

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100476.D
 Acq On : 12 Nov 2017 8:22
 Operator : SJ/JU
 Sample : I6402-03
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-U-B

Quant Time: Nov 13 06:10:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

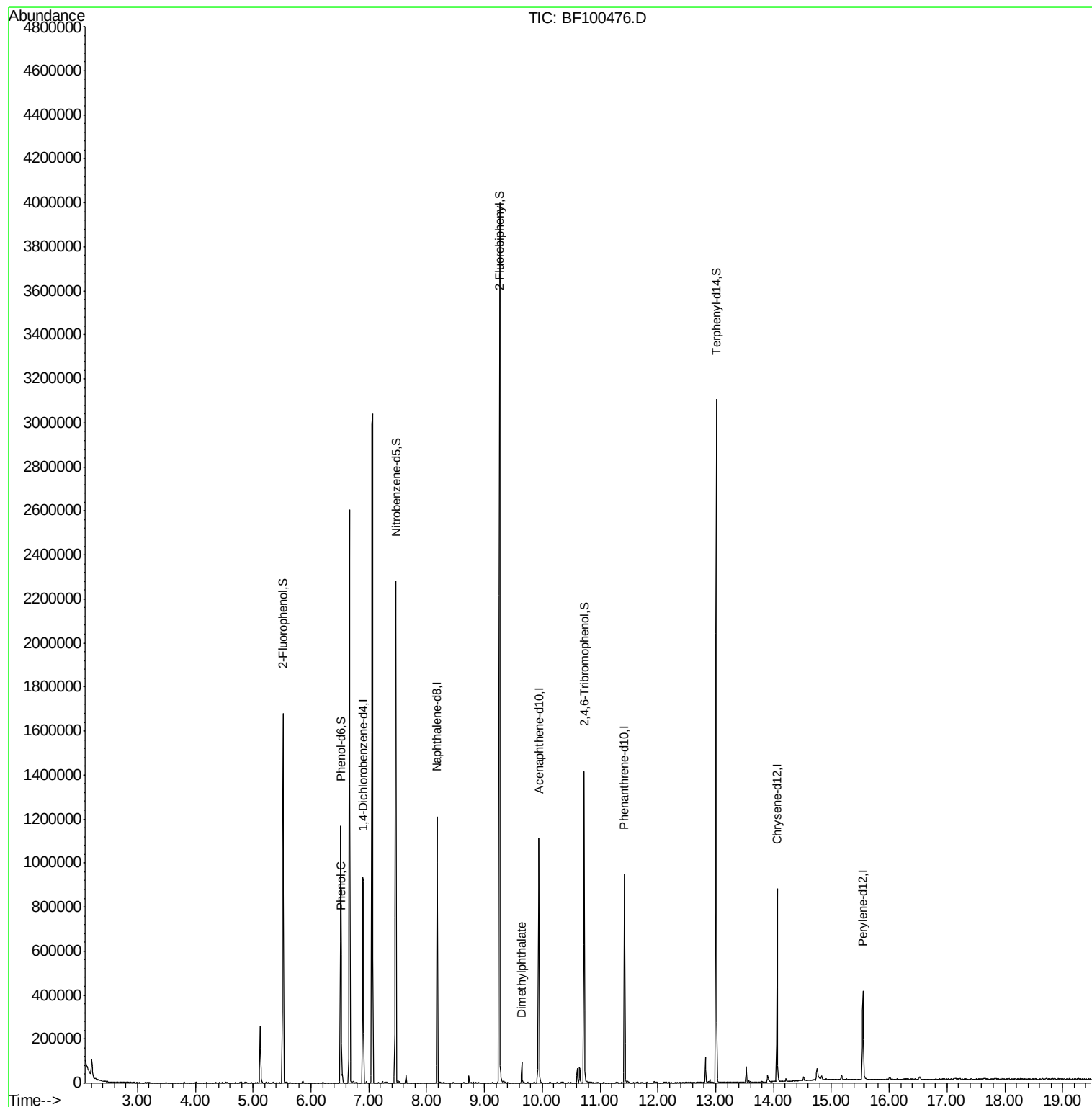
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146048	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	532235	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	221108	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	341231	20.00	ng	0.00
75) Chrysene-d12	14.06	240	293184	20.00	ng	0.00
86) Perylene-d12	15.54	264	208802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	416166	45.68	ng	0.00
7) Phenol-d6	6.52	99	321470	28.61	ng	-0.01
23) Nitrobenzene-d5	7.46	82	885870	110.04	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	188794	83.79	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1471259	101.32	ng	0.00
78) Terphenyl-d14	13.01	244	1048363	82.16	ng	0.00
Target Compounds						
10) Phenol	6.53	94	30572	2.592	ng	99
49) Dimethylphthalate	9.65	163	38675	2.291	ng	99

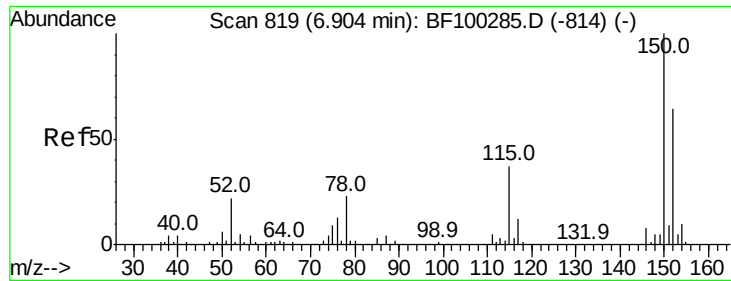
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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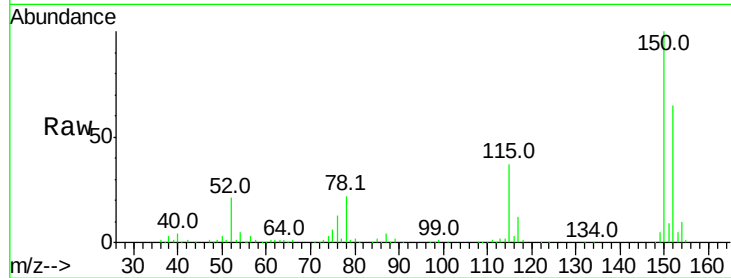


#1

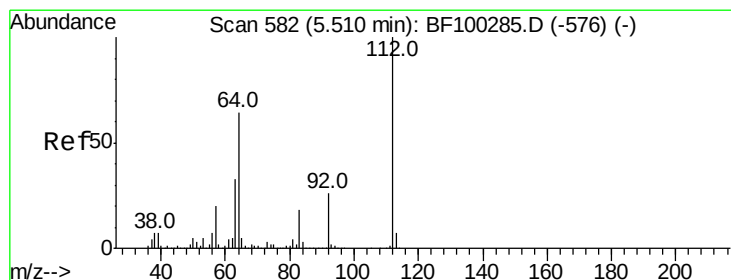
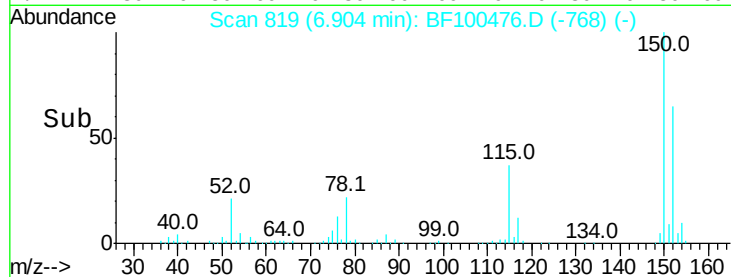
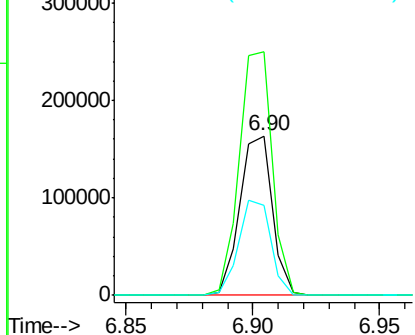
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100476.D
Acq: 12 Nov 2017 8:22

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-U-B

Tot Ion:152 Resp: 146048
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 56.4 50.1 75.1



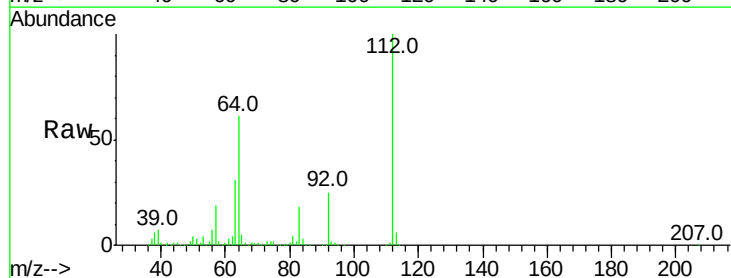
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



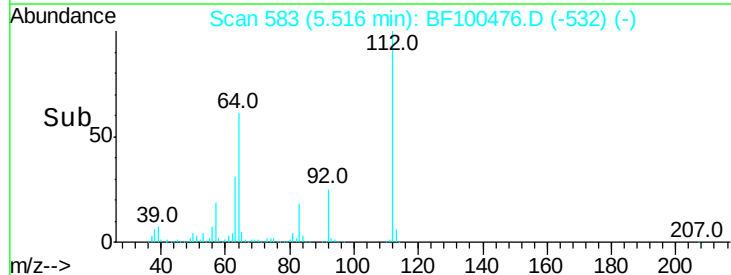
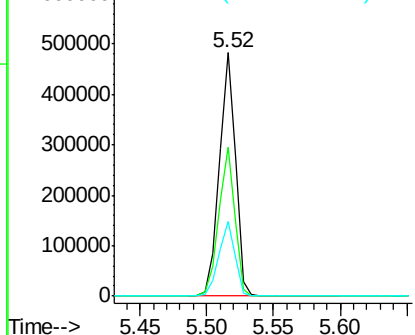
#5

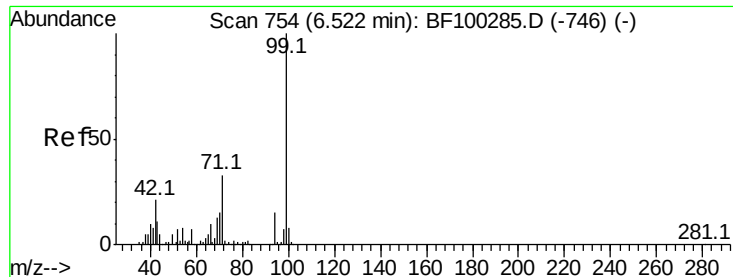
2-Fluorophenol
Concen: 45.677 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100476.D
Acq: 12 Nov 2017 8:22

Tgt Ion:112 Resp: 416166
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 30.6 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: 28.613 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-B

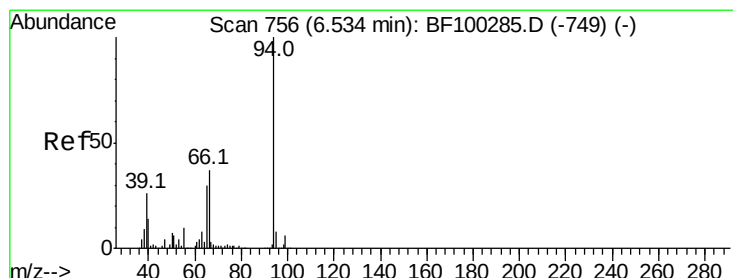
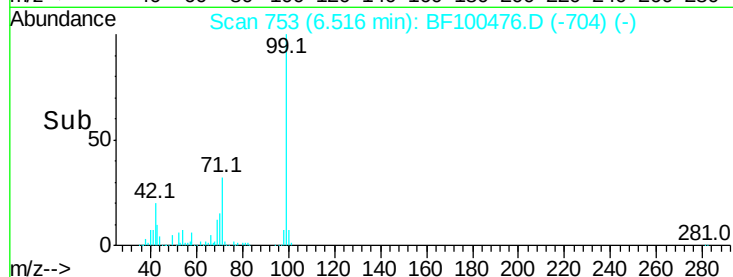
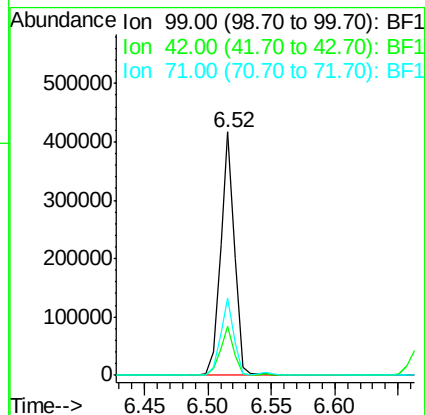
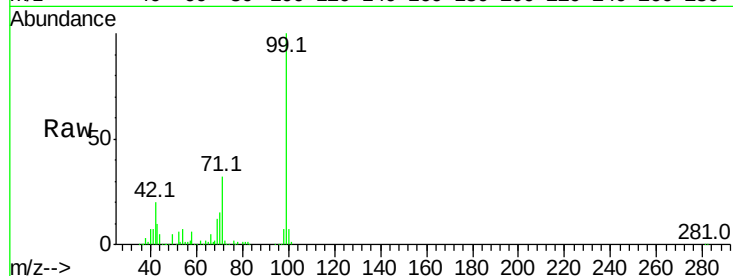
Tot Ion: 99 Resp: 321470

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 31.7 25.4 38.0



#10

Phenol

Concen: 2.592 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

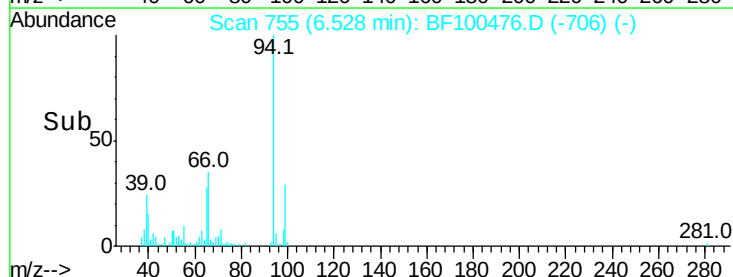
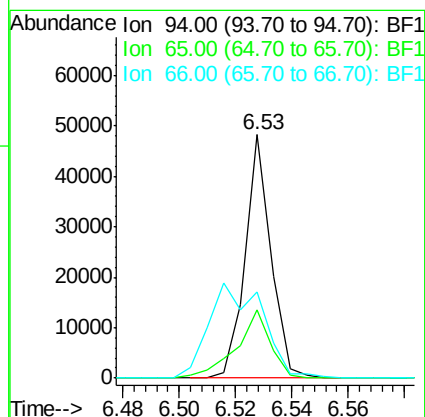
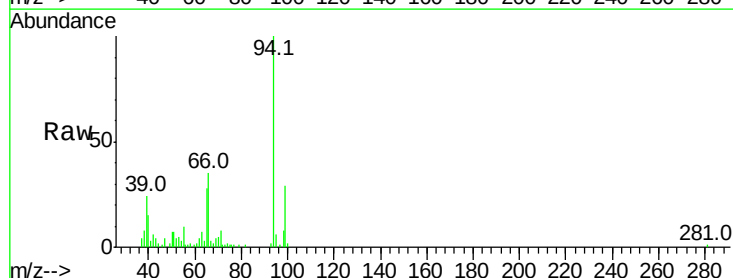
Tgt Ion: 94 Resp: 30572

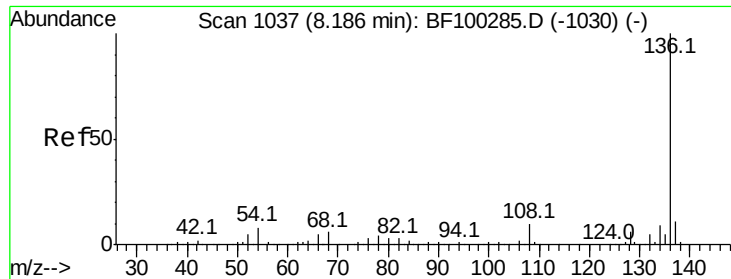
Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 35.1 16.2 56.2

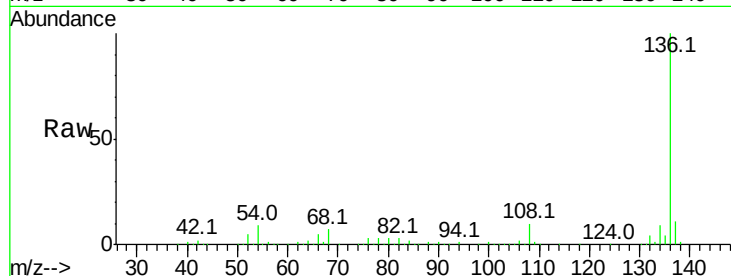




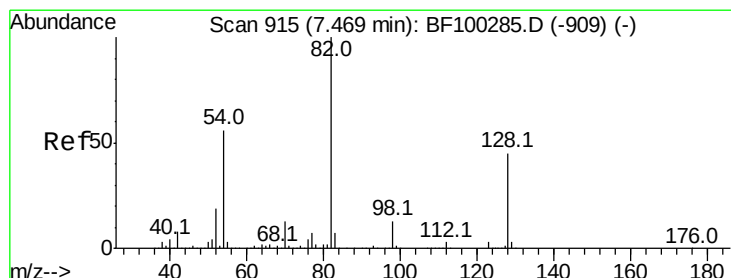
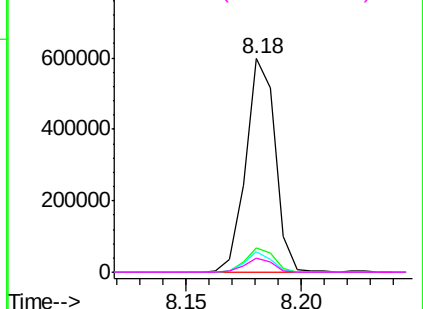
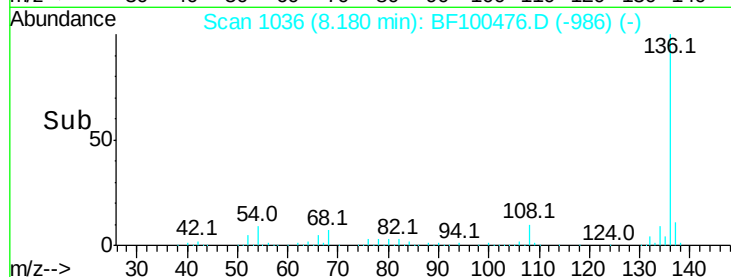
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100476.D
Acq: 12 Nov 2017 8:22

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-U-B

Tot Ion:136	Resp: 532235
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 9.5	6.6 9.8
68 6.7	5.0 7.4

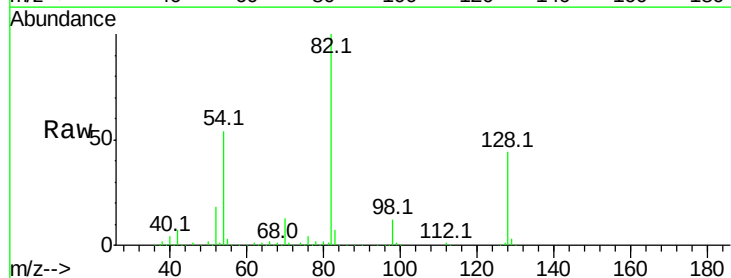


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

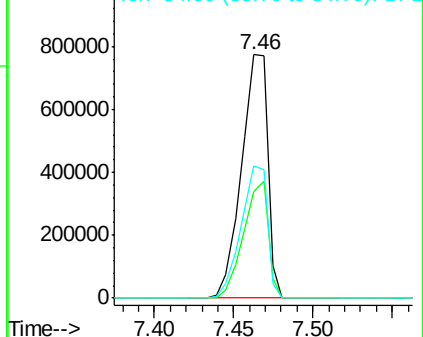
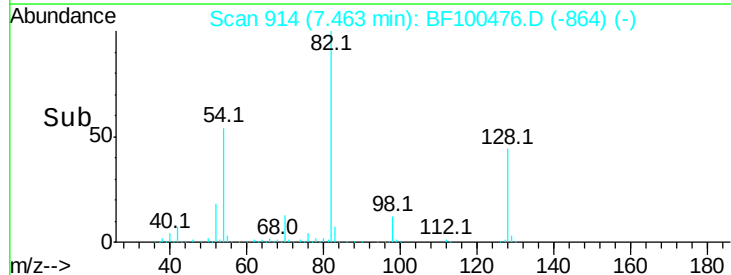


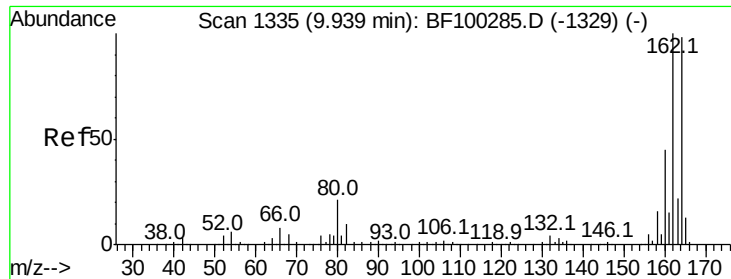
#23
Nitrobenzene-d5
Concen: 110.041 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100476.D
Acq: 12 Nov 2017 8:22

Tgt Ion: 82	Resp: 885870
Ion Ratio	Lower Upper
82 100	
128 44.1	36.1 54.1
54 54.5	41.4 62.2



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

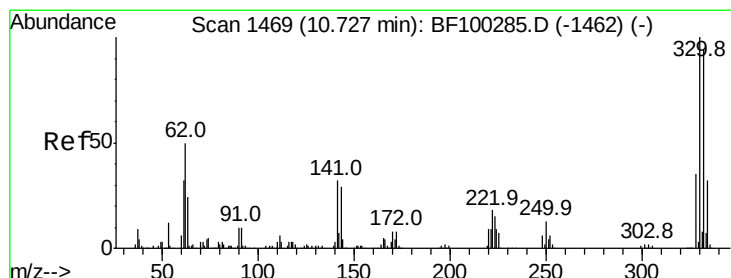
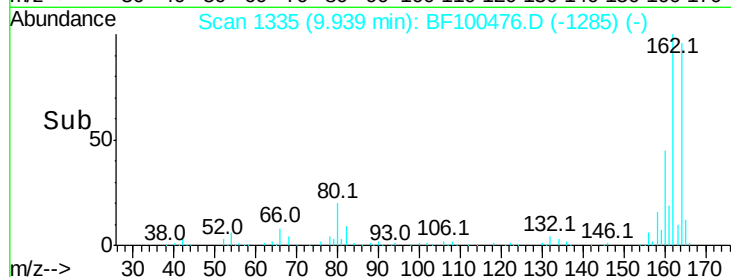
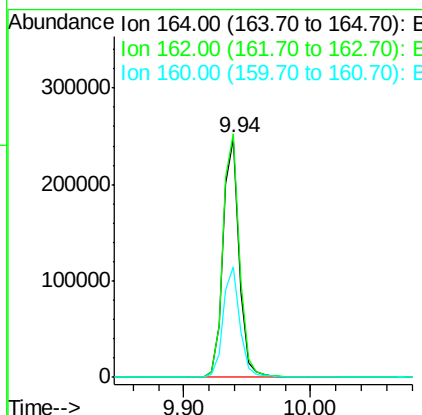
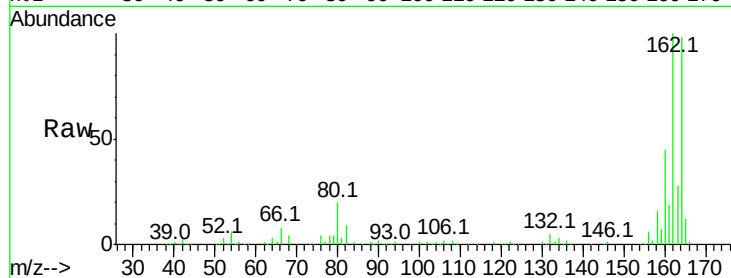




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100476.D
 Acq: 12 Nov 2017 8:22

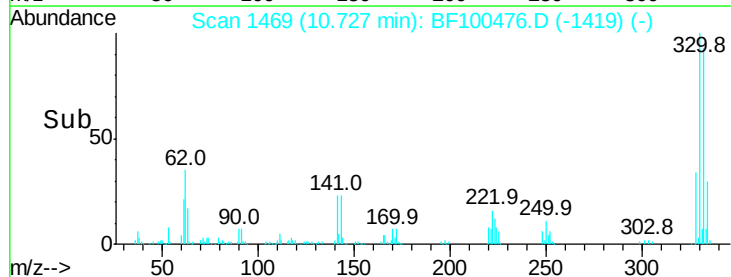
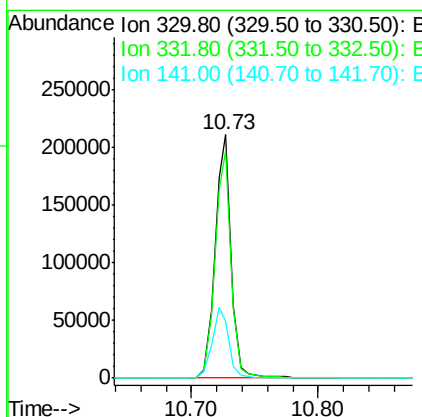
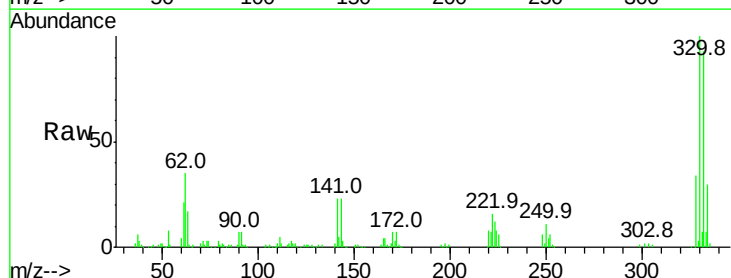
Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-U-B

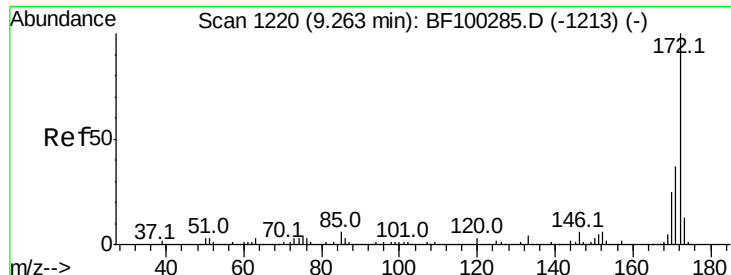
Tot Ion:164 Resp: 221108
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 46.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.793 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100476.D
 Acq: 12 Nov 2017 8:22

Tgt Ion:330 Resp: 188794
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 30.1 29.9 44.9

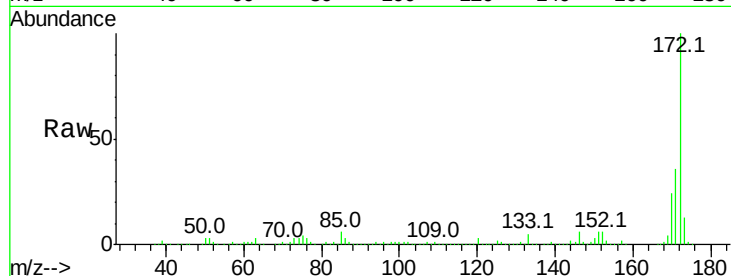




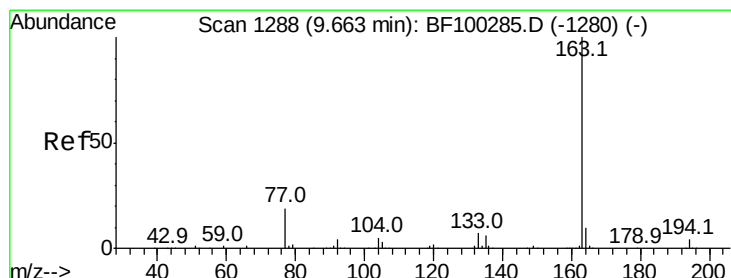
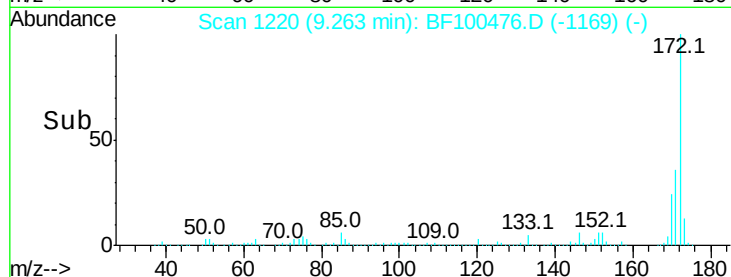
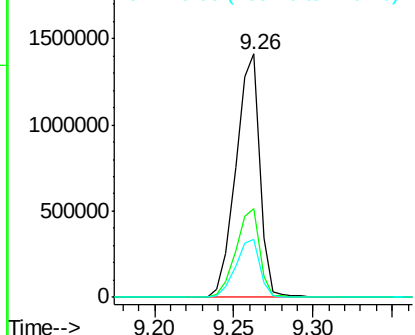
#44
2-Fluorobiphenyl
Concen: 101.322 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100476.D
Acq: 12 Nov 2017 8:22

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-U-B

Tot Ion:172 Resp: 1471259
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.1 19.6 29.4

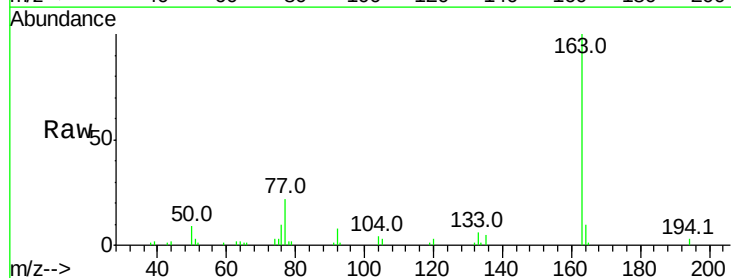


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

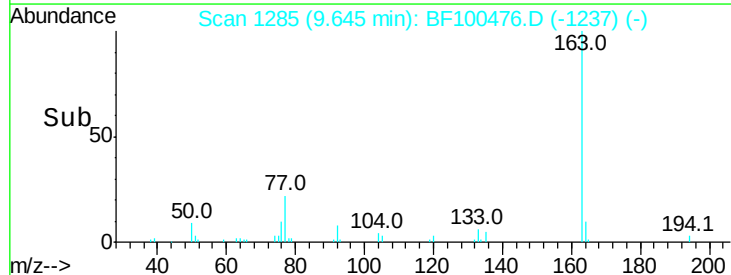
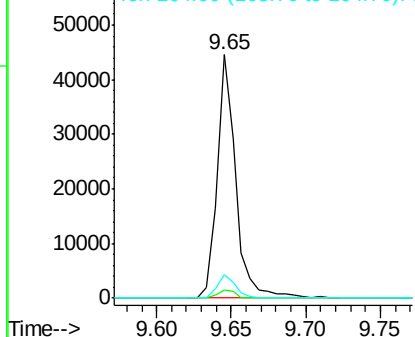


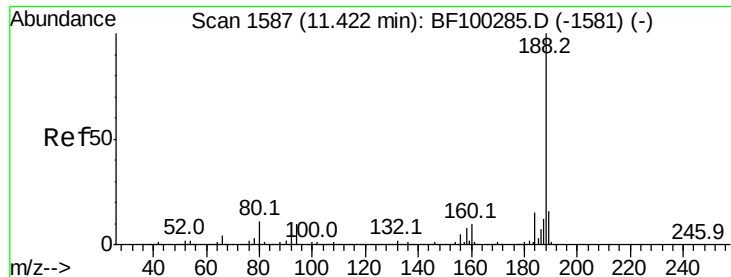
#49
Dimethylphthalate
Concen: 2.291 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100476.D
Acq: 12 Nov 2017 8:22

Tgt Ion:163 Resp: 38675
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 8.2 12.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-B

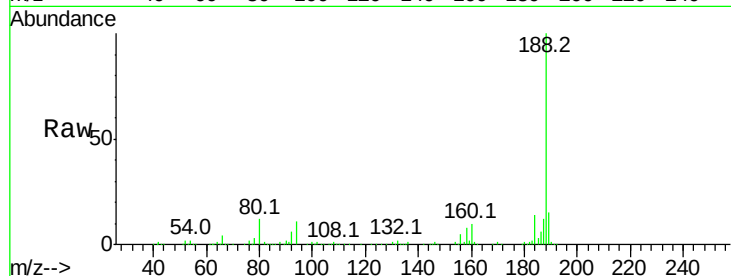
Tot Ion:188 Resp: 341231

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

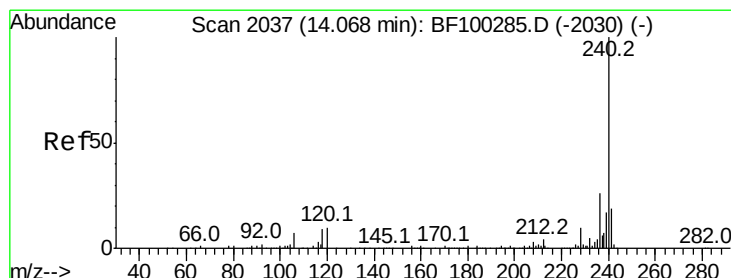
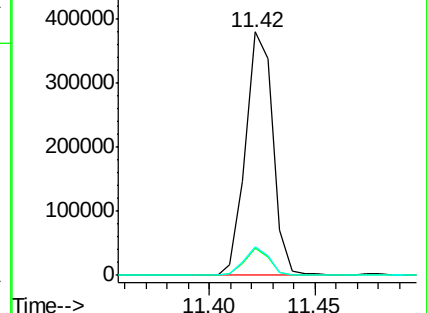
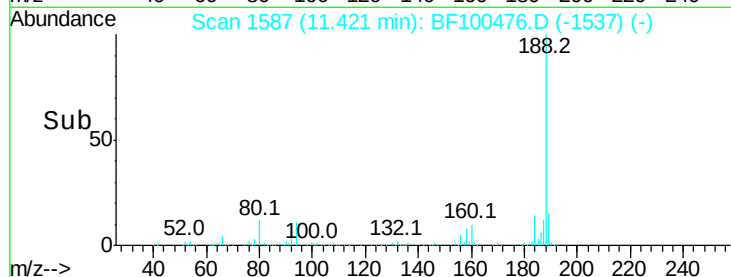
80 11.7 9.2 13.8



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: BF100476.D

Acq: 12 Nov 2017 8:22

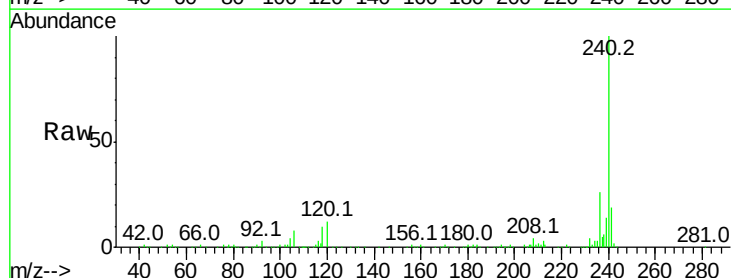
Tgt Ion:240 Resp: 293184

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

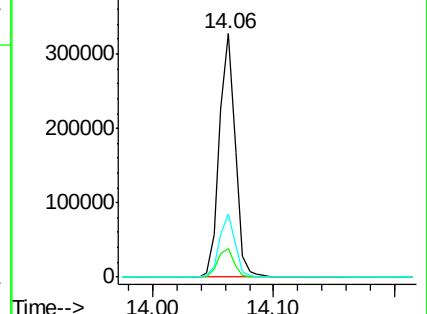
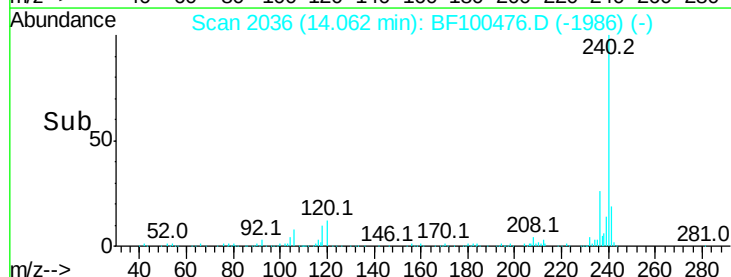
236 26.1 20.7 31.1

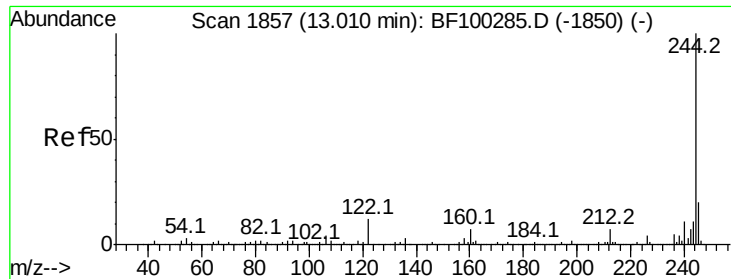


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.161 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

Instrument :

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ClientSampleId :

110717-TIDO-F-U-B

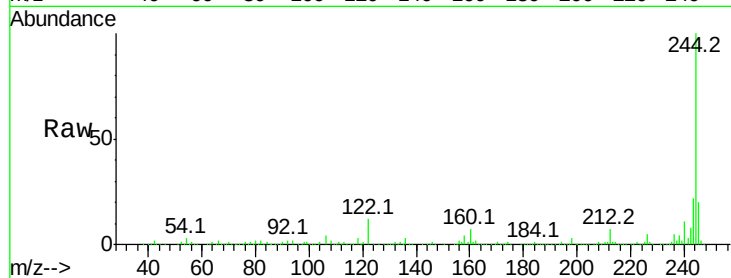
Tot Ion:244 Resp: 1048363

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

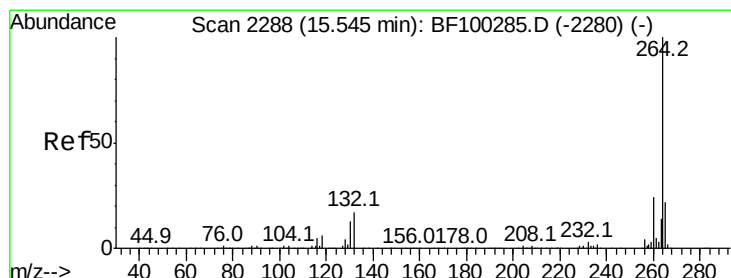
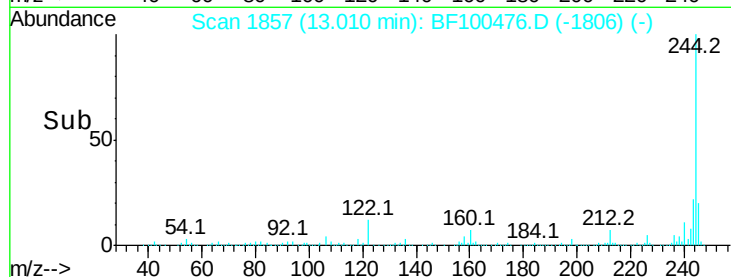
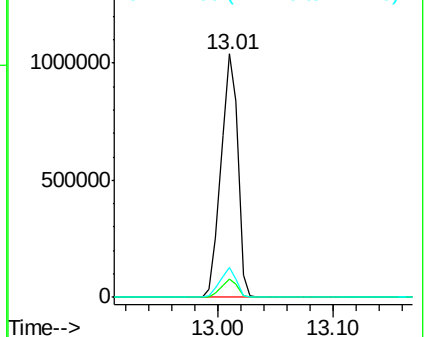
122 12.0 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

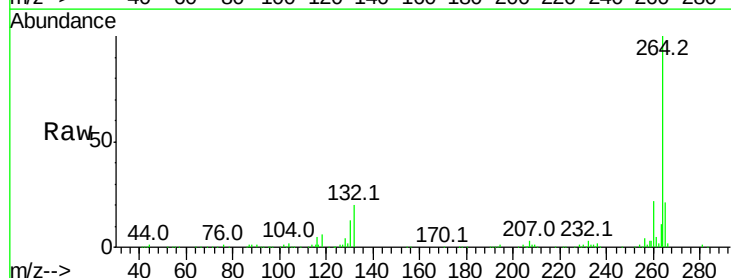
Tgt Ion:264 Resp: 208802

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 21.2 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

