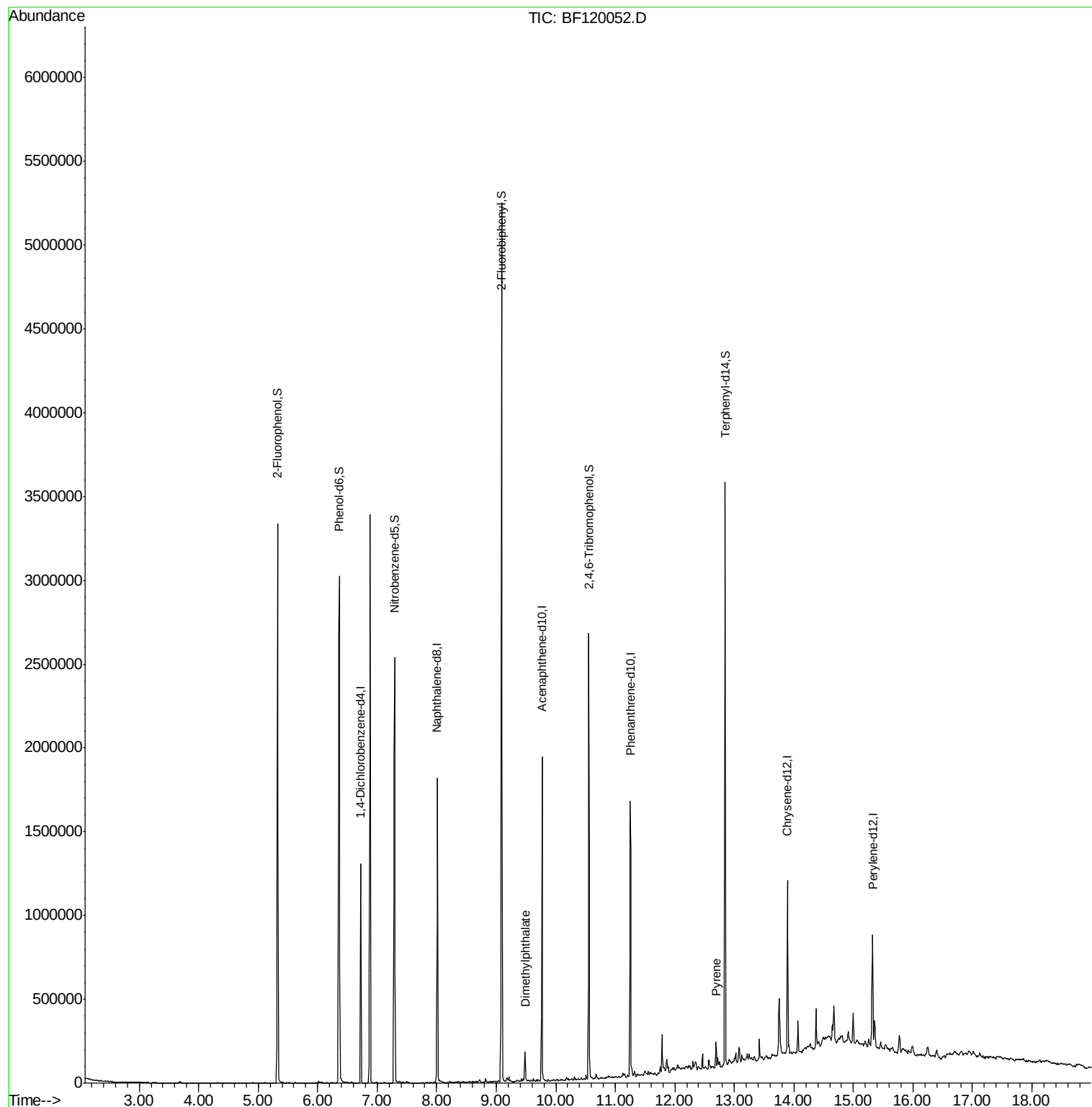
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	192965	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	747944	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	360363	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	600600	20.00	ng	0.00
76) Chrysene-d12	13.89	240	332518	20.00	ng	-0.01
87) Perylene-d12	15.32	264	296588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	836472	74.91	ng	0.00
7) Phenol-d6	6.36	99	1150955	80.00	ng	0.00
23) Nitrobenzene-d5	7.29	82	799728	55.32	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	288282	65.34	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1564593	61.64	ng	0.00
79) Terphenyl-d14	12.85	244	1184668	59.95	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	70146	2.517	ng	98
78) Pyrene	12.69	202	62524	2.230	ng	98

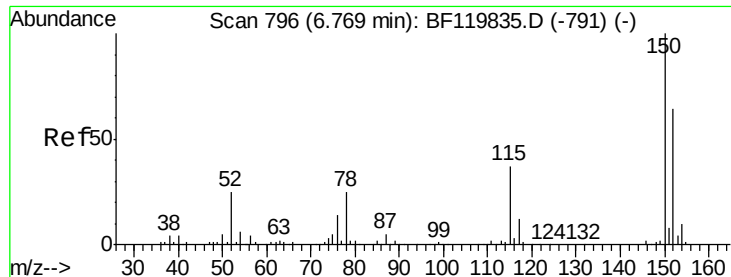
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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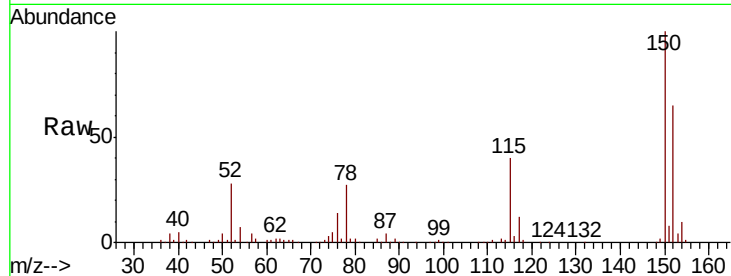


#1

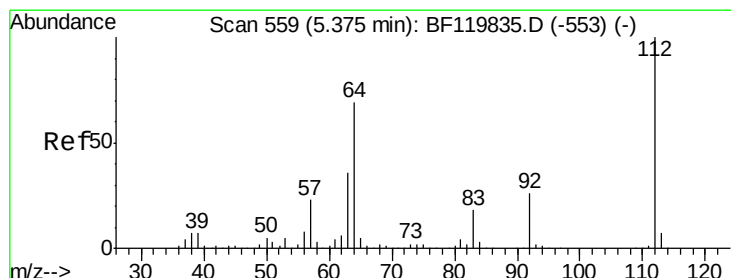
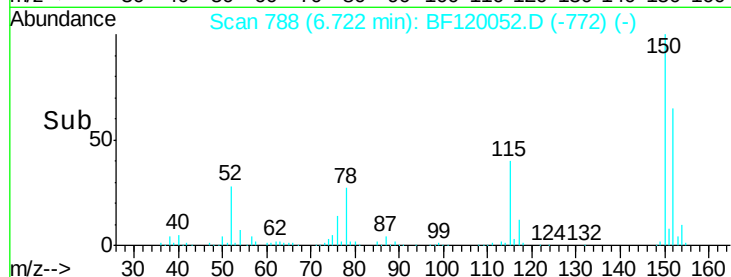
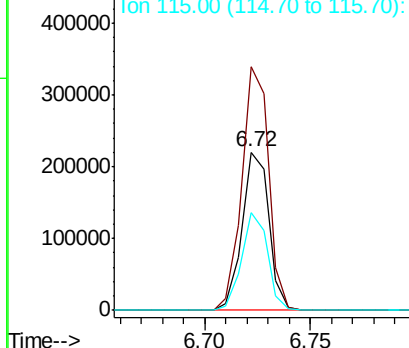
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF120052.D
 Acq: 17 Apr 2020 12:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.8	187.2
115	61.6	46.5	69.7



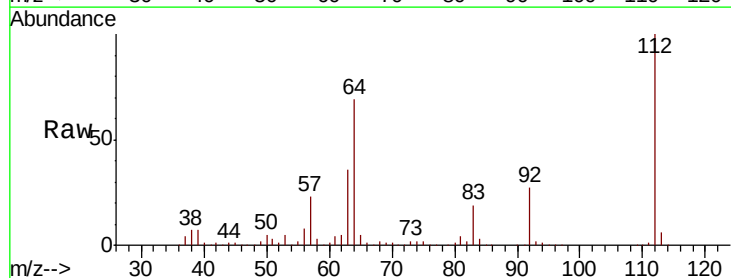
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



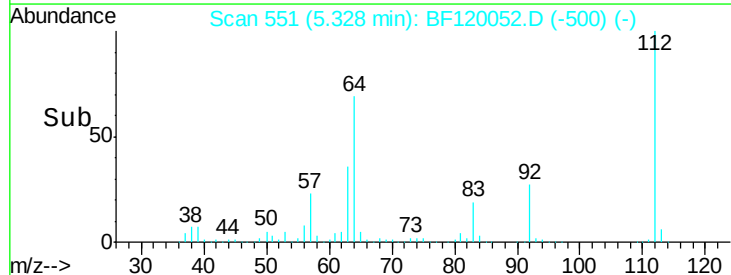
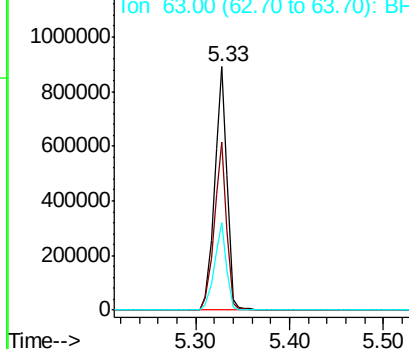
#5

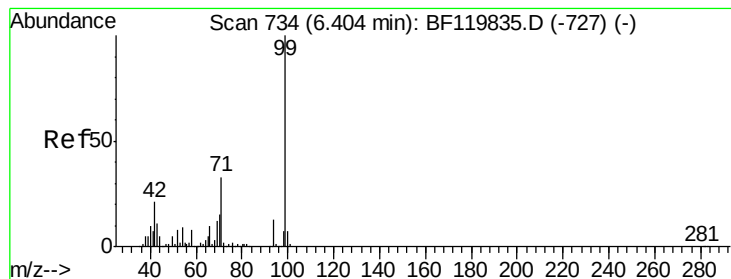
2-Fluorophenol
 Concen: 74.914 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF120052.D
 Acq: 17 Apr 2020 12:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	55.5	83.3
63	35.7	29.1	43.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.996 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120052.D

Acq: 17 Apr 2020 12:05

Instrument :

BNA_F

ClientSampled :

TP-27-26-COMP

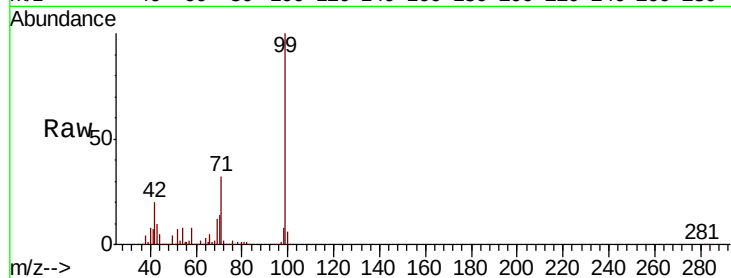
Tot Ion: 99 Resp: 1150955

Ion Ratio Lower Upper

99 100

42 19.7 16.9 25.3

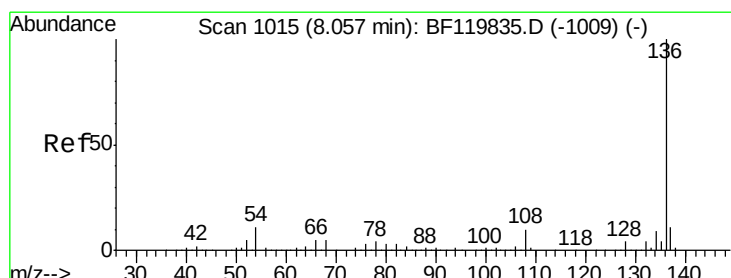
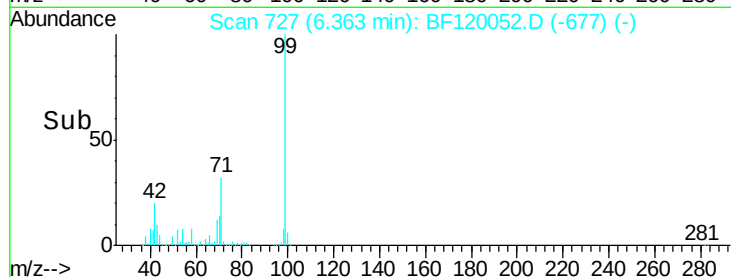
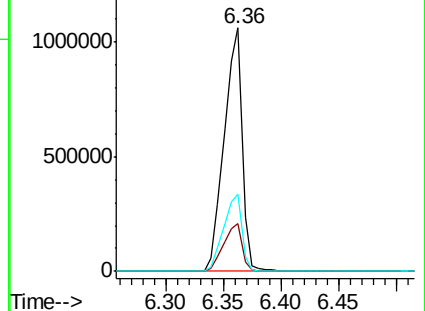
71 31.7 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120052.D

Acq: 17 Apr 2020 12:05

Tgt Ion: 136 Resp: 747944

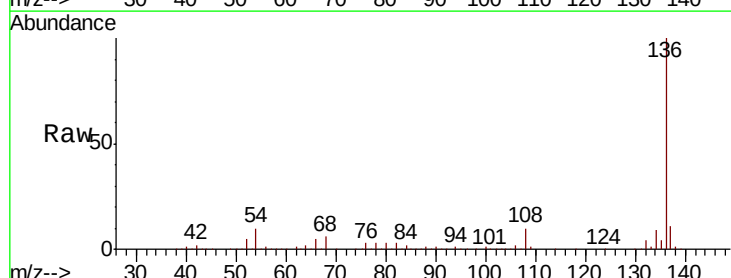
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.2 8.5 12.7

68 5.5 3.9 5.9

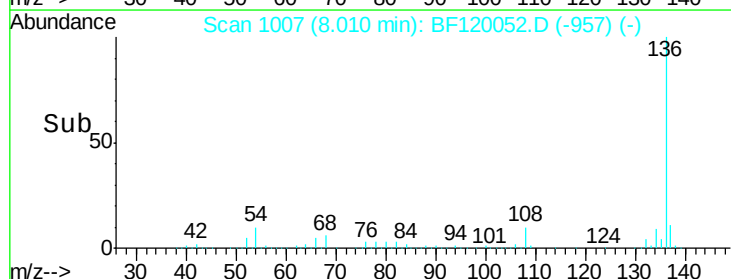
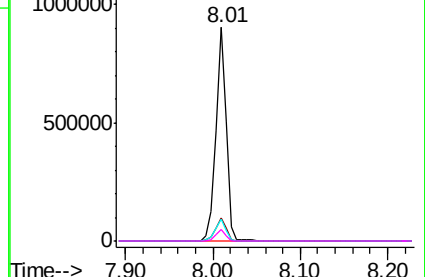


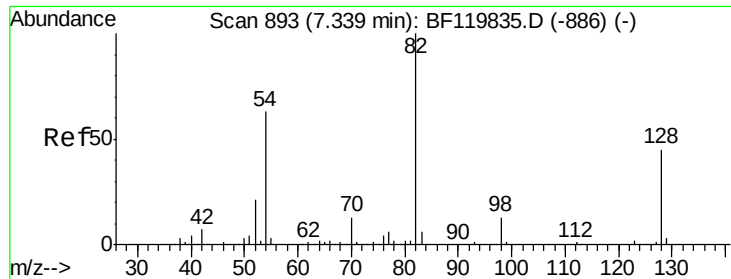
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

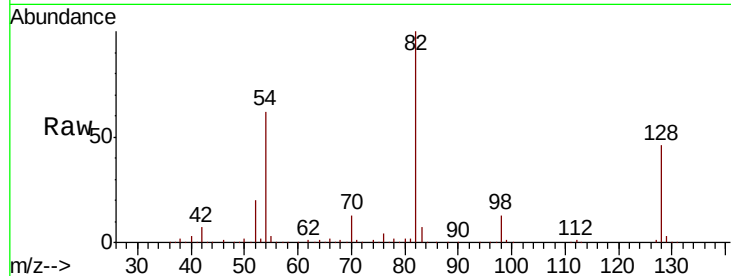




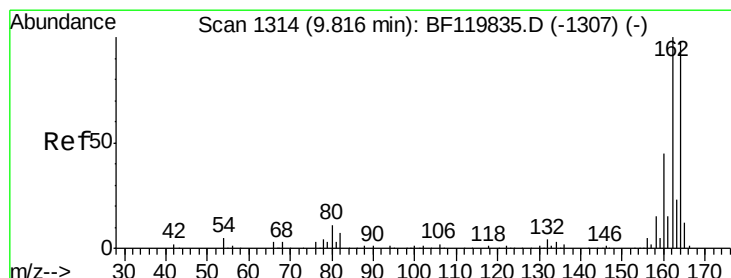
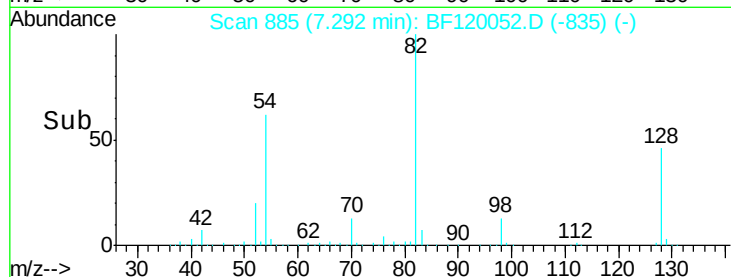
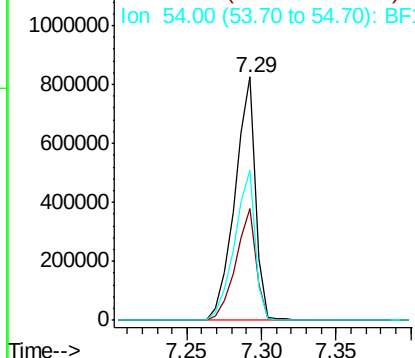
#23
 Nitrobenzene-d5
 Concen: 55.315 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF120052.D
 Acq: 17 Apr 2020 12:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

Tot Ion: 82 Resp: 799728
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.2 54.4
 54 61.6 50.4 75.6

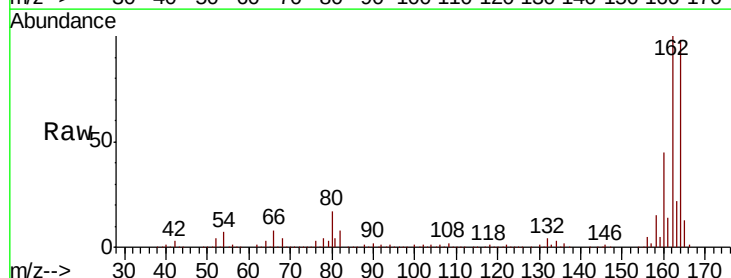


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

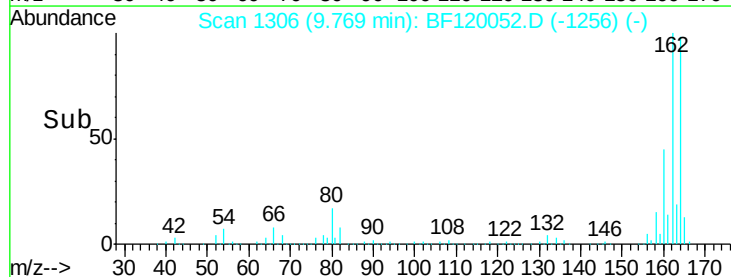
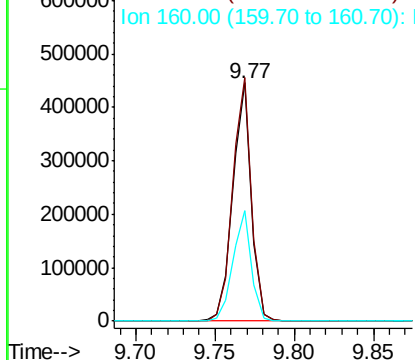


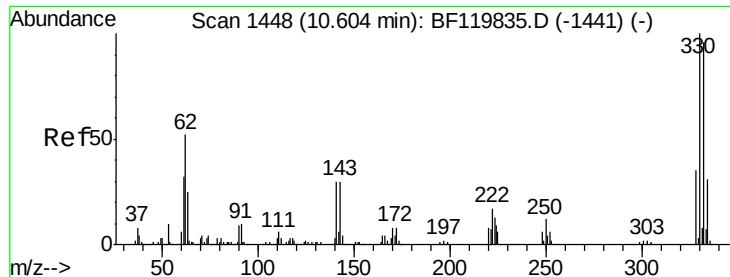
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF120052.D
 Acq: 17 Apr 2020 12:05

Tgt Ion: 164 Resp: 360363
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.9 122.9
 160 46.3 36.6 54.8



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

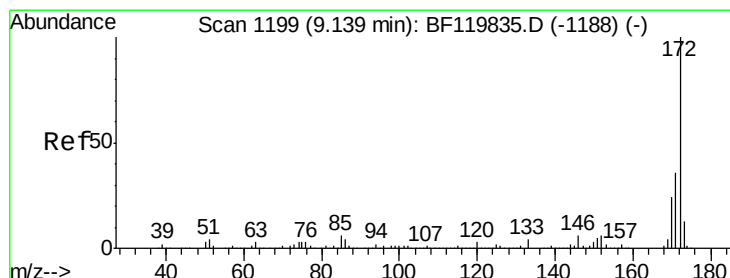
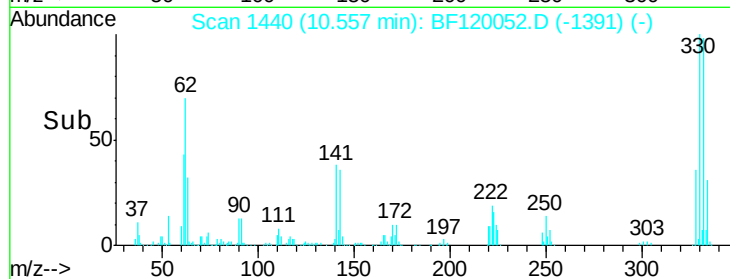
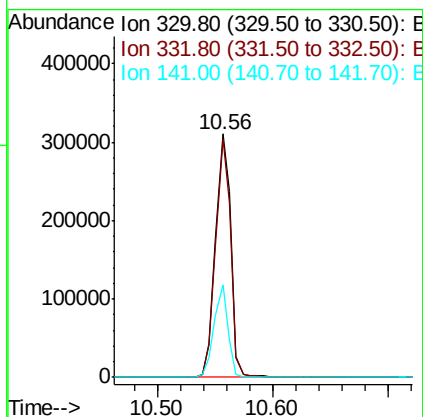
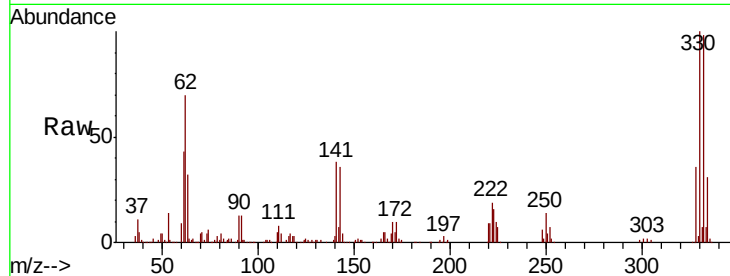




#42
 2,4,6-Tribromophenol
 Concen: 65.339 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120052.D
 Acq: 17 Apr 2020 12:05

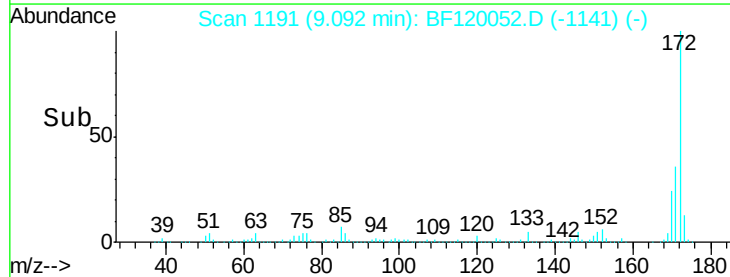
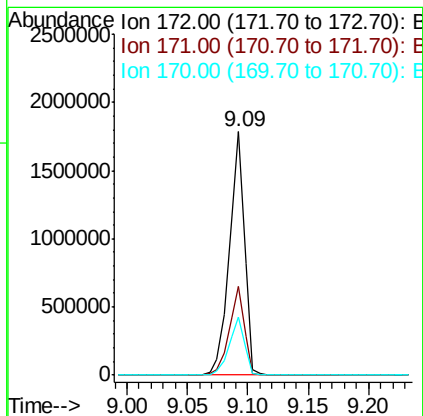
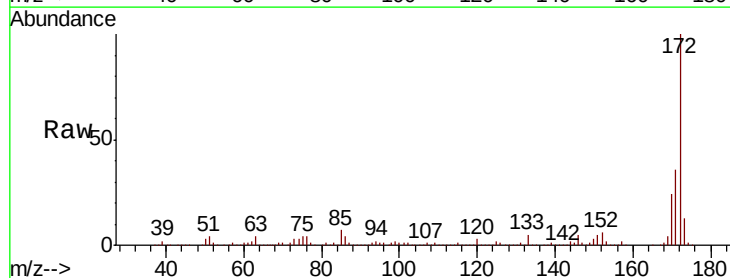
Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

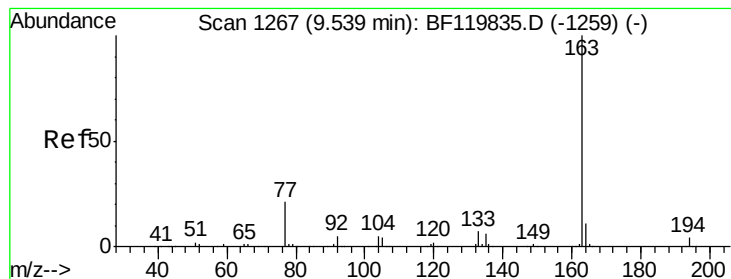
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	34.7	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 61.643 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF120052.D
 Acq: 17 Apr 2020 12:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.9	19.4	29.2





#50

Dimethylphthalate

Concen: 2.517 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120052.D

Acq: 17 Apr 2020 12:05

Instrument :

BNA_F

ClientSampleId :

TP-27-26-COMP

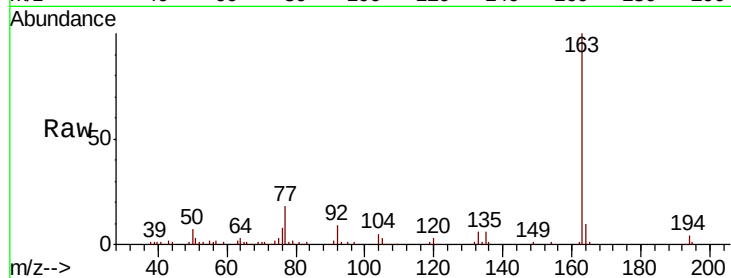
Tot Ion:163 Resp: 70146

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

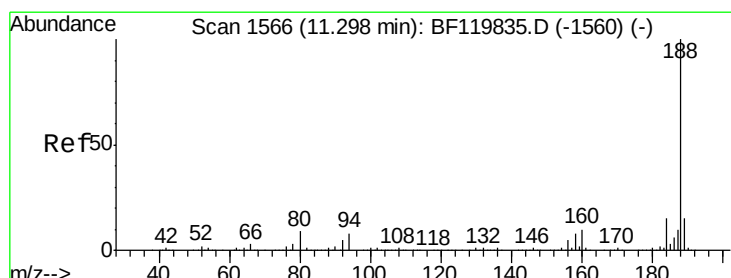
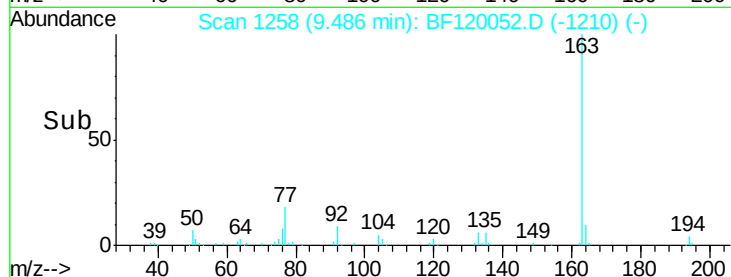
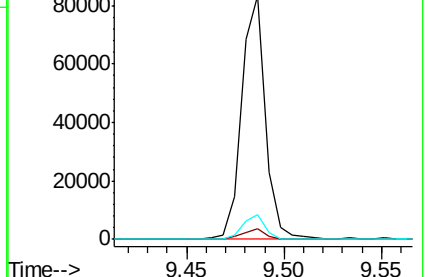
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120052.D

Acq: 17 Apr 2020 12:05

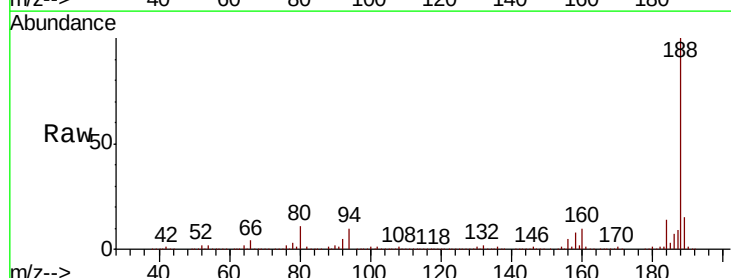
Tgt Ion:188 Resp: 600600

Ion Ratio Lower Upper

188 100

94 9.9 6.7 10.1

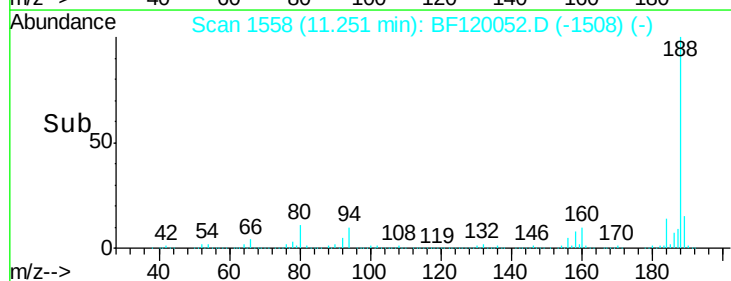
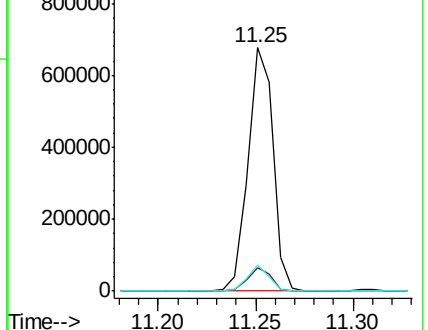
80 10.6 7.4 11.2

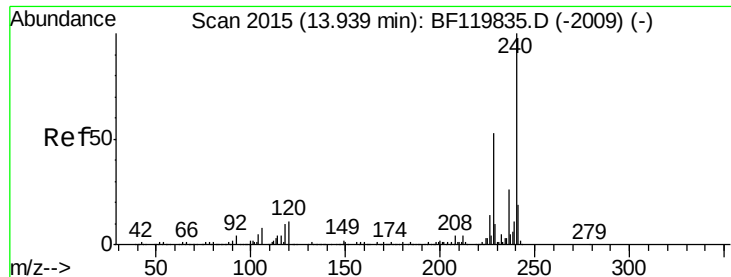


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF120052.D

Acq: 17 Apr 2020 12:05

Instrument :

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ClientSampleId :

TP-27-26-COMP

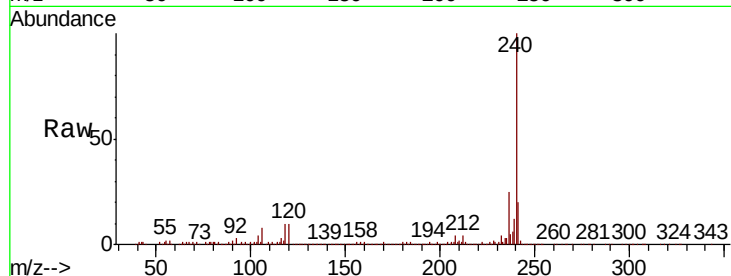
Tot Ion:240 Resp: 332518

Ion Ratio Lower Upper

240 100

120 10.1 9.0 13.6

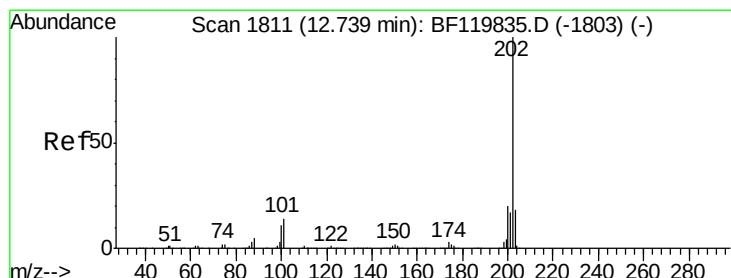
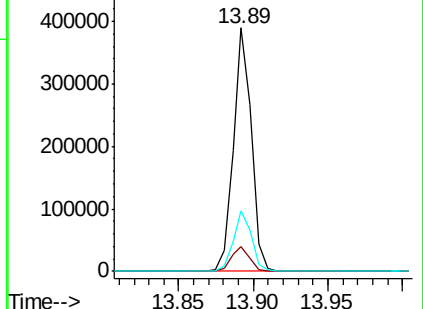
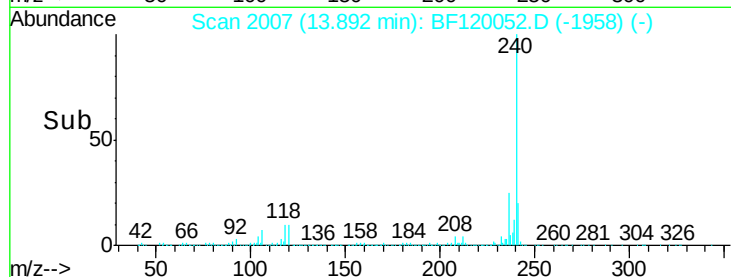
236 24.8 20.7 31.1



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



#78

Pyrene

Concen: 2.230 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF120052.D

Acq: 17 Apr 2020 12:05

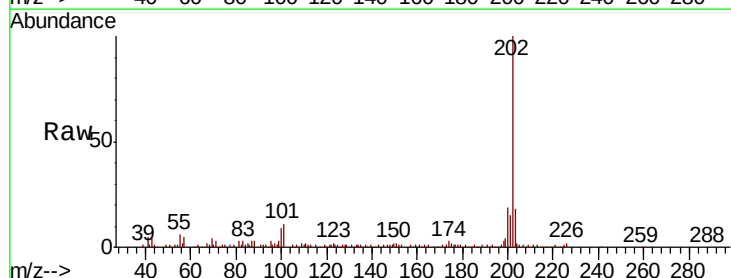
Tgt Ion:202 Resp: 62524

Ion Ratio Lower Upper

202 100

200 18.6 16.2 24.2

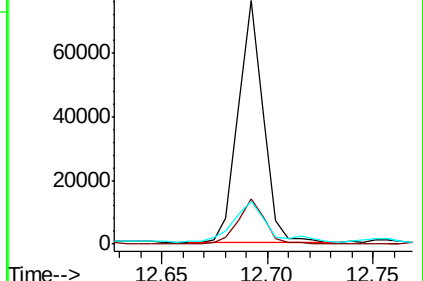
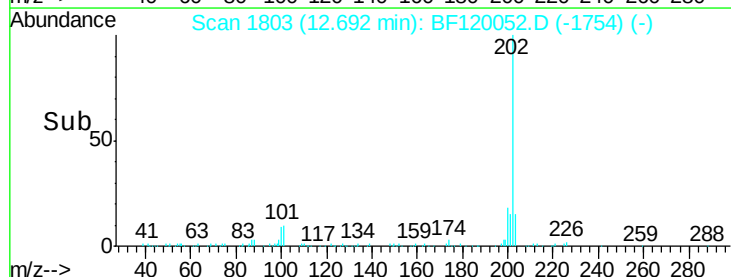
203 17.6 14.1 21.1

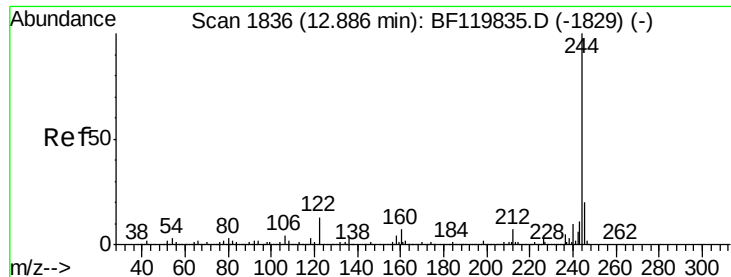


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.948 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF120052.D

Acq: 17 Apr 2020 12:05

Instrument :

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TP-27-26-COMP

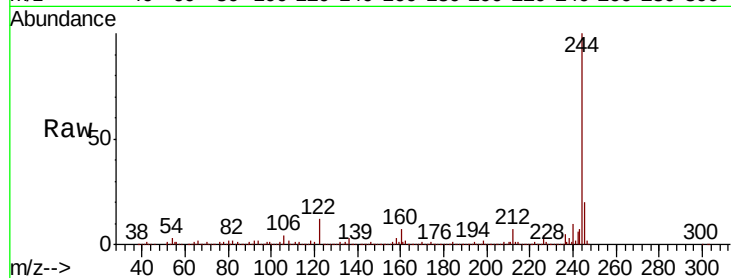
Tot Ion:244 Resp: 1184668

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

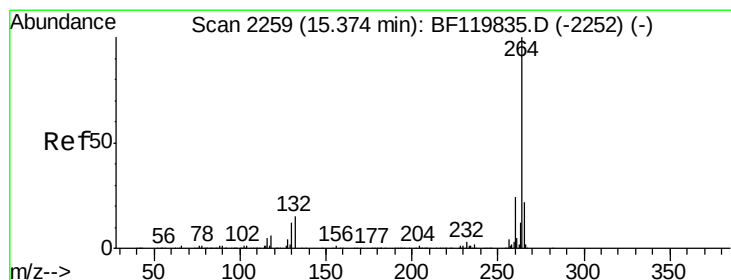
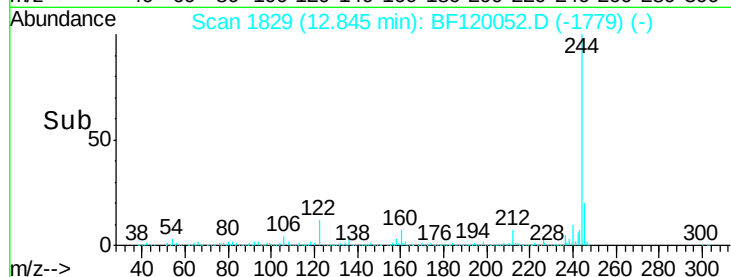
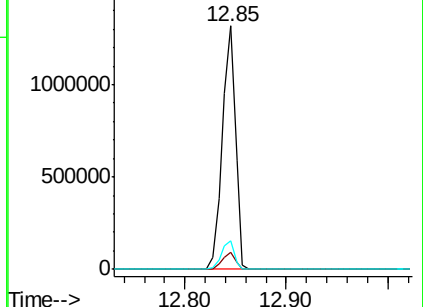
122 11.9 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BF120052.D

Acq: 17 Apr 2020 12:05

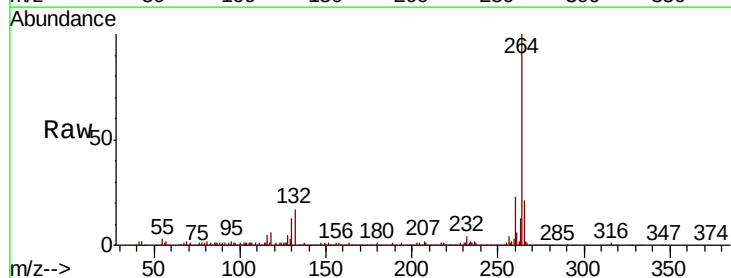
Tgt Ion:264 Resp: 296588

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 20.9 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

