

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100786.D
 Acq On : 21 Nov 2017 17:52
 Operator : SJ/JU
 Sample : I6537-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV22482L

Quant Time: Nov 22 06:18:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

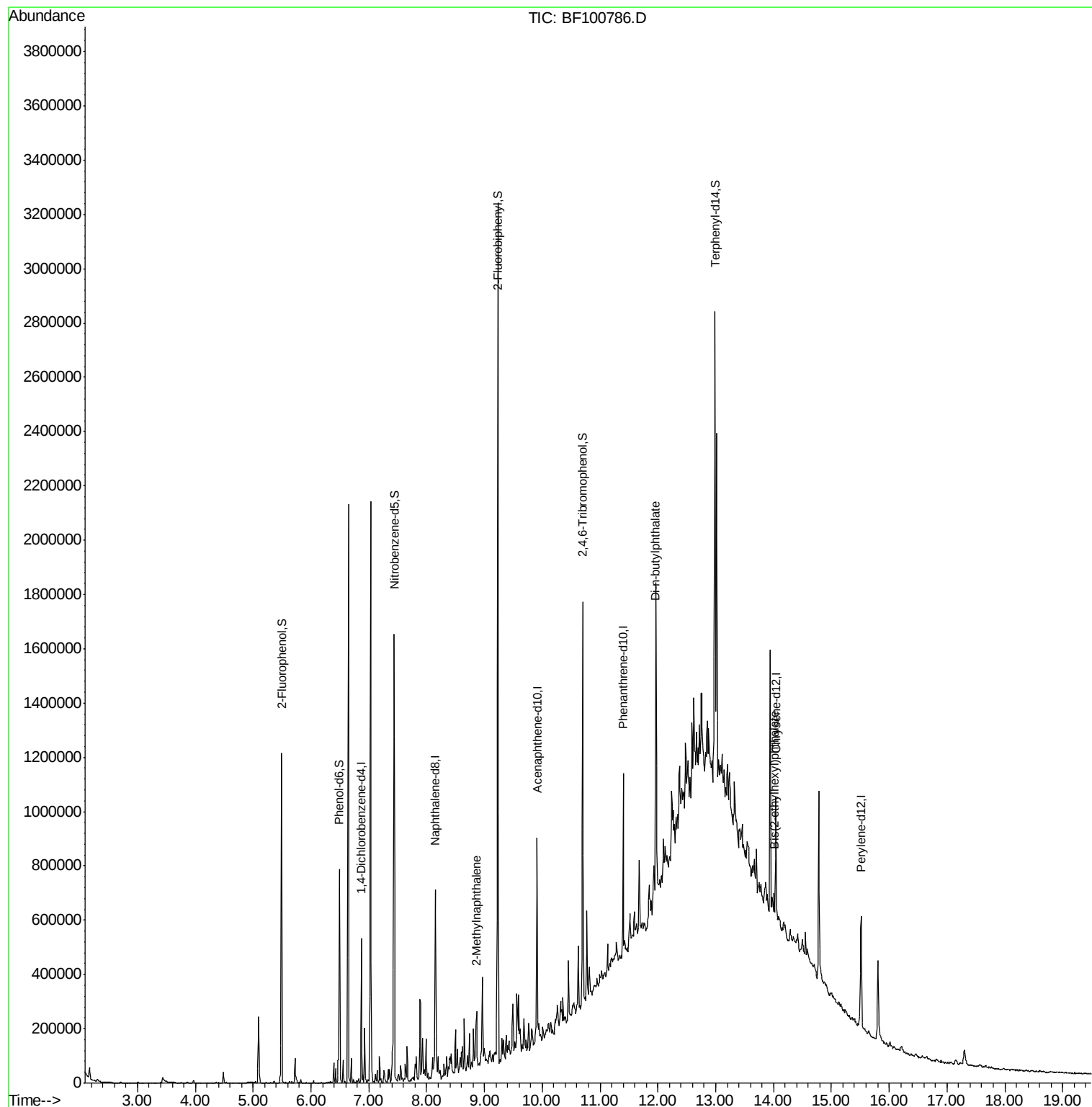
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	83622	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	316164	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	141046	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	226821	20.00	ng	0.00
75) Chrysene-d12	14.04	240	159480	20.00	ng	0.00
86) Perylene-d12	15.52	264	189652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	347221	66.56	ng	0.00
7) Phenol-d6	6.49	99	260131	40.44	ng	-0.02
23) Nitrobenzene-d5	7.44	82	581779	121.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	212434	147.80	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1105599	119.36	ng	0.00
78) Terphenyl-d14	12.99	244	710987	102.44	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.86	142	49315	4.878	ng	Qvalue 97
73) Di-n-butylphthalate	11.96	149	42695	3.263	ng	96
83) Bis(2-ethylhexyl)phthalate	14.01	149	18313	3.003	ng	# 93

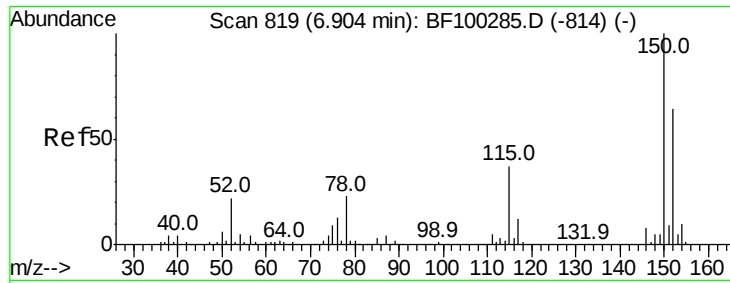
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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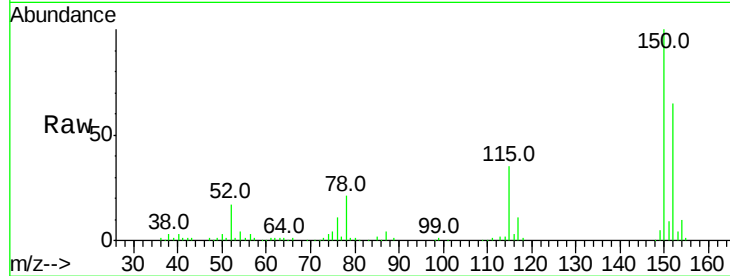


#1

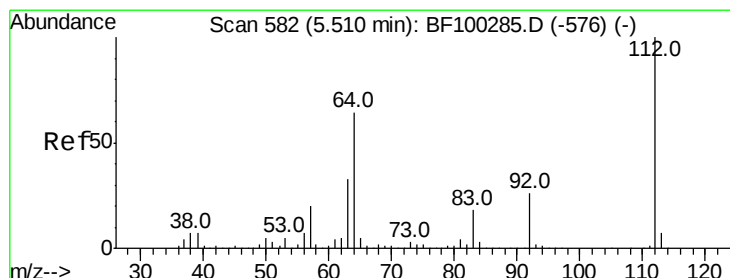
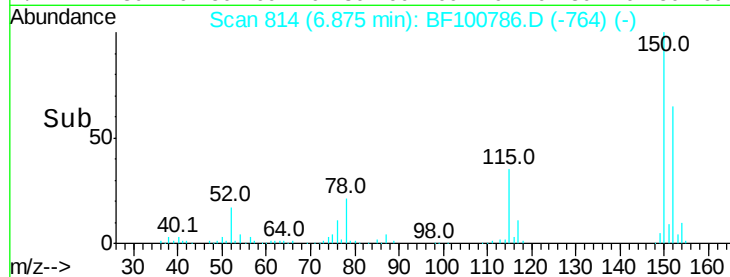
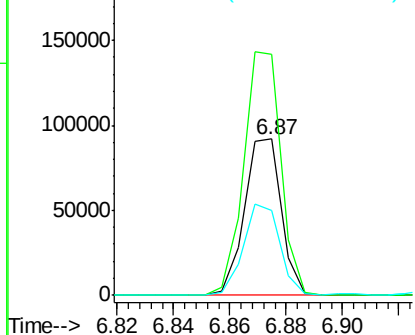
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Instrument :
BNA_F
ClientSampleId :
SV22482L

Tot Ion:152 Resp: 83622
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 54.2 50.1 75.1



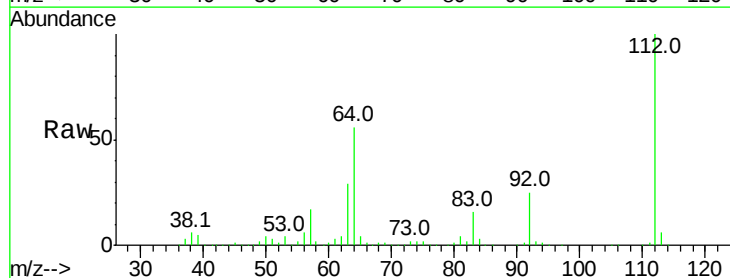
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



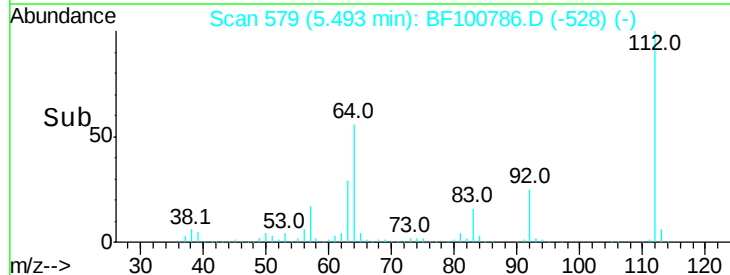
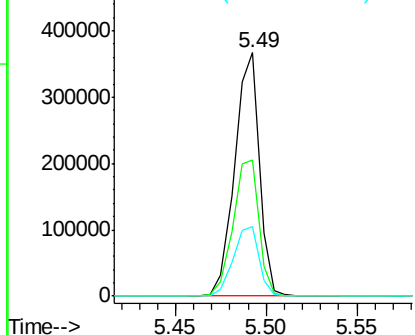
#5

2-Fluorophenol
Concen: 66.560 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Tgt Ion:112 Resp: 347221
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 28.6 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: 40.438 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

Instrument :

BNA_F

ClientSampleId :

SV22482L

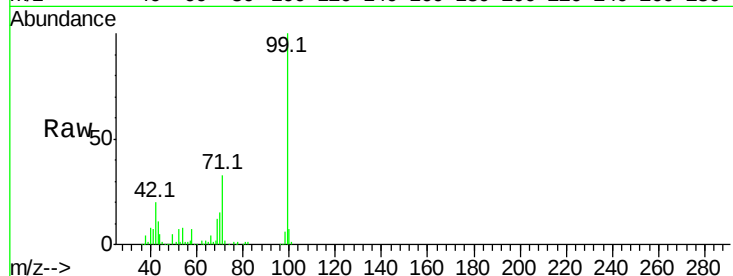
Tot Ion: 99 Resp: 260131

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

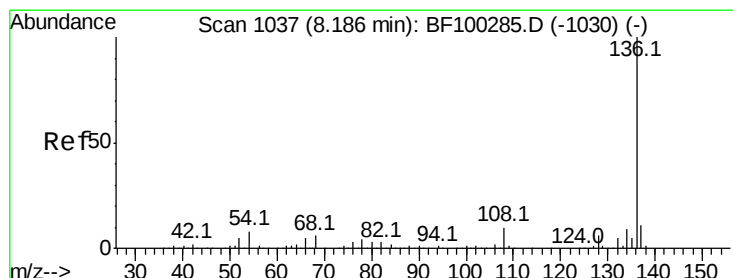
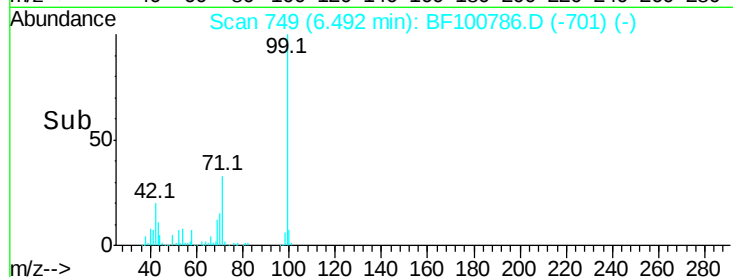
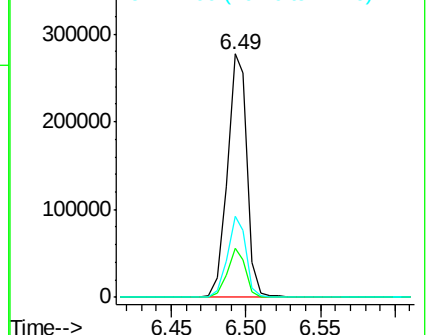
71 33.1 25.4 38.0



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: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

Tgt Ion: 136 Resp: 316164

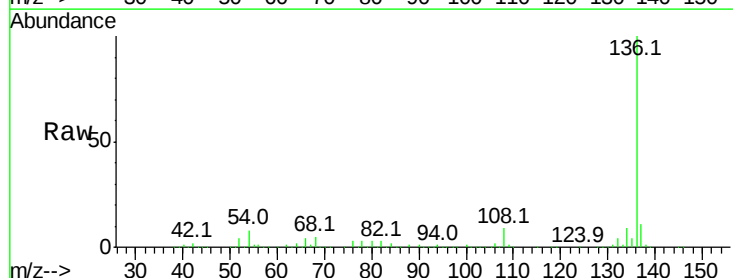
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 5.4 5.0 7.4

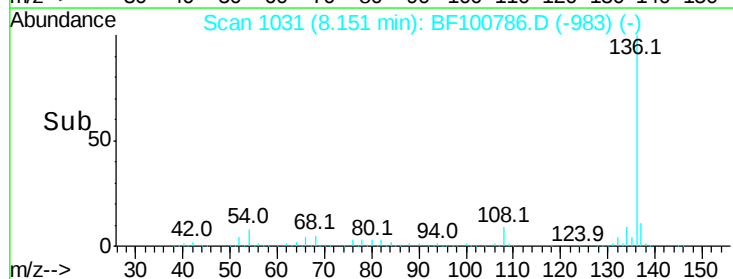
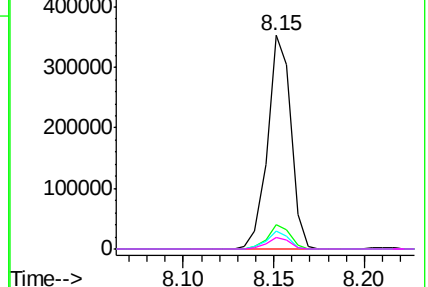


Abundance Ion 136.00 (135.70 to 136.70): E

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

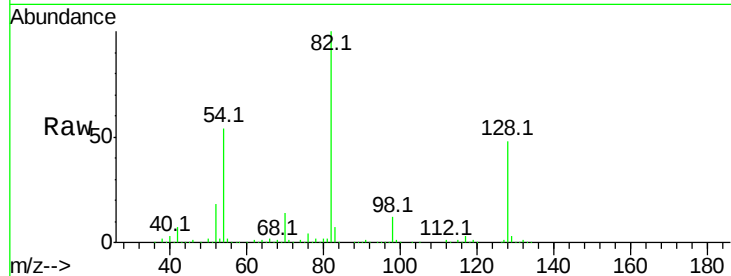




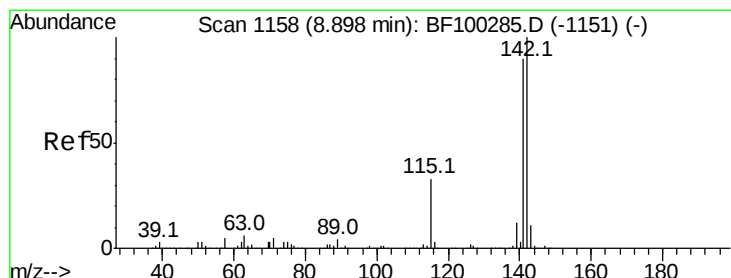
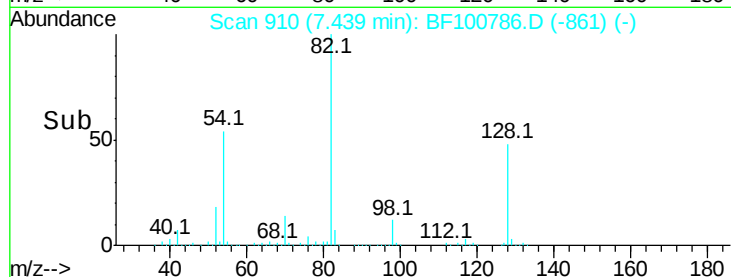
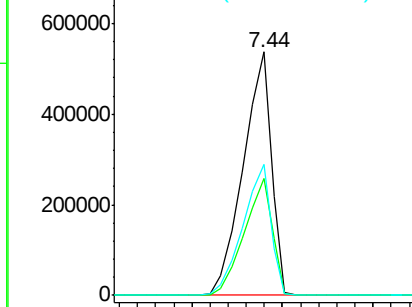
#23
Nitrobenzene-d5
Concen: 121.656 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Instrument :
BNA_F
ClientSampleId :
SV22482L

Tot Ion: 82 Resp: 581779
Ion Ratio Lower Upper
82 100
128 47.8 36.1 54.1
54 54.0 41.4 62.2

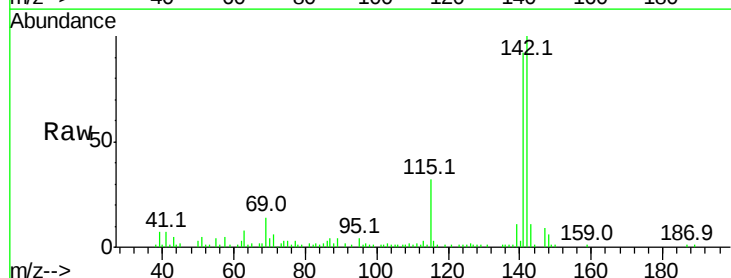


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

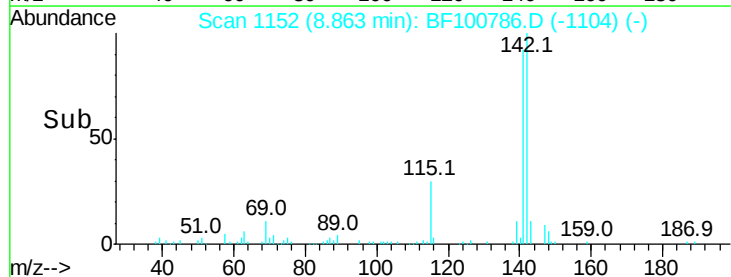
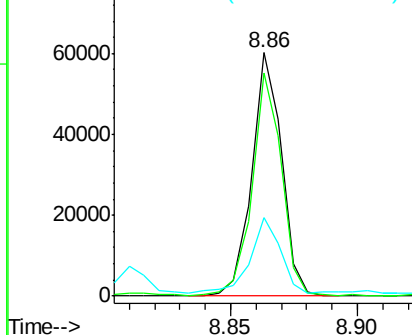


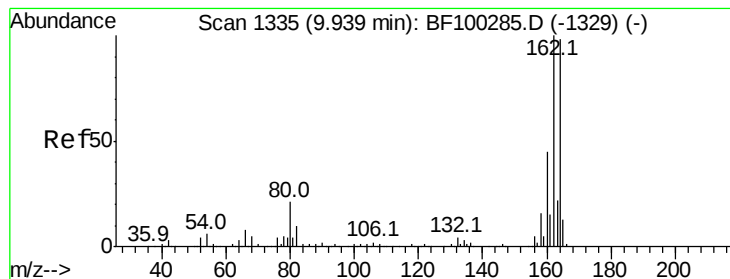
#37
2-Methylnaphthalene
Concen: 4.878 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Tgt Ion: 142 Resp: 49315
Ion Ratio Lower Upper
142 100
141 91.8 70.8 106.2
115 32.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): BF1
Ion 141.00 (140.70 to 141.70): BF1
Ion 115.00 (114.70 to 115.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

Instrument :

BNA_F

ClientSampleId :

SV22482L

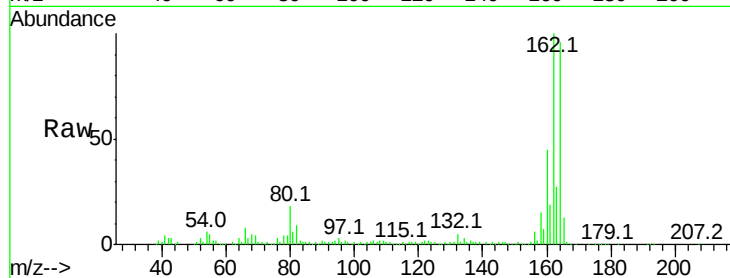
Tot Ion:164 Resp: 141046

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

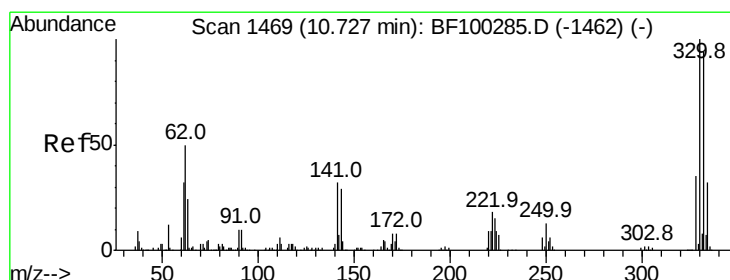
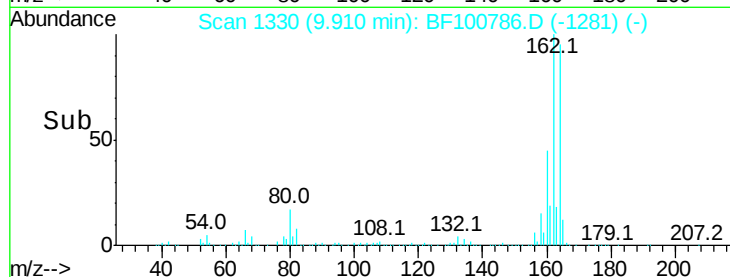
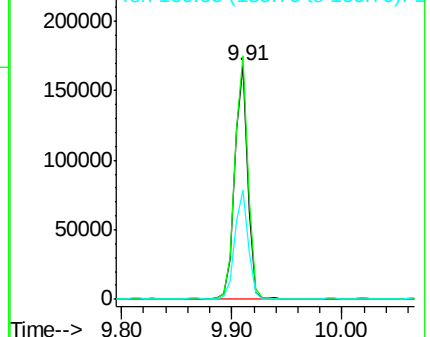
160 46.8 38.3 57.5



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: 147.805 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

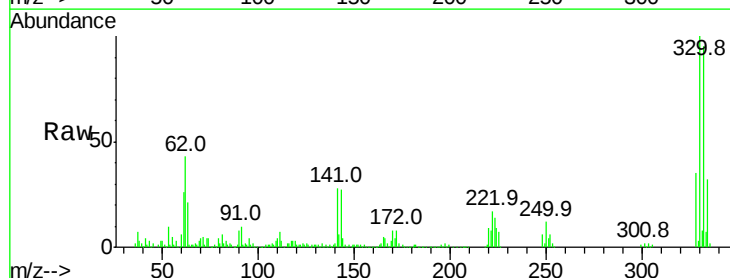
Tgt Ion:330 Resp: 212434

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

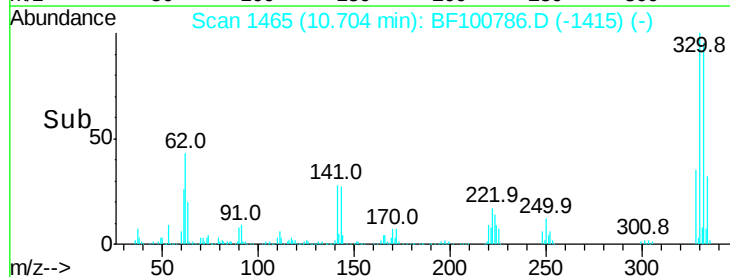
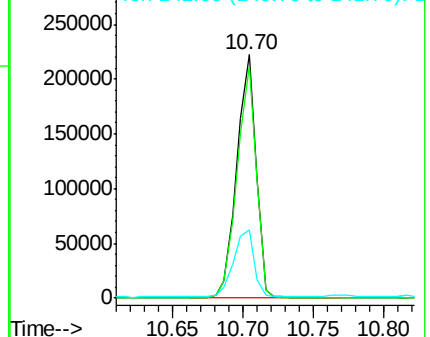
141 29.7 29.9 44.9#



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

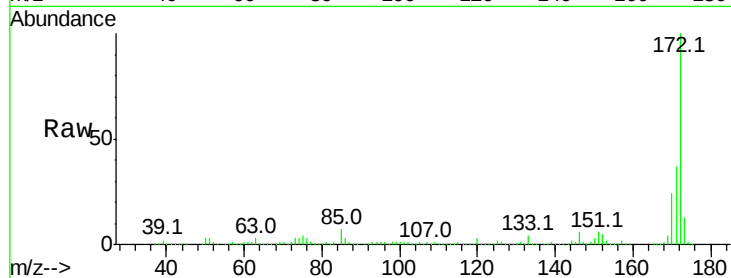




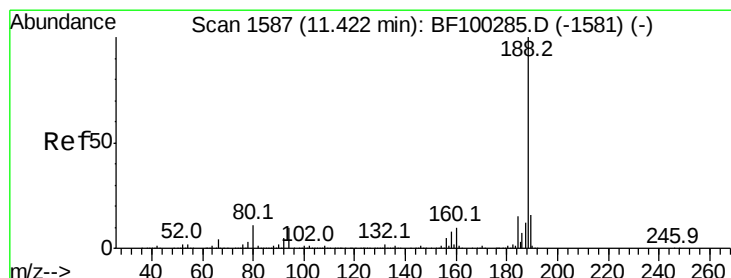
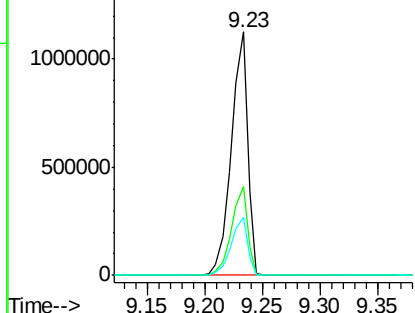
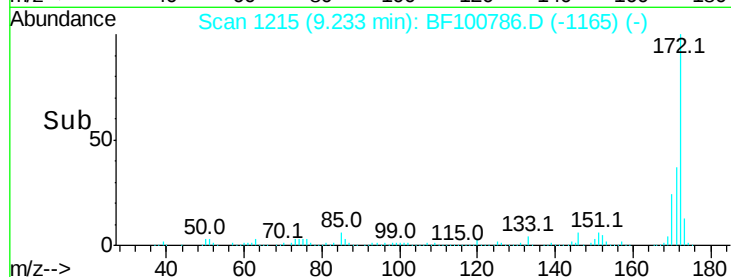
#44
2-Fluorobiphenyl
Concen: 119.359 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Instrument :
BNA_F
ClientSampleId :
SV22482L

Tot Ion:172 Resp: 1105599
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 23.9 19.6 29.4

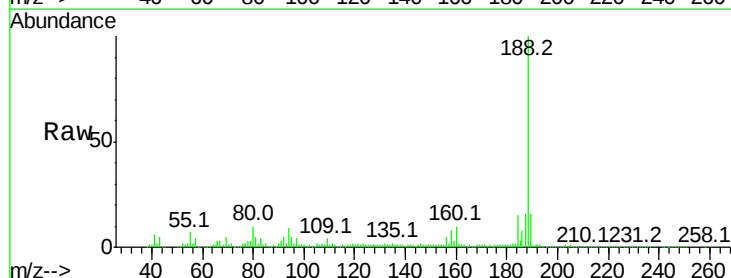


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

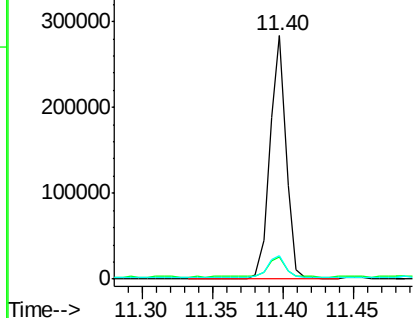
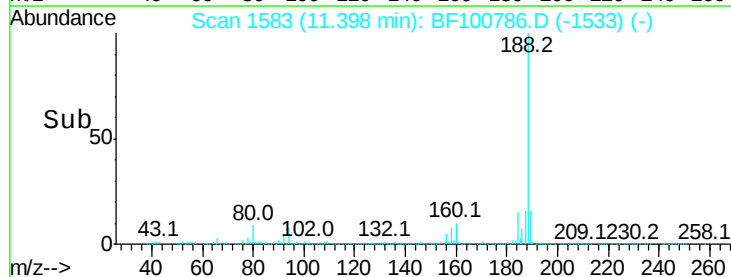


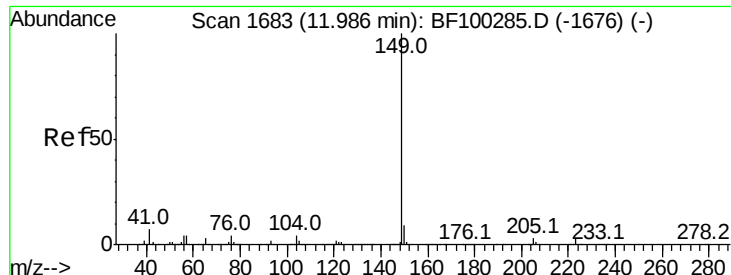
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Tgt Ion:188 Resp: 226821
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.8 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

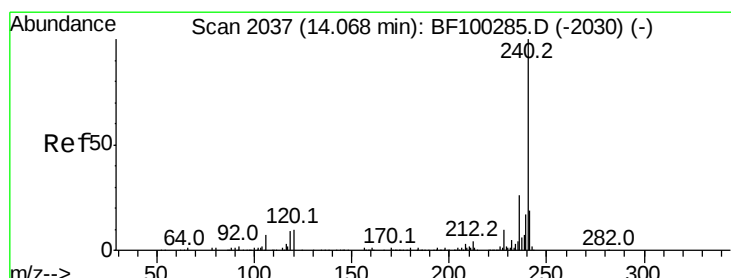
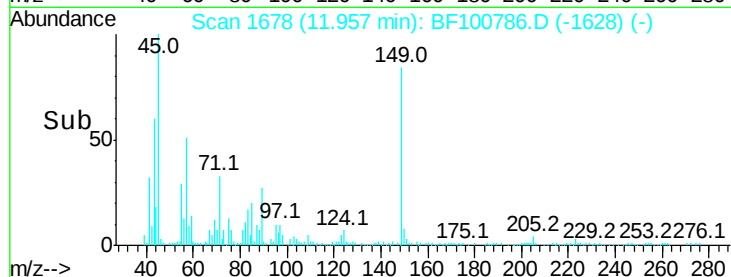
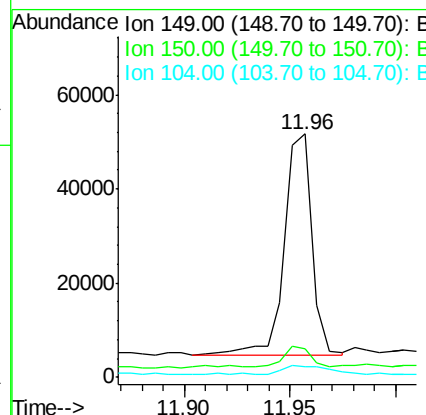
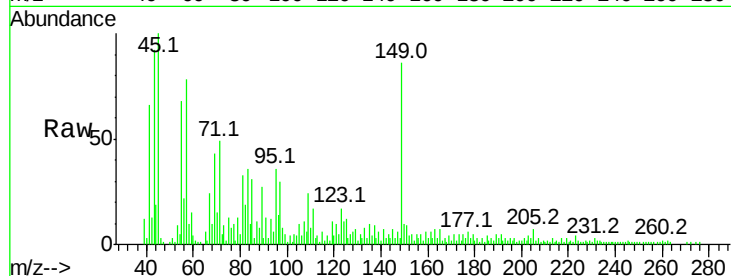




#73
Di-n-butylphthalate
Concen: 3.263 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

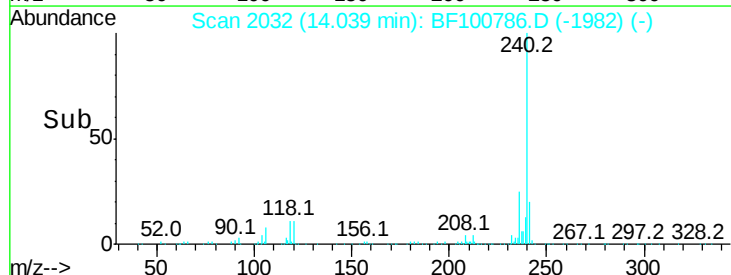
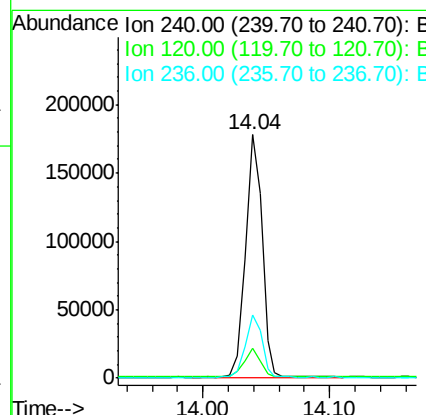
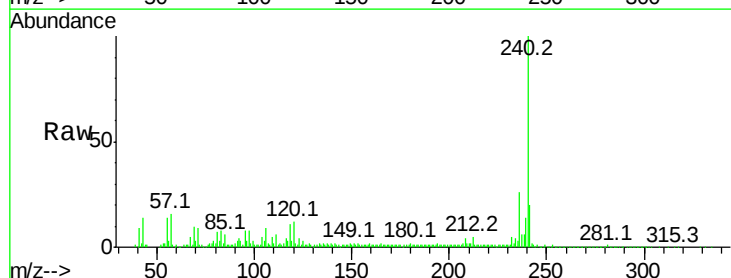
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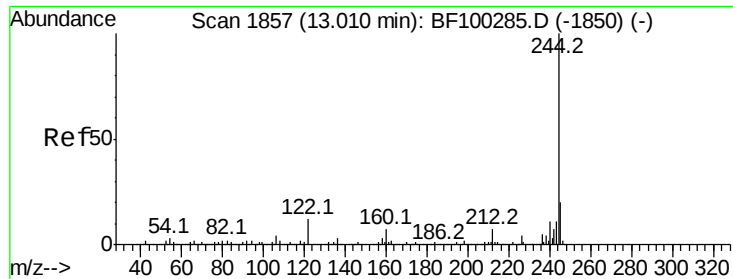
Tot Ion:149 Resp: 42695
Ion Ratio Lower Upper
149 100
150 11.6 7.8 11.6
104 4.5 3.8 5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100786.D
Acq: 21 Nov 2017 17:52

Tgt Ion:240 Resp: 159480
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 102.435 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

Instrument :

BNA_F

ClientSampleId :

SV22482L

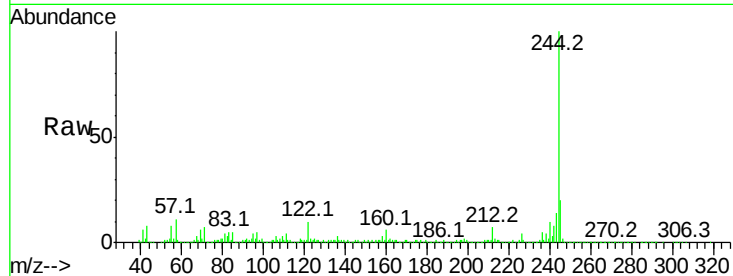
Tot Ion:244 Resp: 710987

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

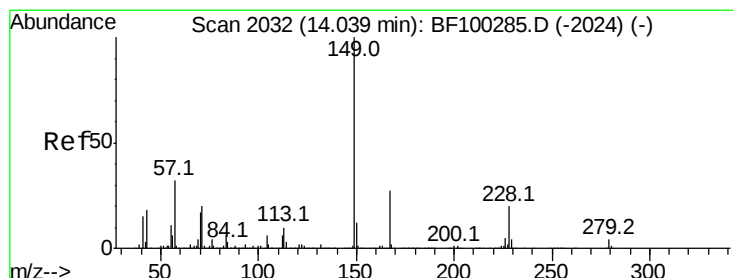
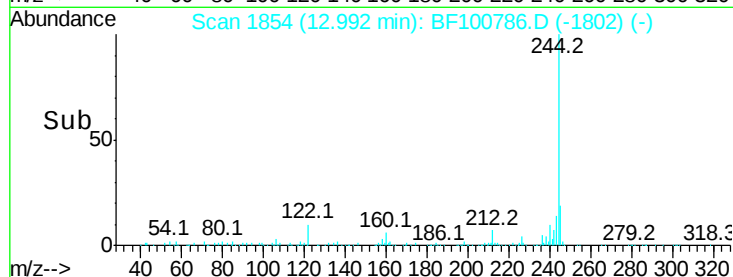
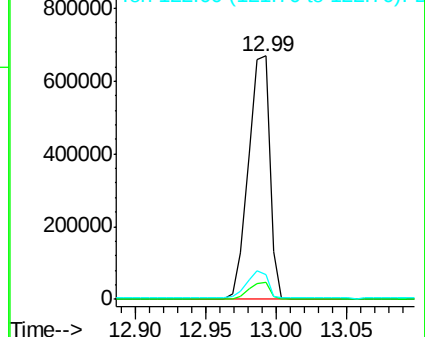
122 10.1 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.003 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF100786.D

Acq: 21 Nov 2017 17:52

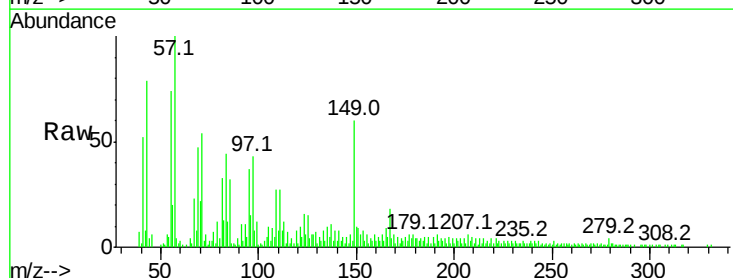
Tgt Ion:149 Resp: 18313

Ion Ratio Lower Upper

149 100

167 30.5 21.3 31.9

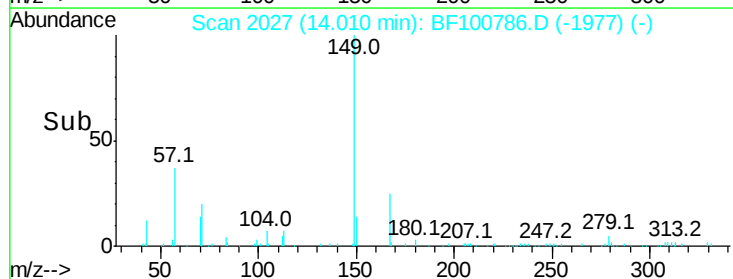
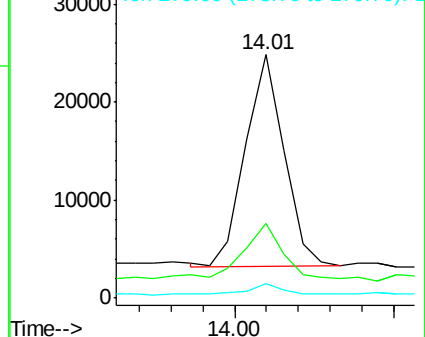
279 6.0 3.0 4.4#

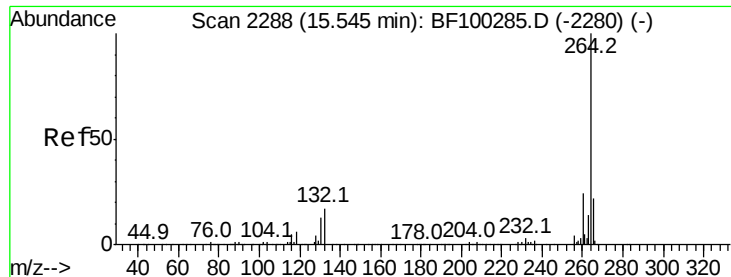


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100786.D
 Acq: 21 Nov 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 SV22482L

Tot Ion:	264	Resp:	189652
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	17.5	26.3

