

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103481.D
 Acq On : 7 Mar 2018 2:46
 Operator : SJ/JU
 Sample : J1731-04 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 06:34:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

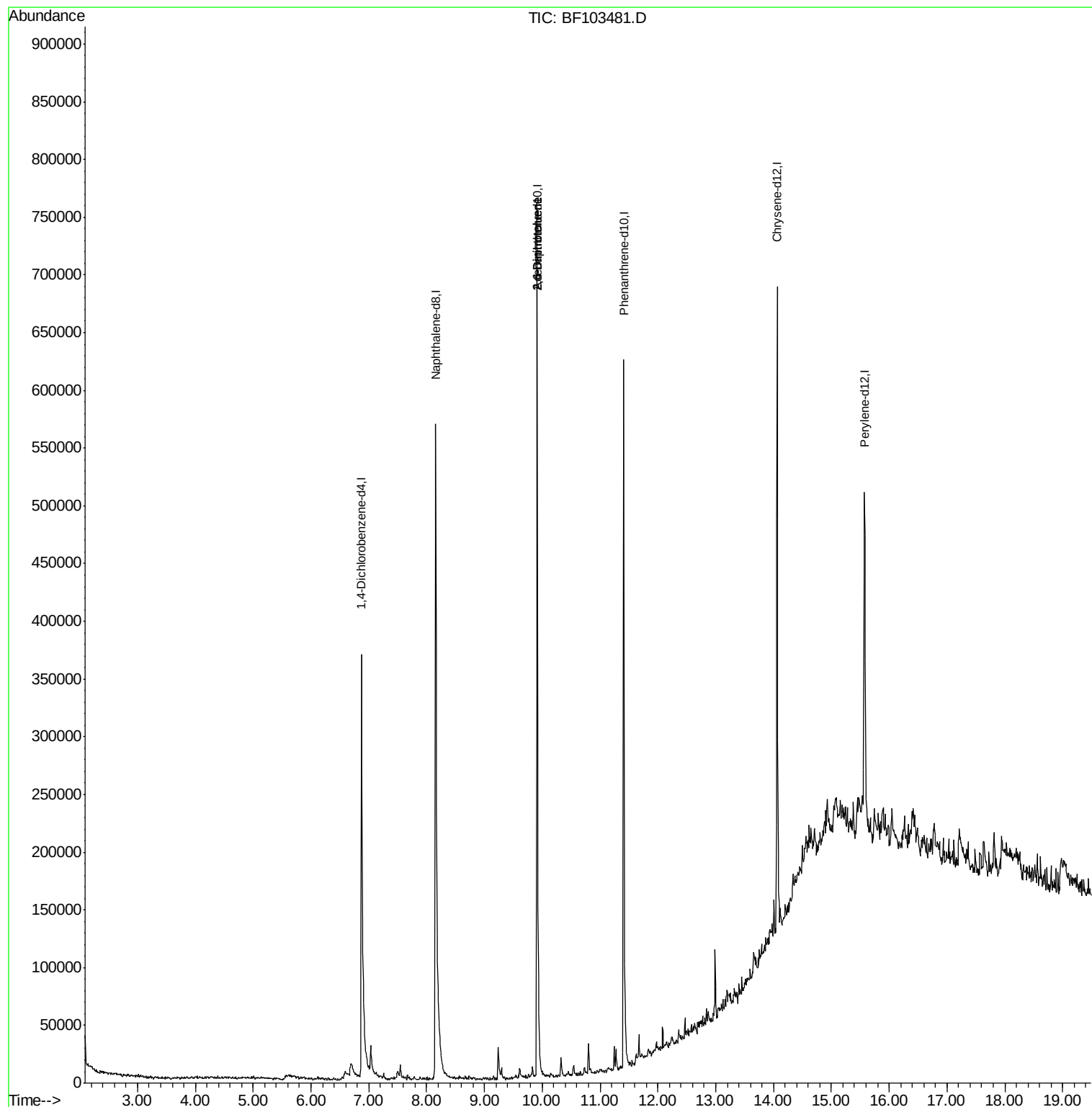
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	112361	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	481344	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	186722	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	288825	20.00	ng	0.00
75) Chrysene-d12	14.06	240	198763	20.00	ng	0.00
86) Perylene-d12	15.57	264	149881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	319	0.04	ng	0.21
7) Phenol-d6	6.59	99	5423	0.60	ng	0.08
23) Nitrobenzene-d5	7.49	82	5734	0.68	ng	0.04
41) 2,4,6-Tribromophenol	10.73	330	1392	0.88	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	20744	-1.00	ng	0.00
78) Terphenyl-d14	12.99	244	16002	1.94	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.91	165	23169	7.371	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	23273	5.854	ng	# 22

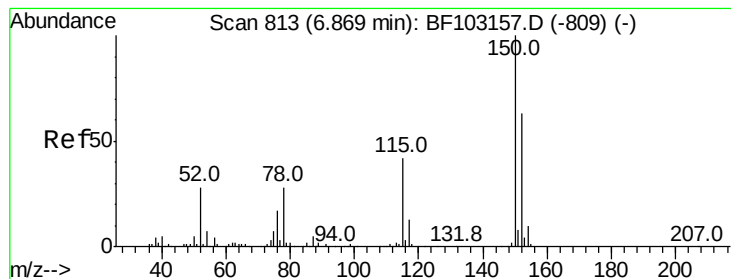
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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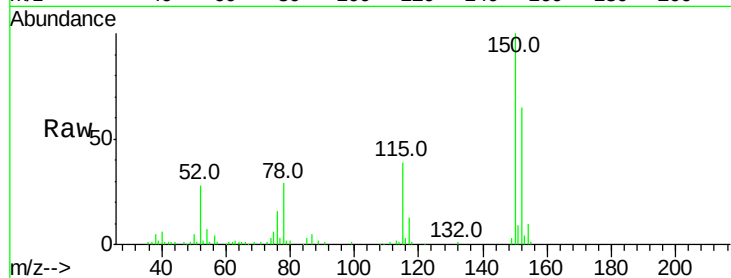


#1

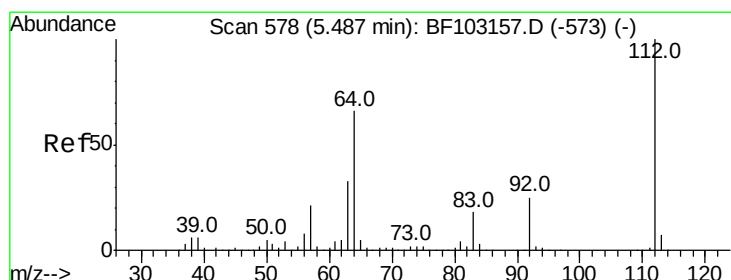
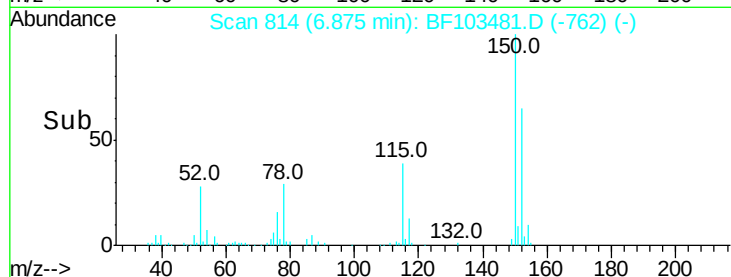
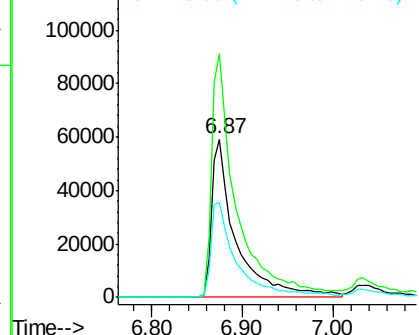
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112361
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 59.9 50.1 75.1



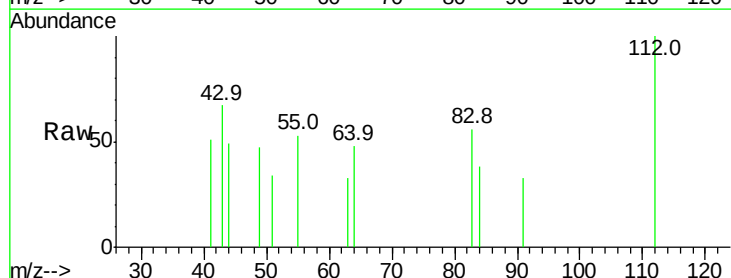
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



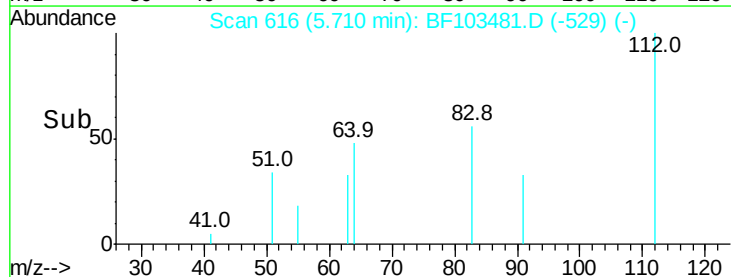
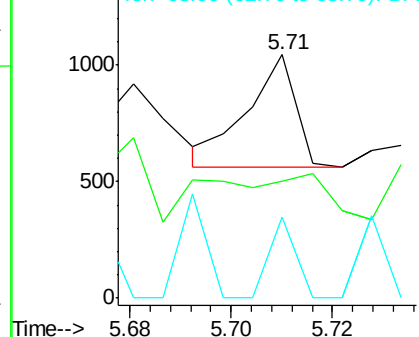
#5

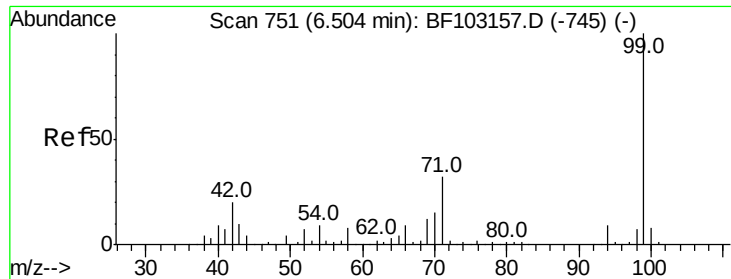
2-Fluorophenol
Concen: 0.043 ng
RT: 5.71 min Scan# 616
Delta R.T. 0.21 min
Lab File: BF103481.D
Acq: 7 Mar 2018 2:46

Tgt Ion:112 Resp: 319
Ion Ratio Lower Upper
112 100
64 48.2 47.9 71.9
63 33.5 23.7 35.5



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: 0.597 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.08 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

Instrument :

BNA_F

ClientSampleId :

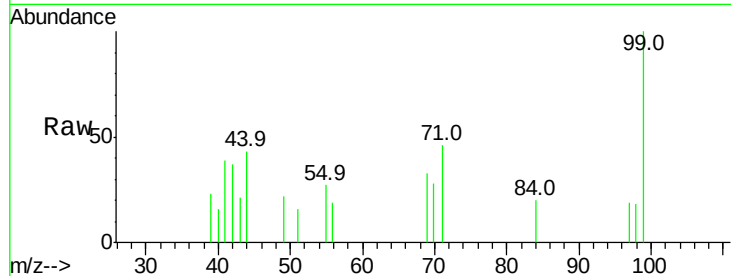
Tot Ion: 99 Resp: 5423

Ion Ratio Lower Upper

99 100

42 36.9 14.5 21.7#

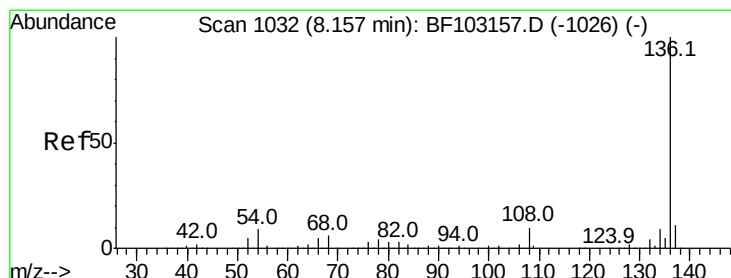
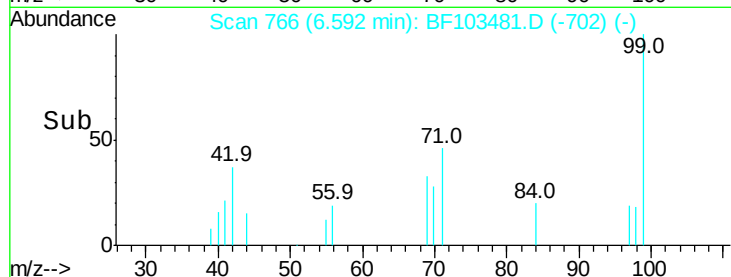
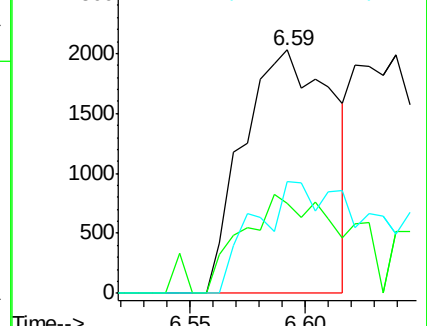
71 46.2 25.4 38.0#



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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

Tgt Ion: 136 Resp: 481344

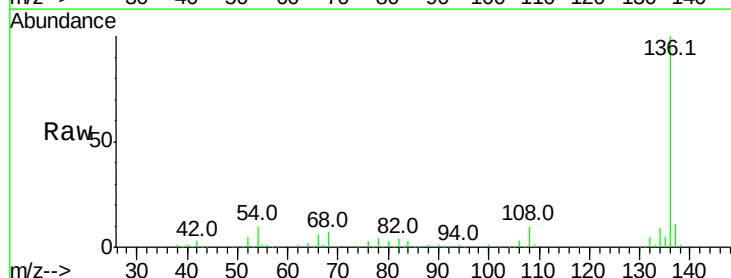
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.7 6.6 9.8

68 6.7 5.0 7.4

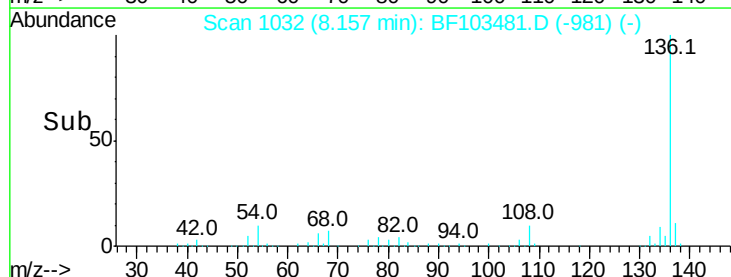
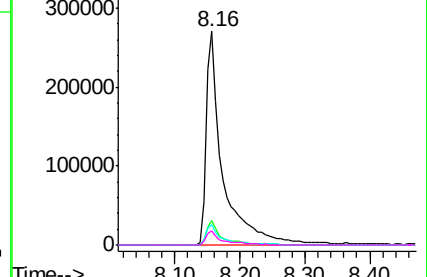


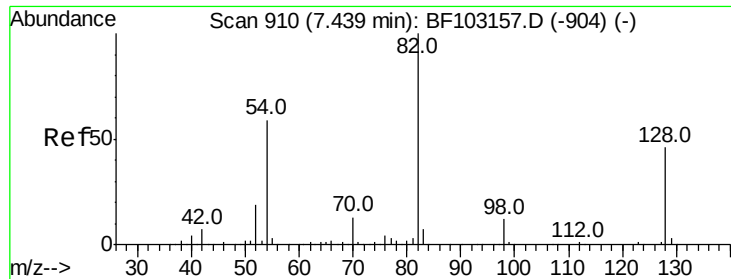
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.680 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

Instrument :

BNA_F

ClientSampled :

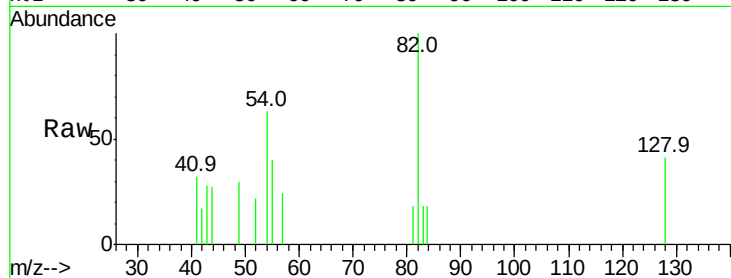
Tot Ion: 82 Resp: 5734

Ion Ratio Lower Upper

82 100

128 41.2 36.1 54.1

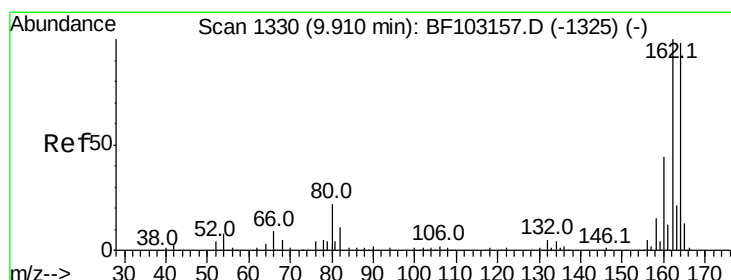
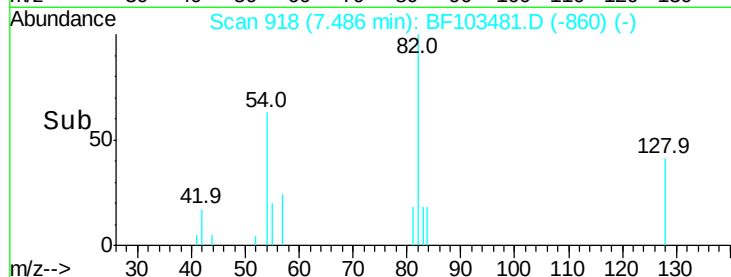
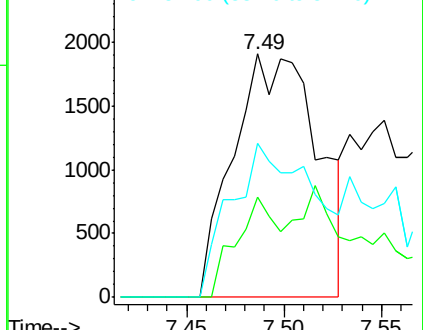
54 63.5 41.4 62.2#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

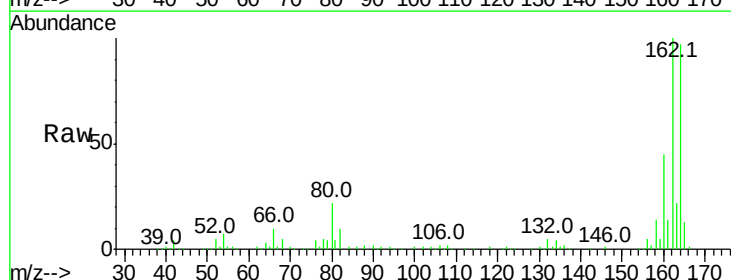
Tgt Ion:164 Resp: 186722

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

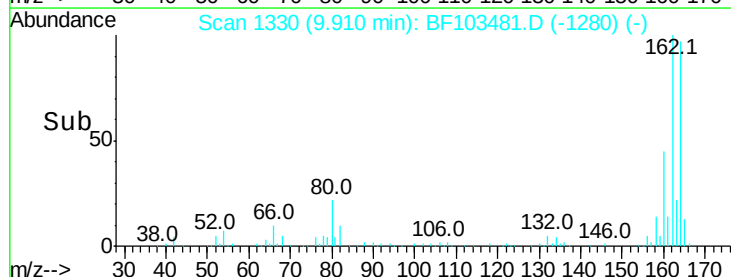
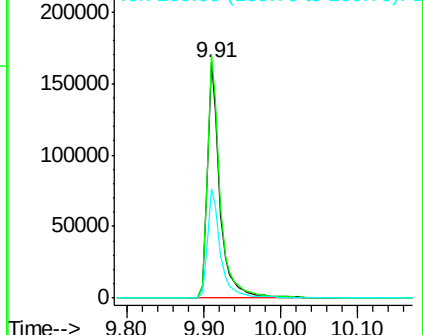
160 46.1 38.3 57.5

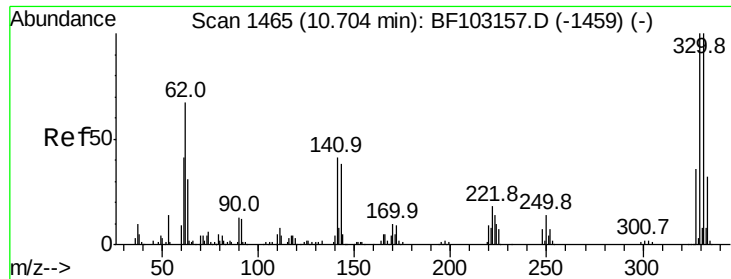


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

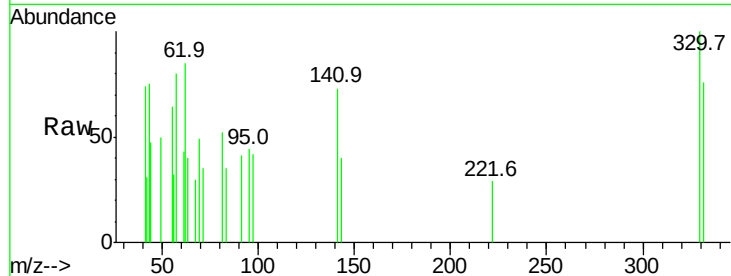




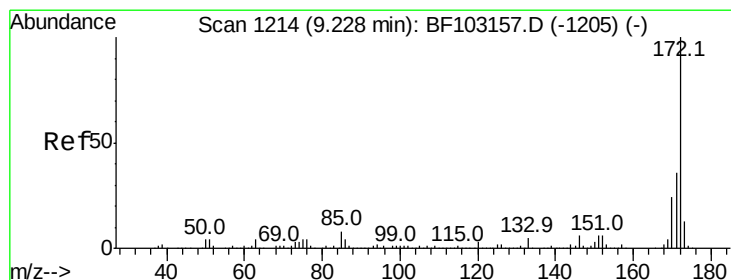
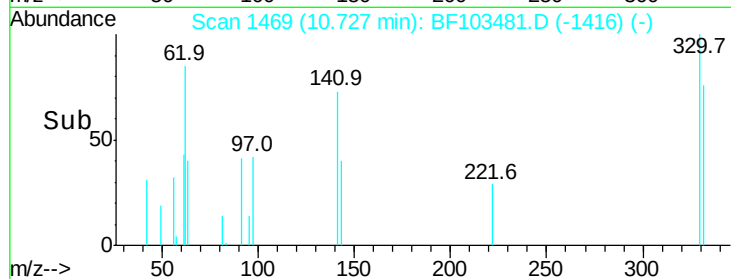
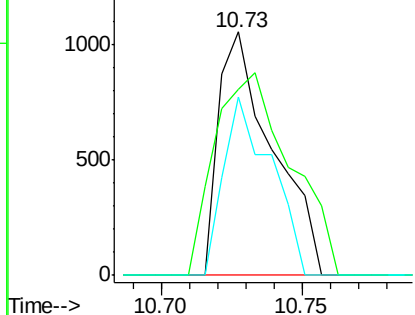
#41
 2,4,6-Tribromophenol
 Concen: 0.881 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF103481.D
 Acq: 7 Mar 2018 2:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 1392
 Ion Ratio Lower Upper
 330 100
 332 117.0 77.0 115.6#
 141 64.6 29.9 44.9#

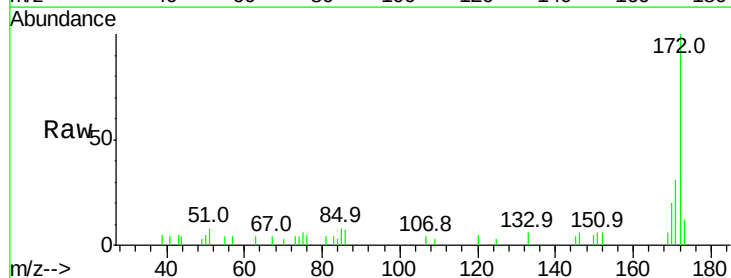


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

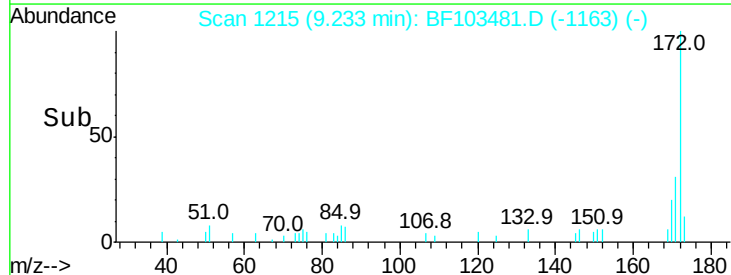
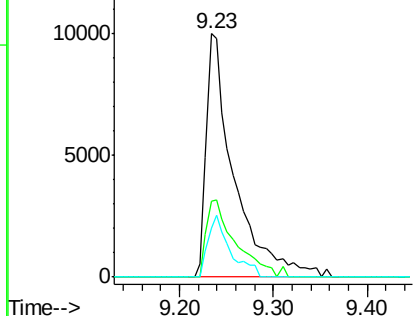


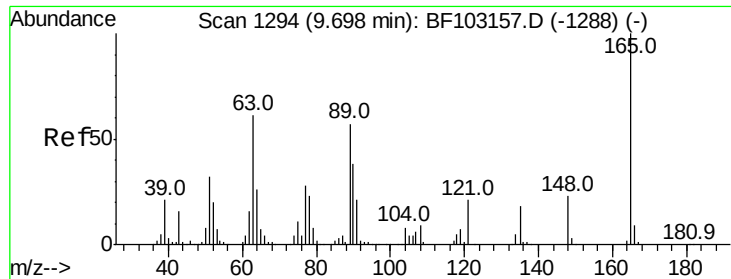
#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103481.D
 Acq: 7 Mar 2018 2:46

Tgt Ion:172 Resp: 20744
 Ion Ratio Lower Upper
 172 100
 171 31.2 29.7 44.5
 170 20.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

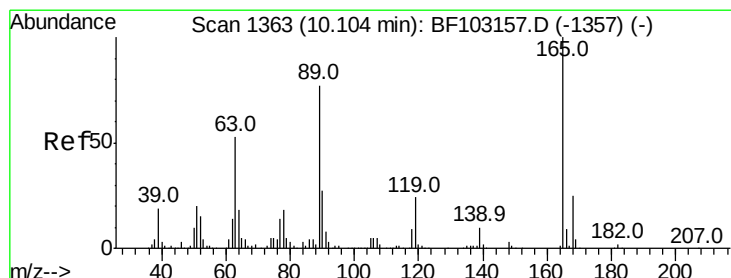
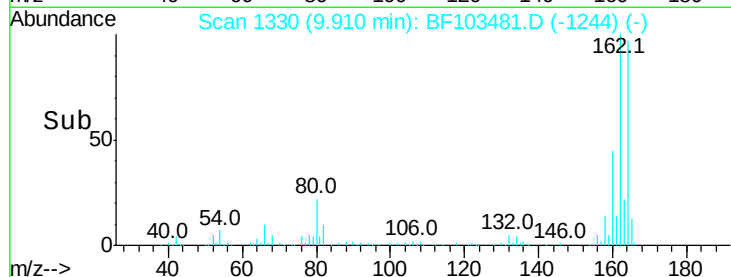
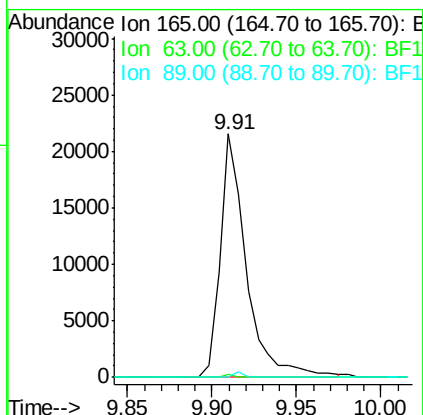
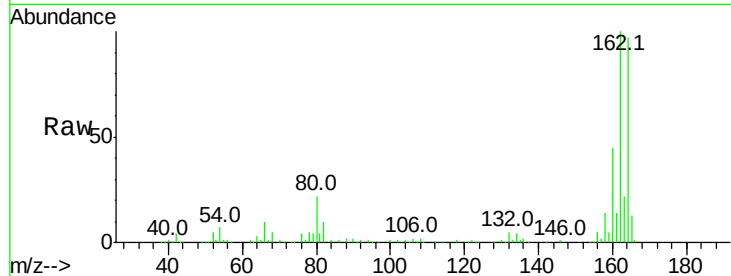




#50
 2,6-Dinitrotoluene
 Concen: 7.371 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103481.D
 Acq: 7 Mar 2018 2:46

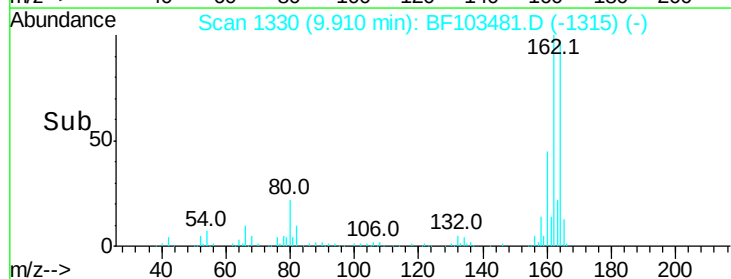
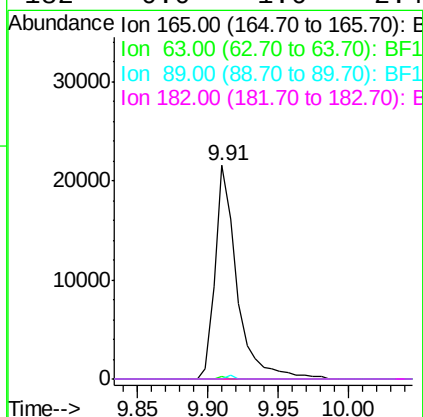
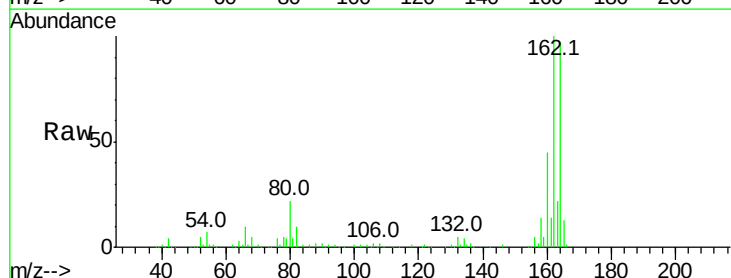
Instrument :
 BNA_F
 ClientSampleId :

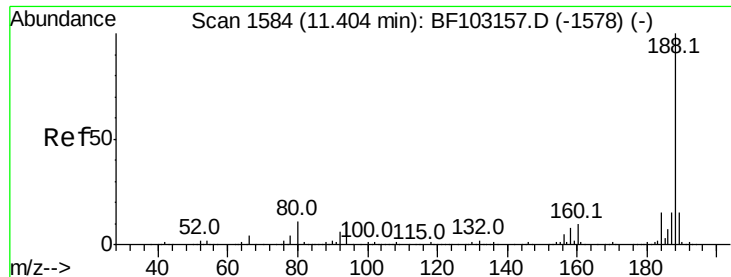
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.854 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF103481.D
 Acq: 7 Mar 2018 2:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

Instrument :

BNA_F

ClientSampleId :

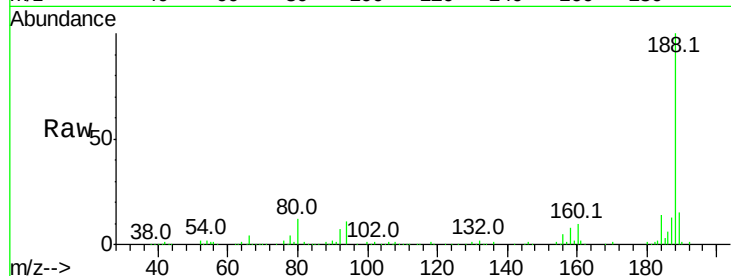
Tot Ion:188 Resp: 288825

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

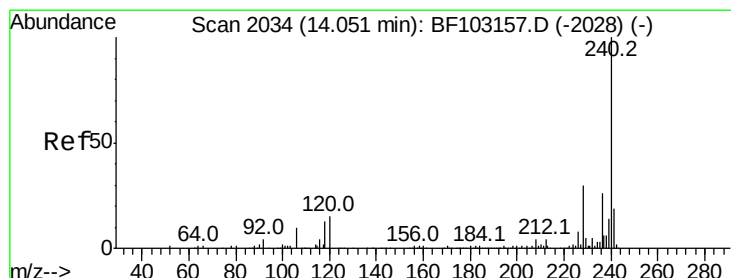
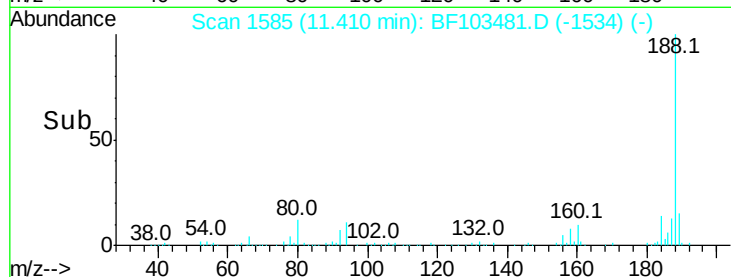
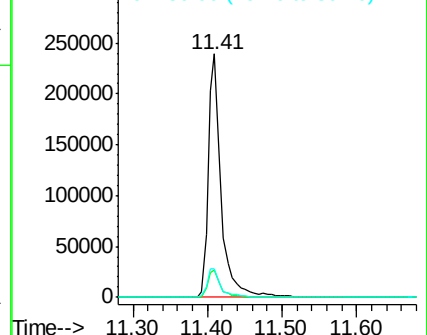
80 12.0 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

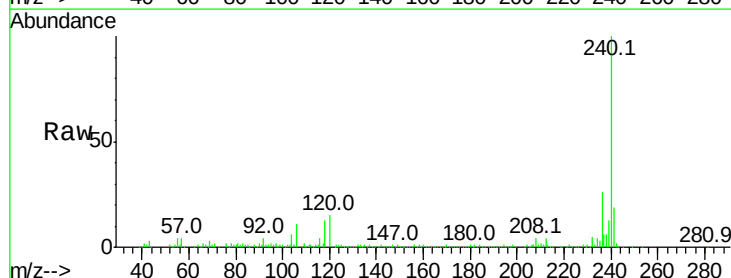
Tgt Ion:240 Resp: 198763

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

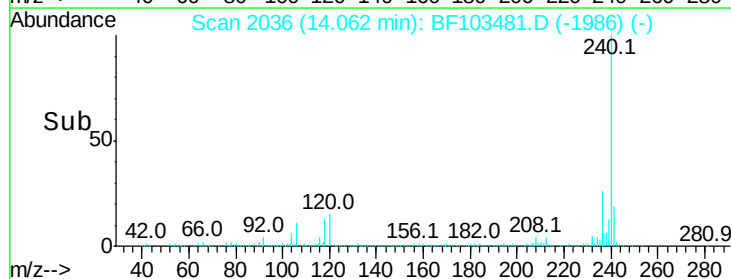
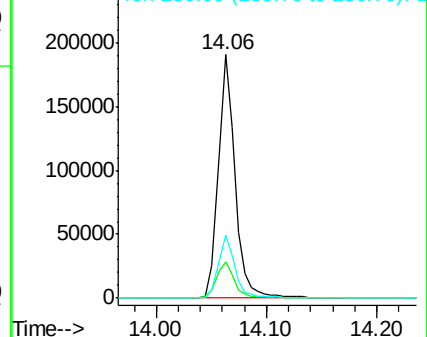
236 26.0 20.7 31.1

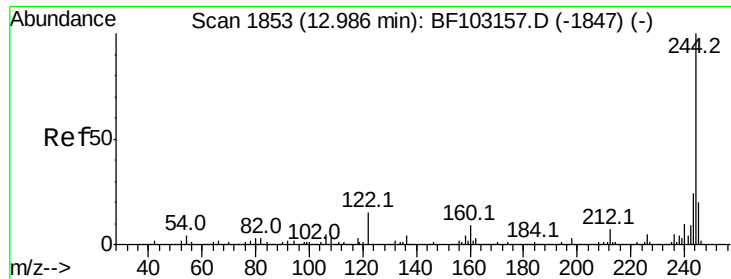


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 1.935 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

Instrument :

BNA_F

ClientSampleId :

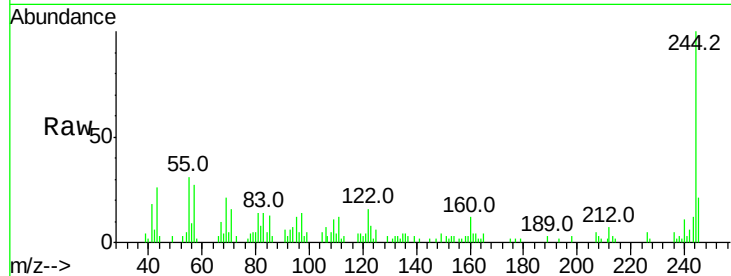
Tot Ion:244 Resp: 16002

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 15.9 11.0 16.4

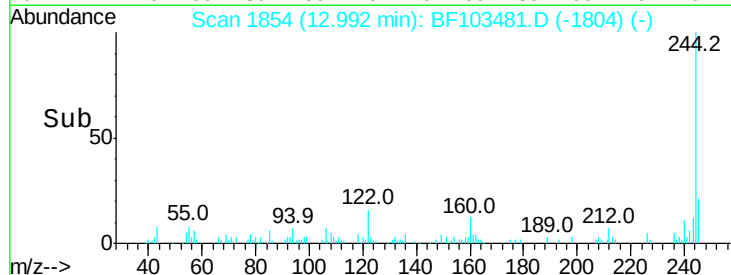


Abundance Ion 244.00 (243.70 to 244.70): E

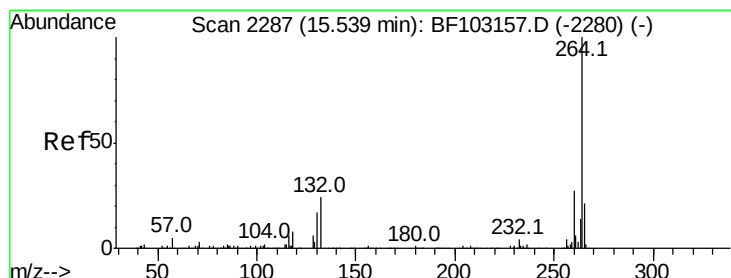
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BF103481.D

Acq: 7 Mar 2018 2:46

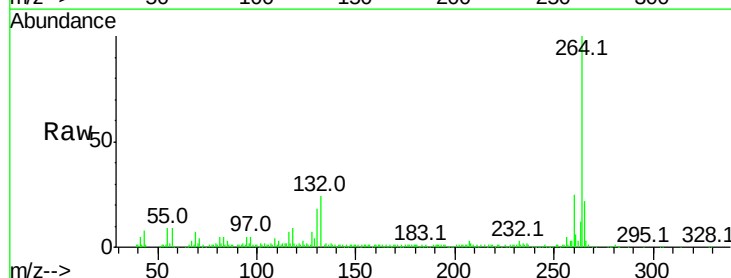
Tgt Ion:264 Resp: 149881

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.8 17.5 26.3

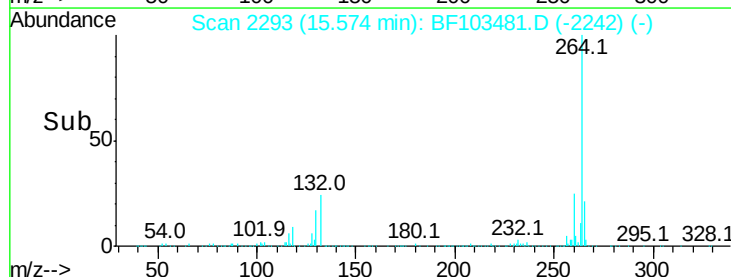


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->