

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096561.D
 Acq On : 7 Jul 2017 16:09
 Operator : SJ/MA
 Sample : I4064-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF006-01

Quant Time: Jul 07 16:58:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

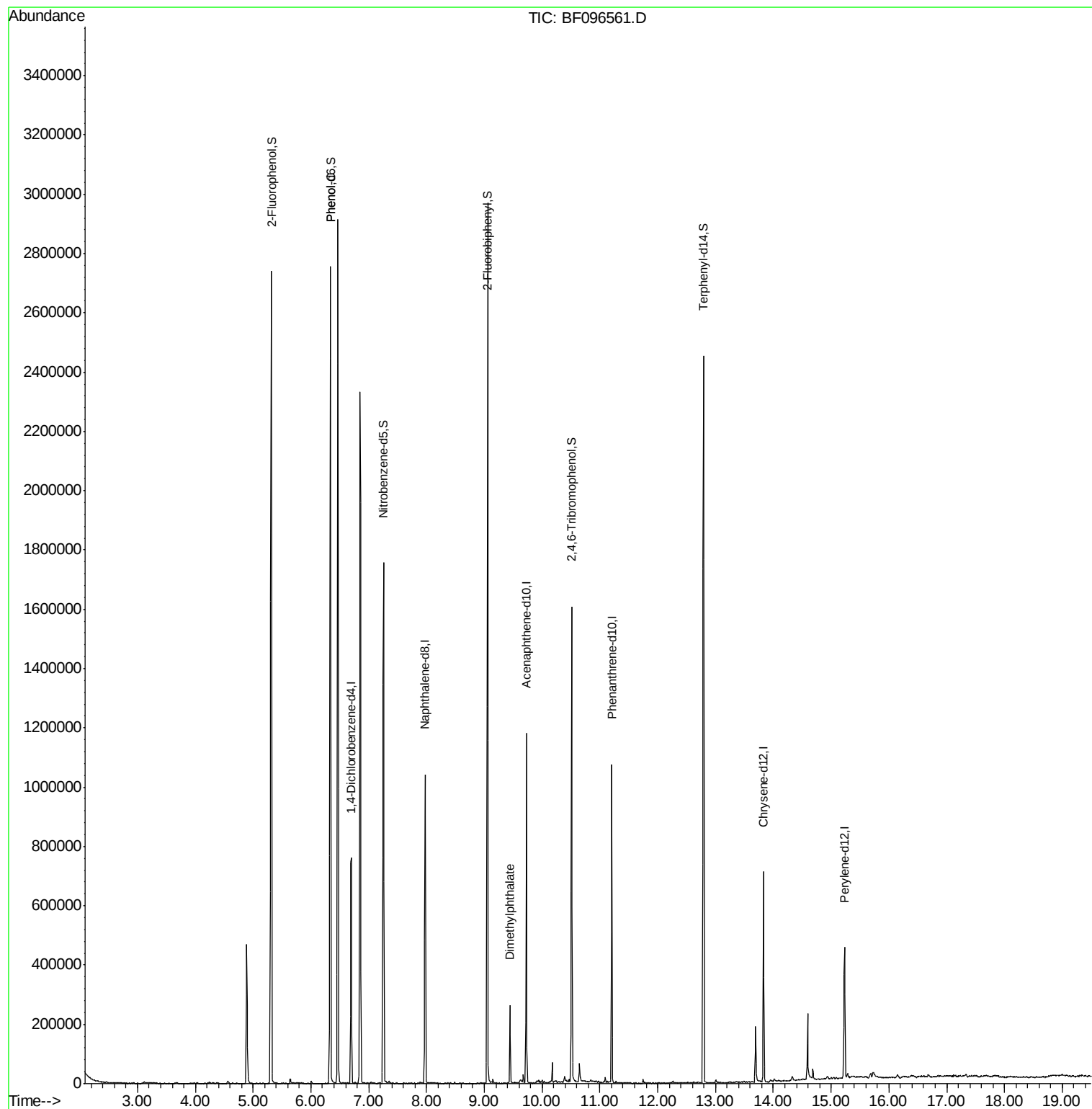
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	114431	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	493992	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	223782	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	374592	20.00	ng	0.00
75) Chrysene-d12	13.83	240	226147	20.00	ng	-0.01
86) Perylene-d12	15.23	264	176993	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	833316	107.48	ng	0.00
7) Phenol-d6	6.34	99	1015942	106.59	ng	0.00
23) Nitrobenzene-d5	7.26	82	547795	66.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	185676	106.22	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1031227	78.79	ng	0.00
78) Terphenyl-d14	12.79	244	801543	75.74	ng	0.00
Target Compounds						
10) Phenol	6.35	94	33125	3.051	ng	95
49) Dimethylphthalate	9.45	163	96654	5.786	ng	99

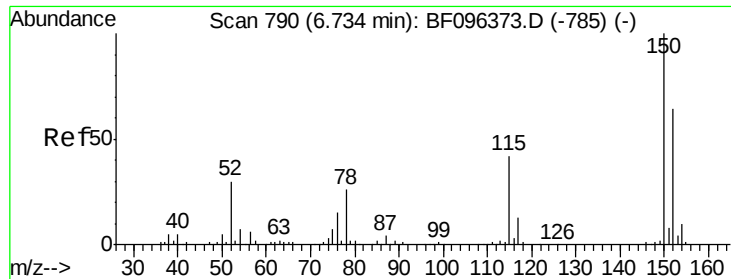
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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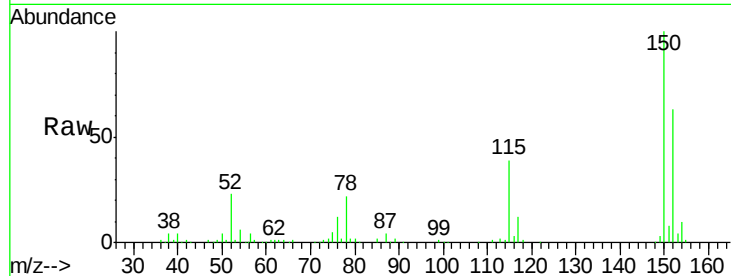


#1

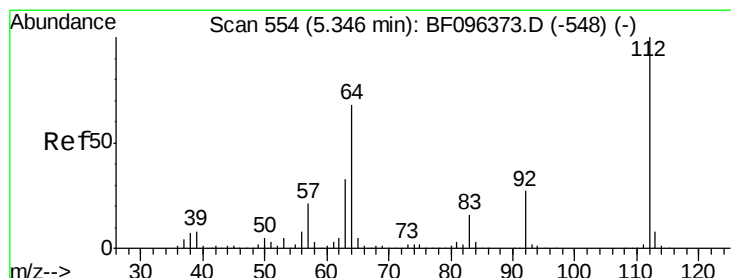
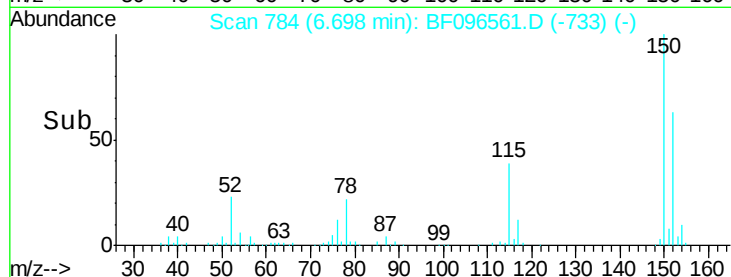
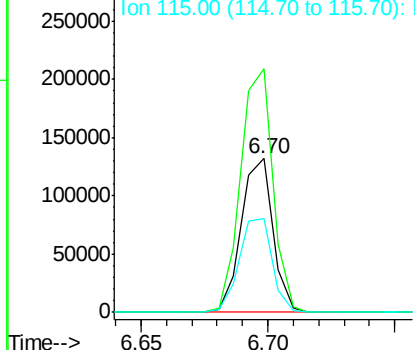
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096561.D
Acq: 7 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :
PET-BF006-01

Tgt Ion:152 Resp: 114431
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 61.4 52.2 78.2



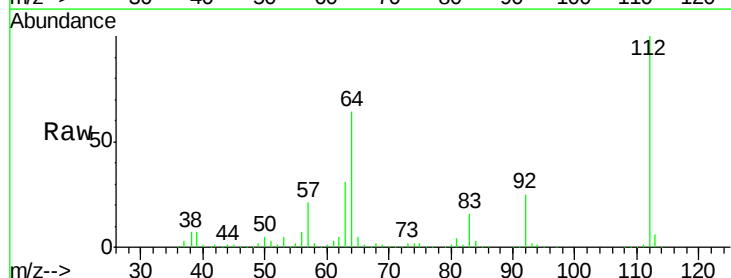
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



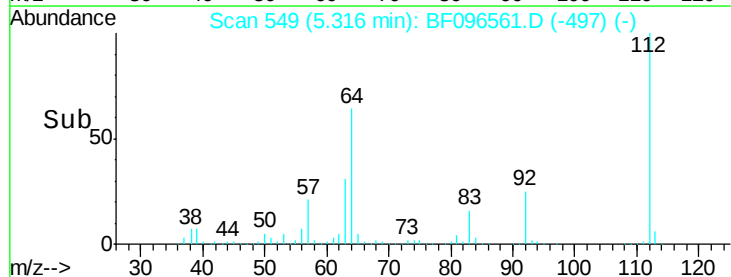
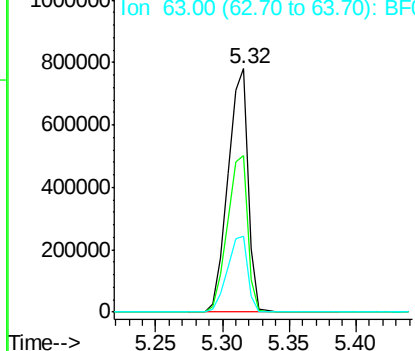
#5

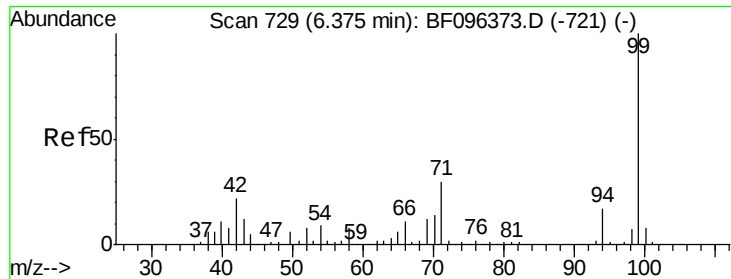
2-Fluorophenol
Concen: 107.484 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096561.D
Acq: 7 Jul 2017 16:09

Tgt Ion:112 Resp: 833316
Ion Ratio Lower Upper
112 100
64 64.1 46.0 69.0
63 31.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.591 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

Instrument :

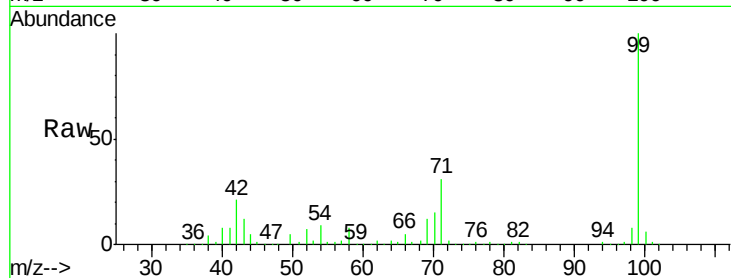
BNA_F

ClientSampleId :

PET-BF006-01

Tgt Ion: 99 Resp: 1015942

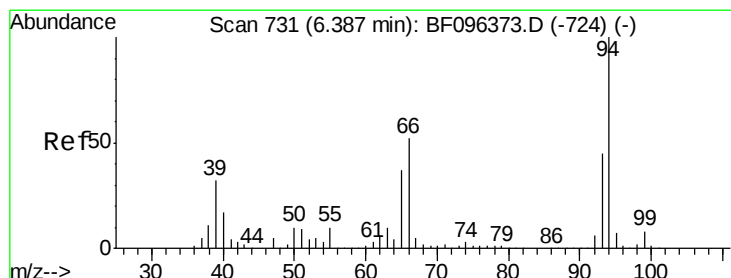
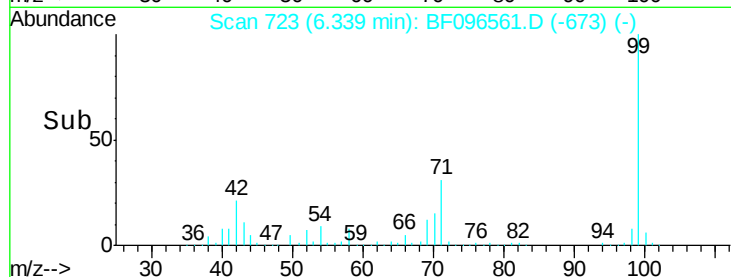
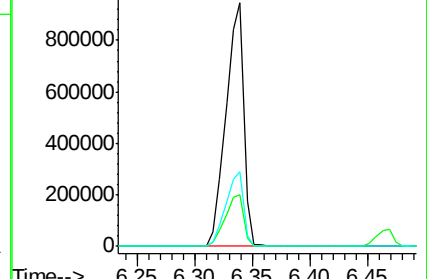
Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	30.8	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.051 ng

RT: 6.35 min Scan# 724

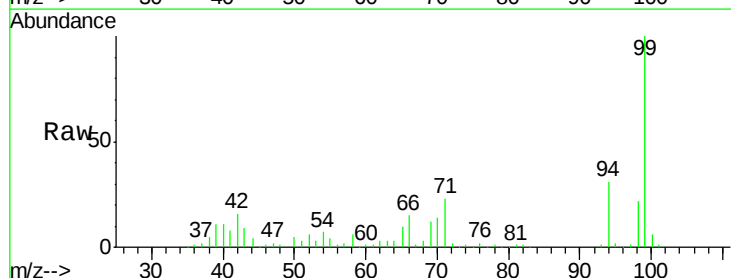
Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

Tgt Ion: 94 Resp: 33125

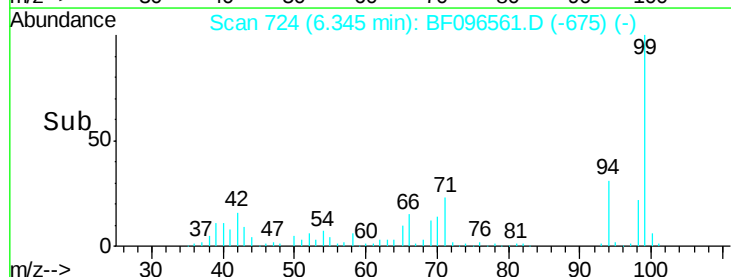
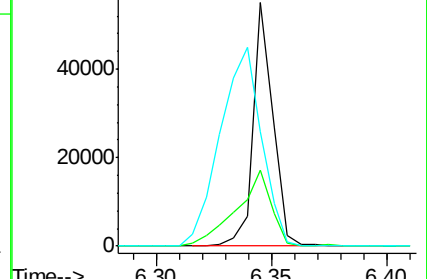
Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.9	49.9
66	46.9	23.1	63.1

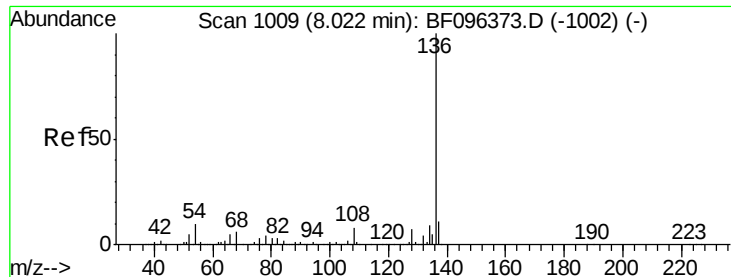


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PET-BF006-01

Tgt Ion: 136 Resp: 493992

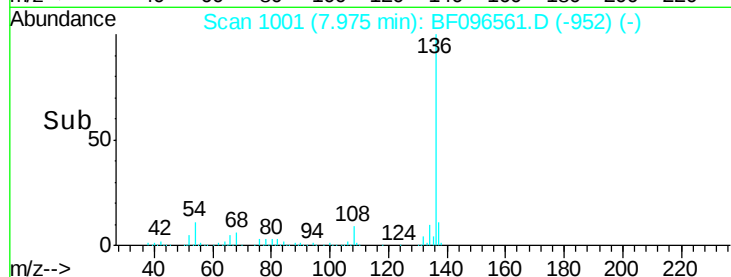
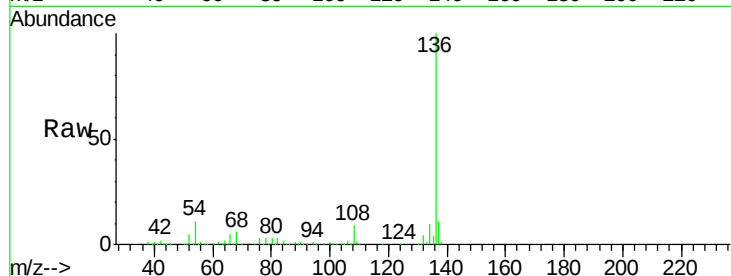
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.7 4.9 7.3#

68 5.9 4.1 6.1

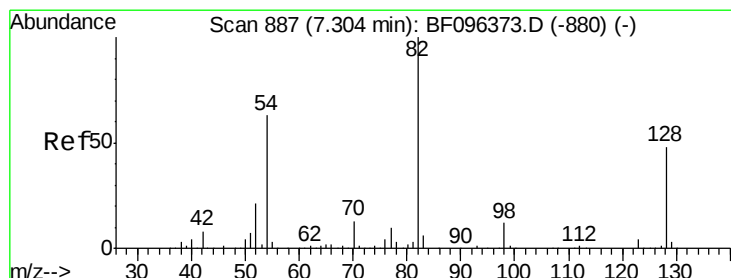
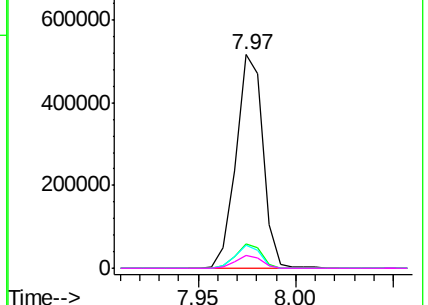


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 66.636 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

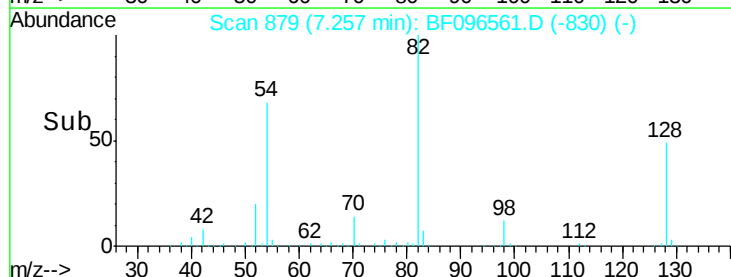
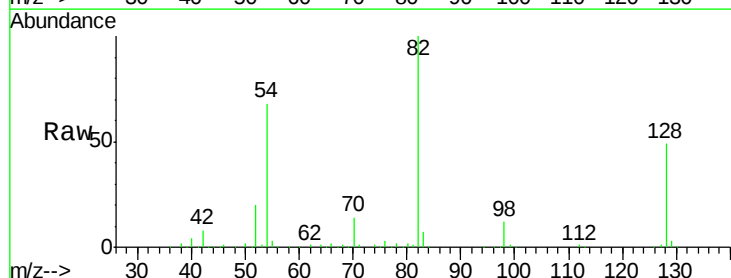
Tgt Ion: 82 Resp: 547795

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

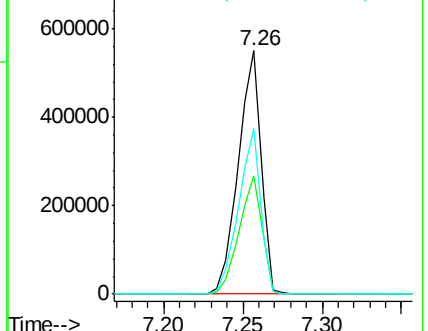
54 68.0 42.2 63.2#

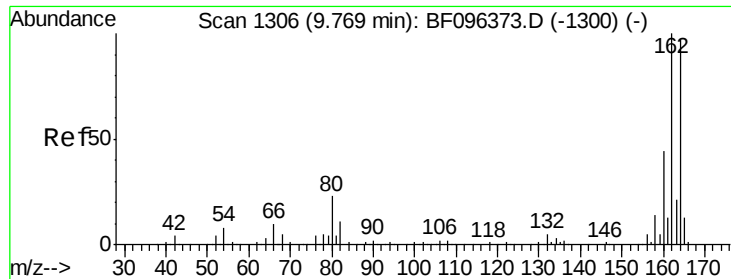


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

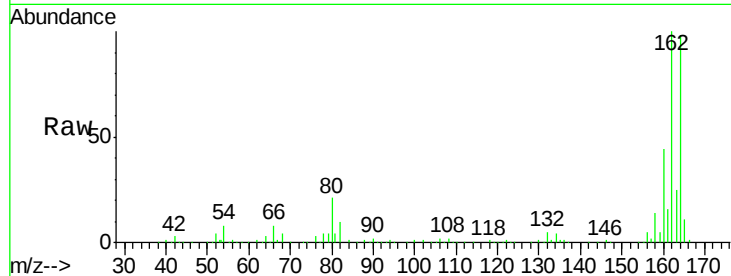




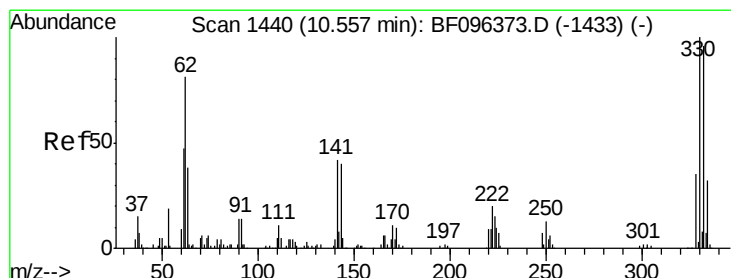
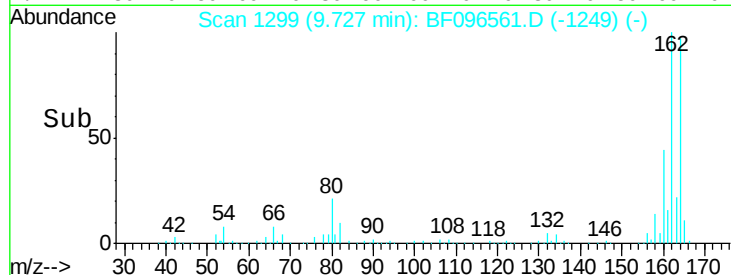
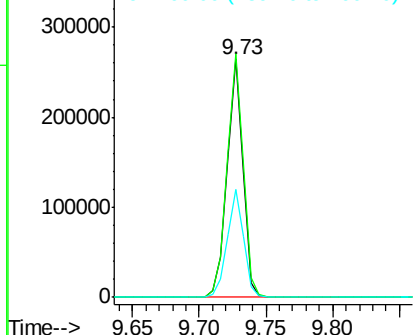
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096561.D
 Acq: 7 Jul 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF006-01

Tgt Ion:164 Resp: 223782
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 45.1 36.2 54.2

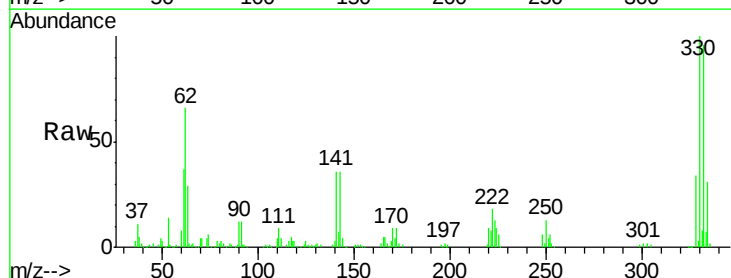


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

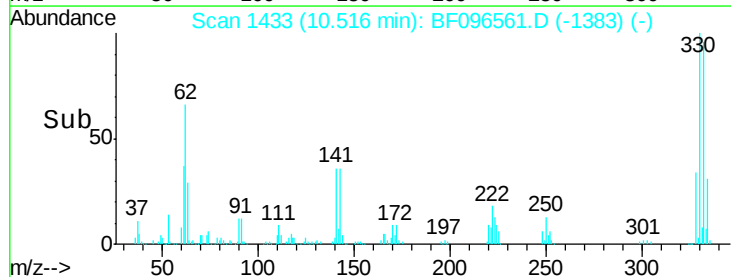
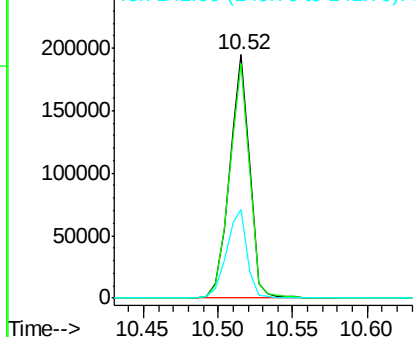


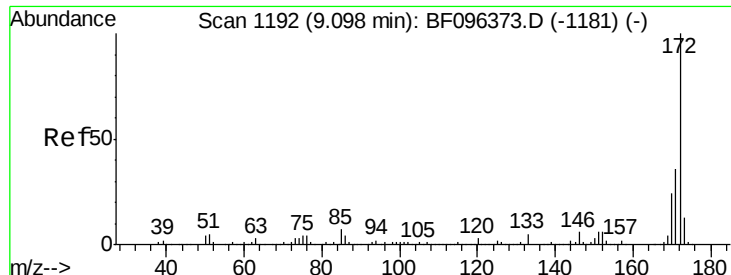
#41
 2,4,6-Tribromophenol
 Concen: 106.221 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096561.D
 Acq: 7 Jul 2017 16:09

Tgt Ion:330 Resp: 185676
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 37.5 31.4 47.2



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

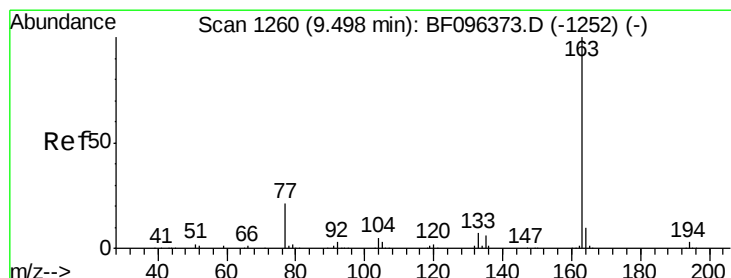
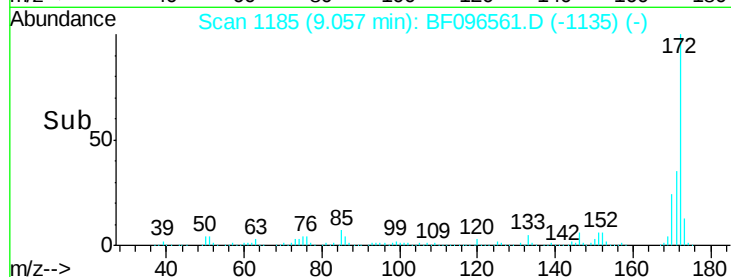
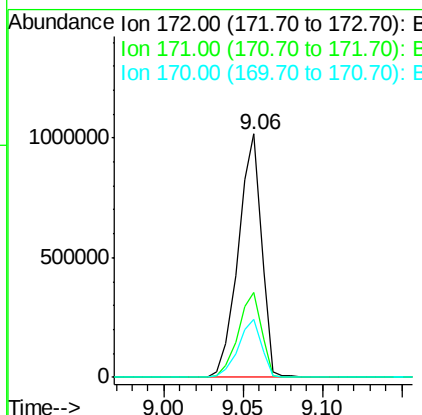
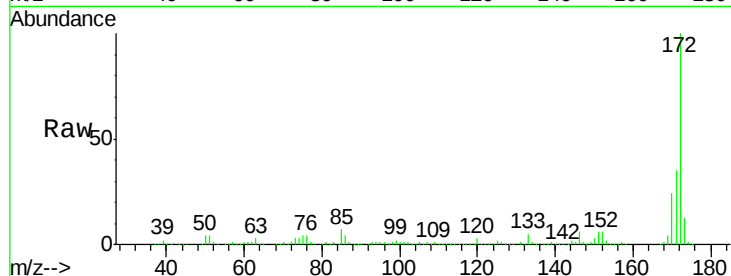




#44
 2-Fluorobiphenyl
 Concen: 78.789 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096561.D
 Acq: 7 Jul 2017 16:09

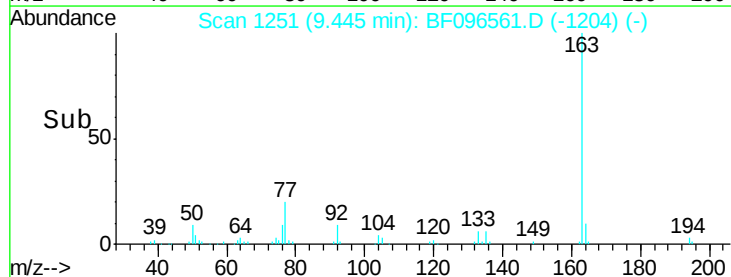
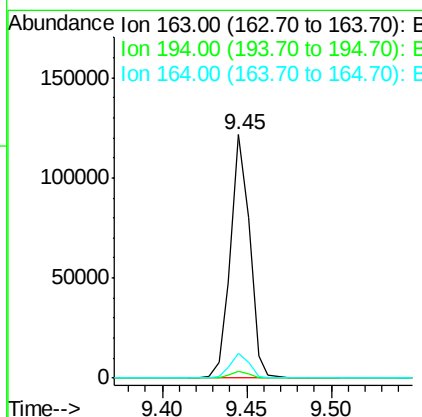
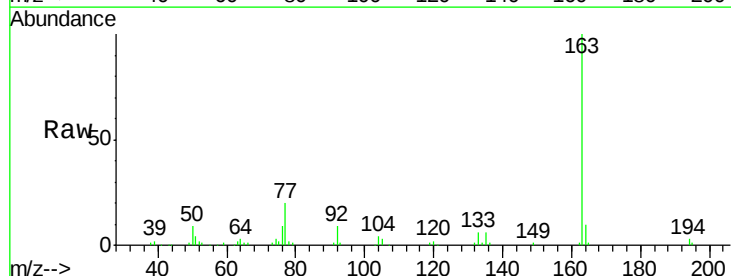
Instrument :
 BNA_F
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 PET-BF006-01

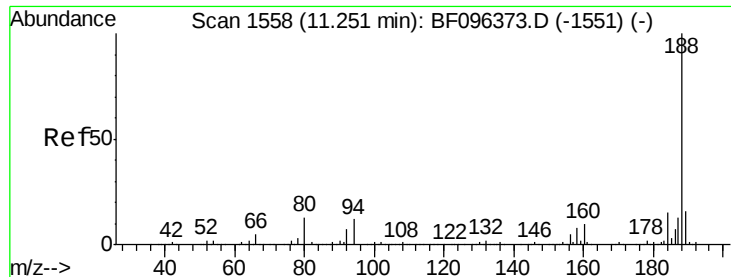
Tgt Ion:172 Resp: 1031227
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 24.1 19.8 29.8



#49
 Dimethylphthalate
 Concen: 5.786 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096561.D
 Acq: 7 Jul 2017 16:09

Tgt Ion:163 Resp: 96654
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.6 4.0
 164 10.4 8.4 12.6

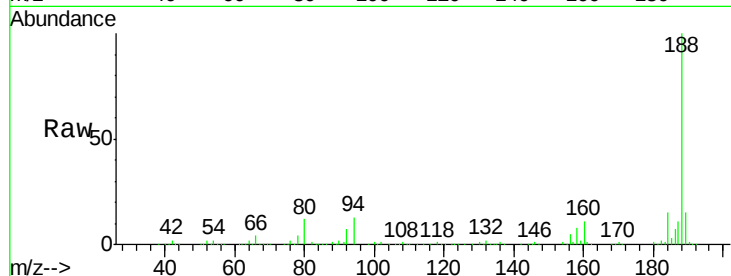




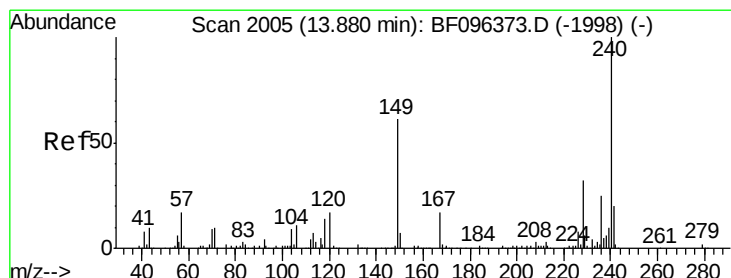
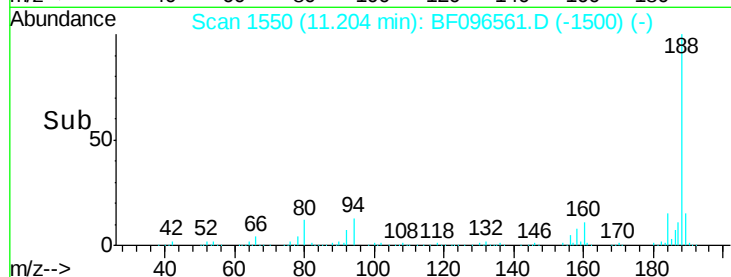
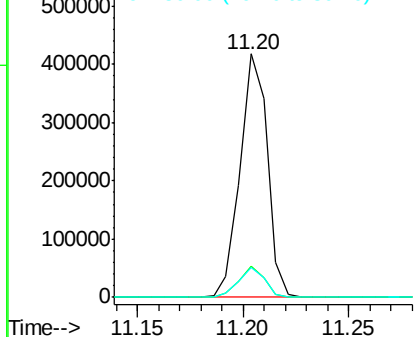
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096561.D
Acq: 7 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :
PET-BF006-01

Tgt Ion:188 Resp: 374592
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 12.3 10.2 15.2

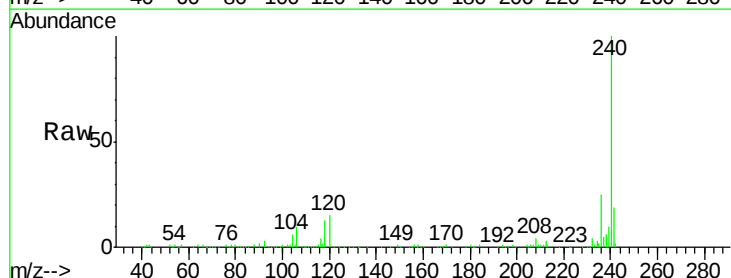


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

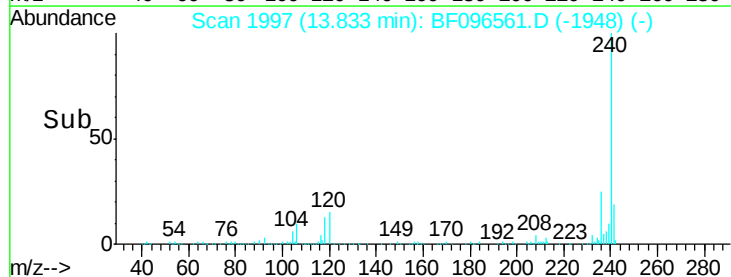
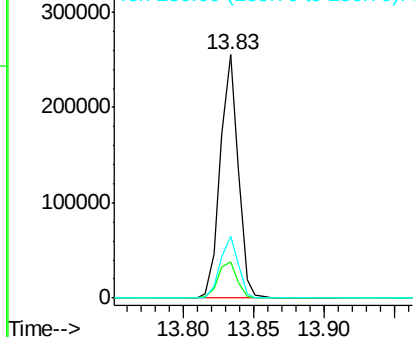


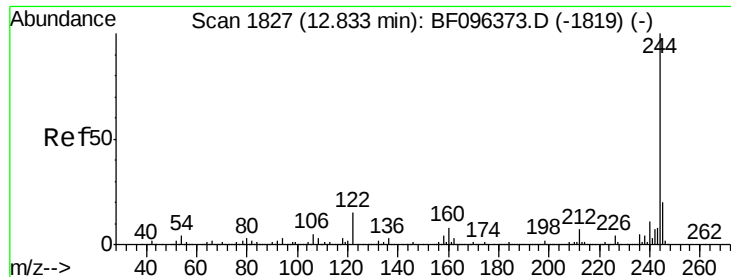
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096561.D
Acq: 7 Jul 2017 16:09

Tgt Ion:240 Resp: 226147
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.3 20.5 30.7



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: 75.737 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PET-BF006-01

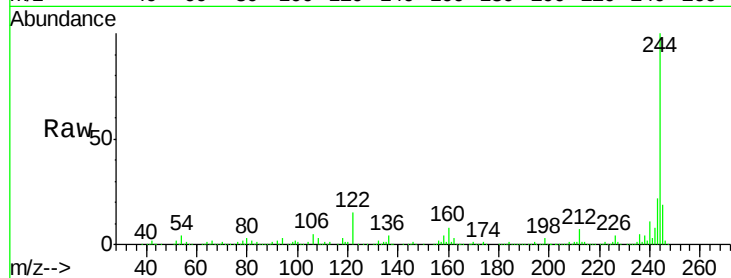
Tgt Ion:244 Resp: 801543

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

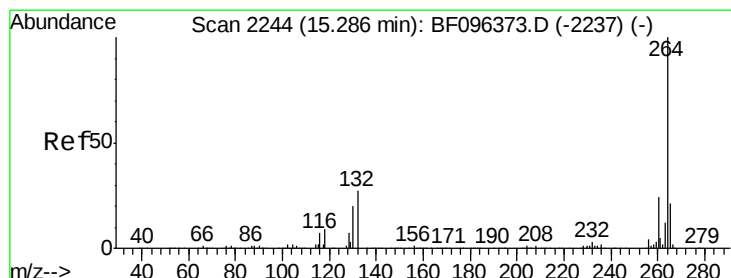
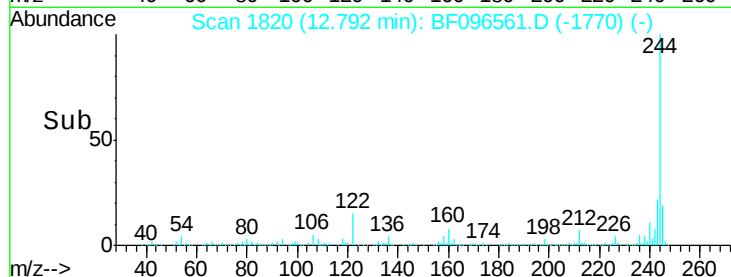
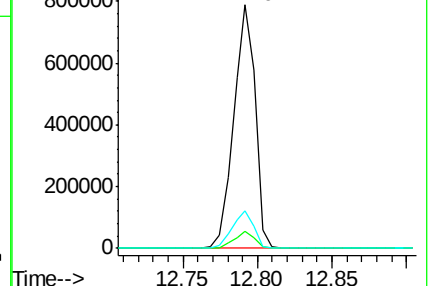
122 15.2 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF096561.D

Acq: 7 Jul 2017 16:09

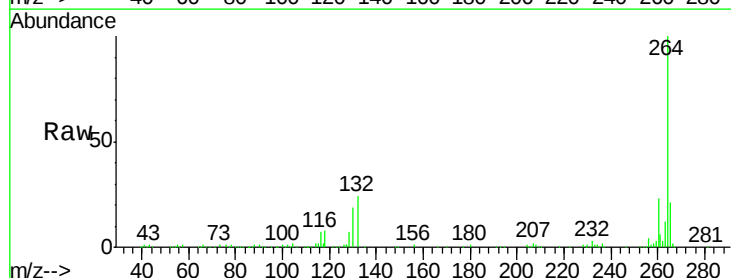
Tgt Ion:264 Resp: 176993

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.1 17.2 25.8



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

