

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100475.D
 Acq On : 12 Nov 2017 7:55
 Operator : SJ/JU
 Sample : I6402-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-D-S

Quant Time: Nov 13 06:08:58 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

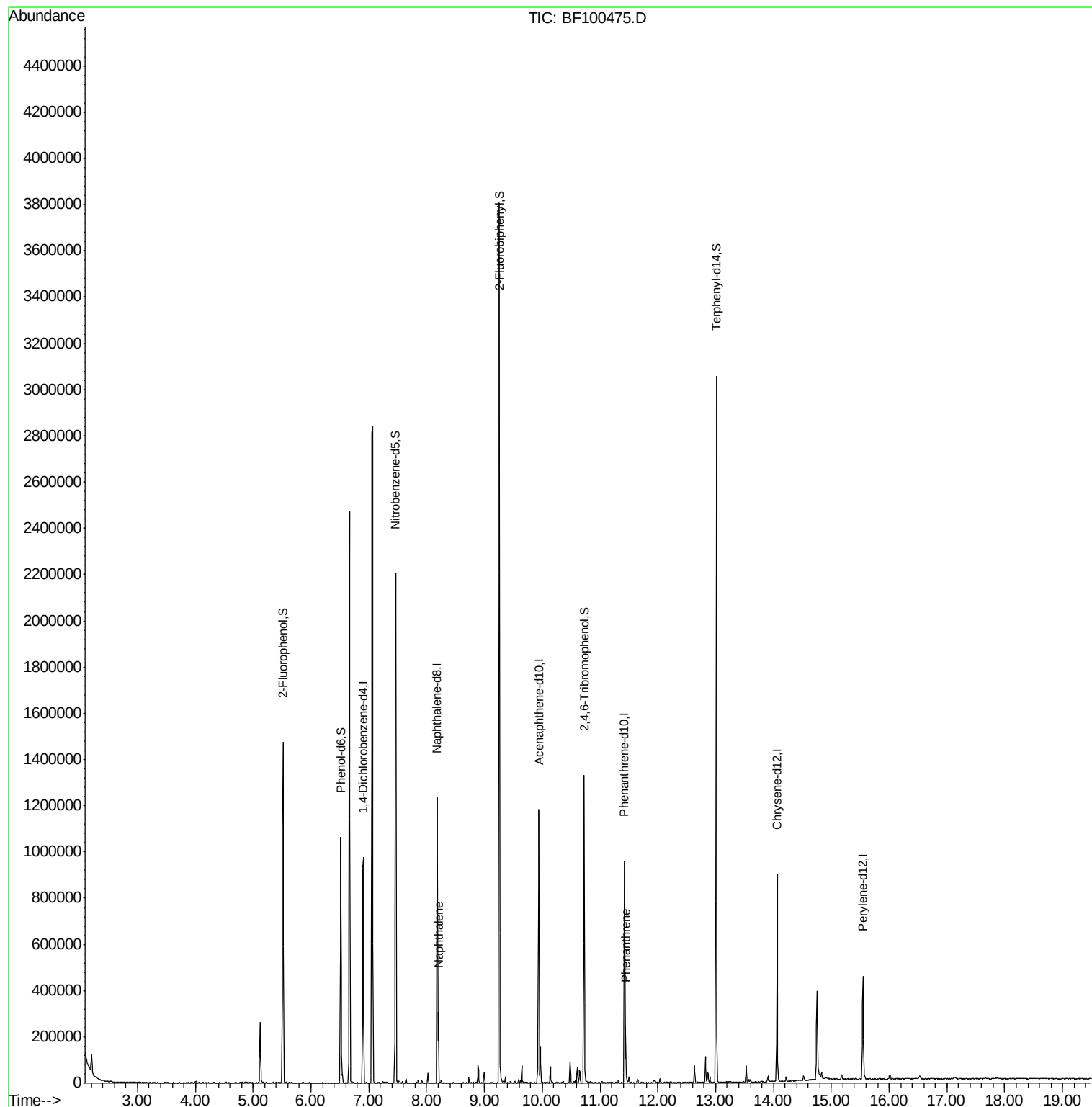
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146735	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	547089	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	227620	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	354915	20.00	ng	0.00
75) Chrysene-d12	14.06	240	297992	20.00	ng	0.00
86) Perylene-d12	15.54	264	216396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	373039	40.75	ng	0.00
7) Phenol-d6	6.52	99	286447	25.38	ng	-0.01
23) Nitrobenzene-d5	7.46	82	825981	99.82	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	175358	75.60	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1396978	93.45	ng	0.00
78) Terphenyl-d14	13.01	244	998747	77.01	ng	0.00
Target Compounds						
31) Naphthalene	8.20	128	112481	4.269	ng	99
70) Phenanthrene	11.45	178	82939	4.438	ng	97

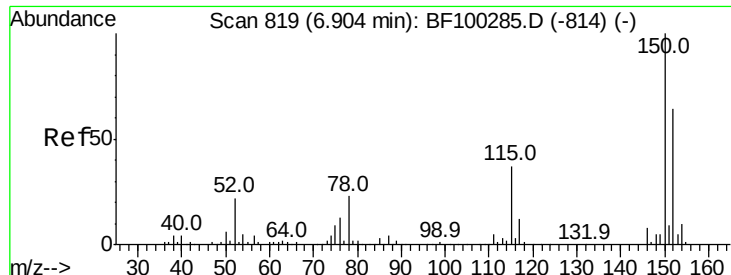
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF100475.D

Acq: 12 Nov 2017 7:55

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-D-S

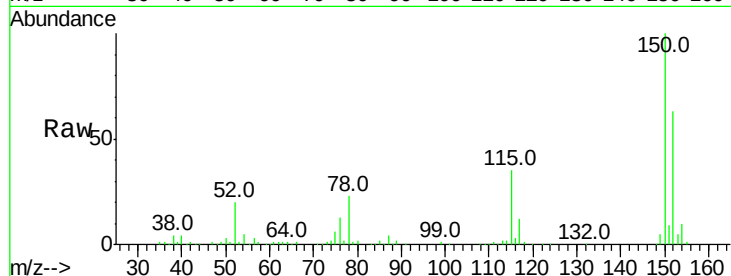
Tot Ion:152 Resp: 146735

Ion Ratio Lower Upper

152 100

150 158.9 124.6 186.8

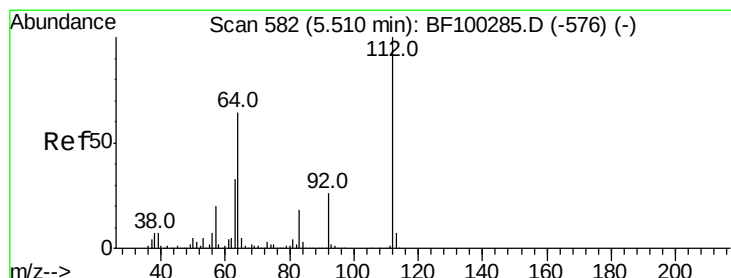
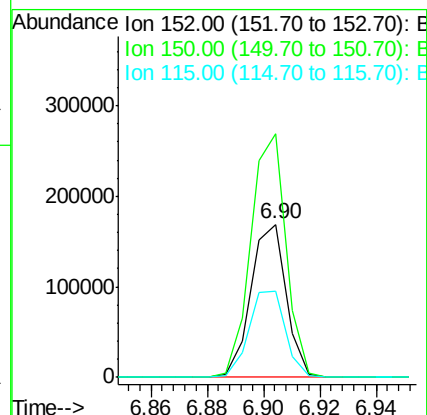
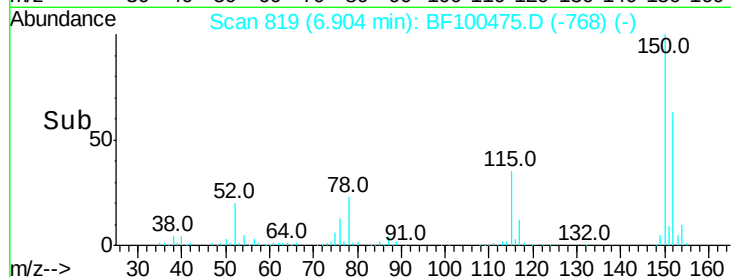
115 56.2 50.1 75.1



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: 40.752 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF100475.D

Acq: 12 Nov 2017 7:55

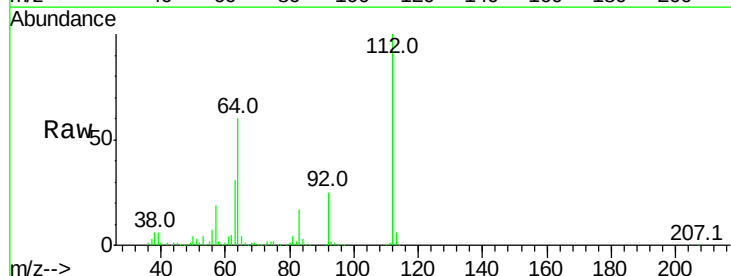
Tgt Ion:112 Resp: 373039

Ion Ratio Lower Upper

112 100

64 60.0 47.9 71.9

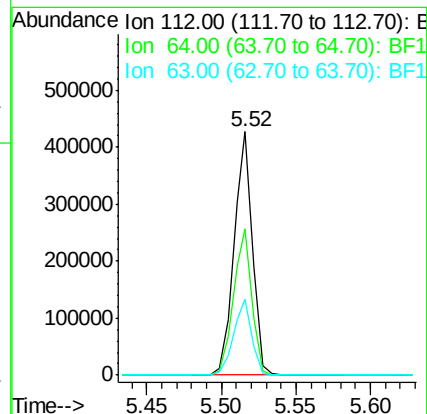
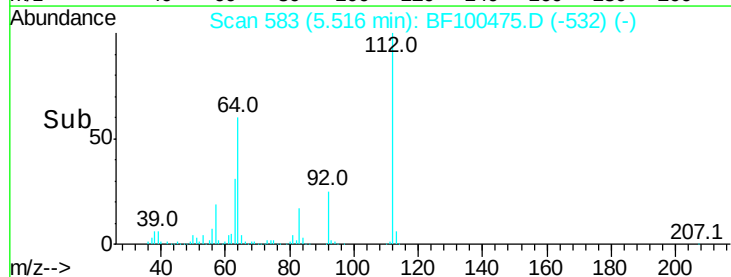
63 31.0 23.7 35.5

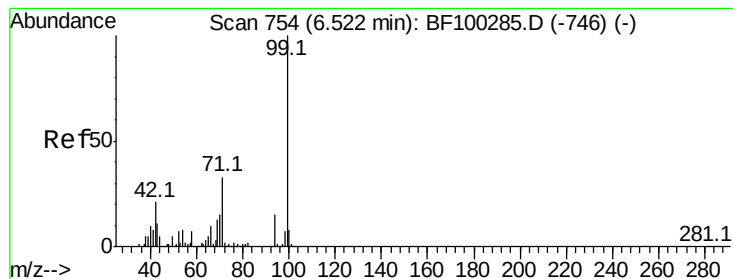


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.376 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100475.D

Acq: 12 Nov 2017 7:55

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-D-S

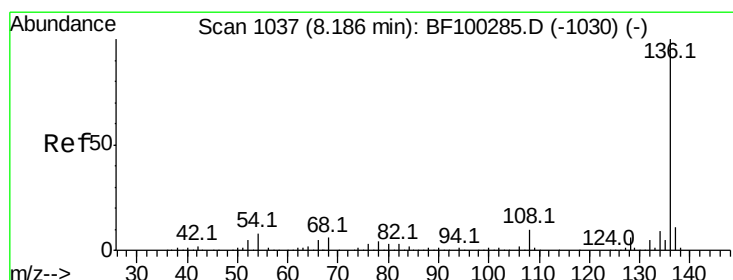
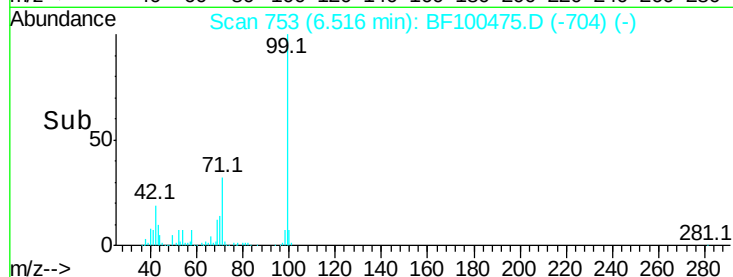
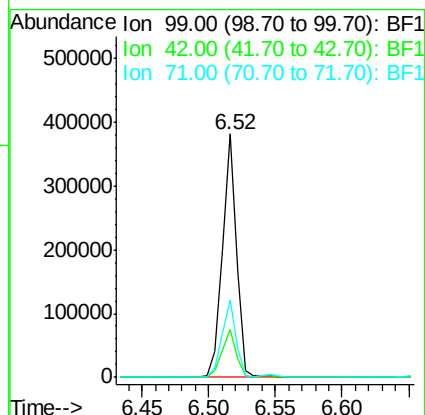
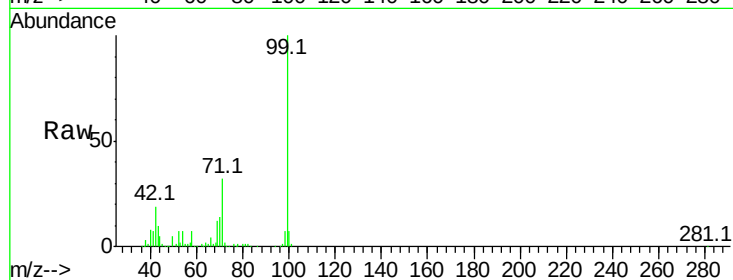
Tot Ion: 99 Resp: 286447

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 31.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100475.D

Acq: 12 Nov 2017 7:55

Tgt Ion: 136 Resp: 547089

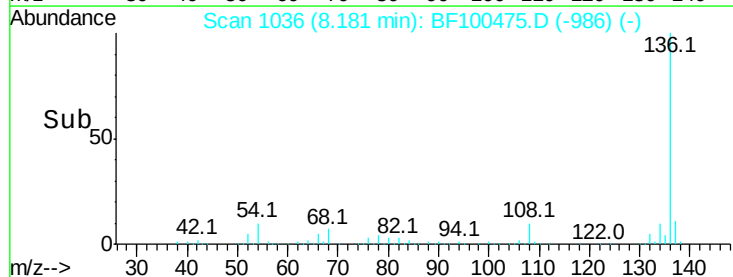
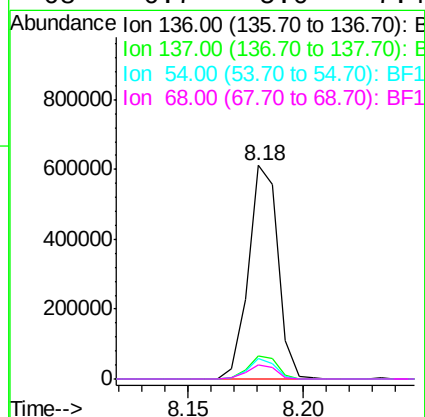
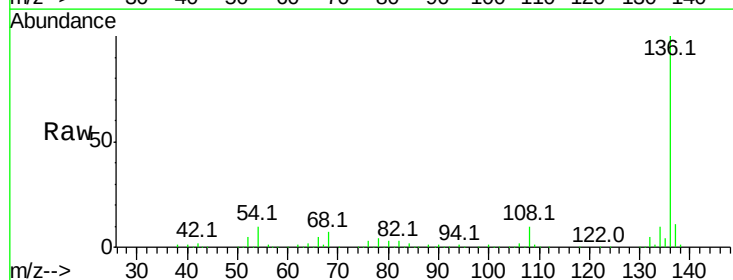
Ion Ratio Lower Upper

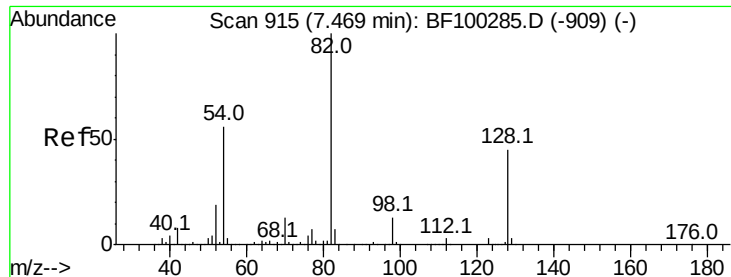
136 100

137 10.6 8.9 13.3

54 9.6 6.6 9.8

68 6.7 5.0 7.4

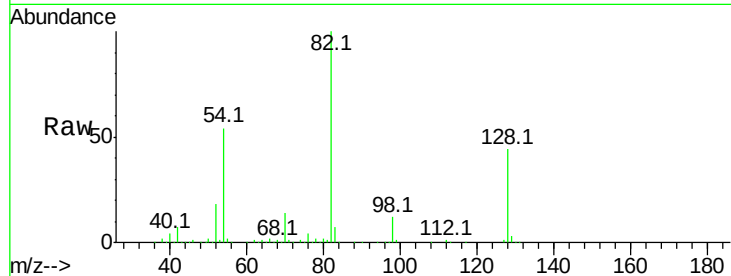




#23
 Nitrobenzene-d5
 Concen: 99.816 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100475.D
 Acq: 12 Nov 2017 7:55

Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-D-S

Tot Ion	82	Resp	825981
Ion Ratio	Lower	Upper	
82	100		
128	43.6	36.1	54.1
54	54.4	41.4	62.2

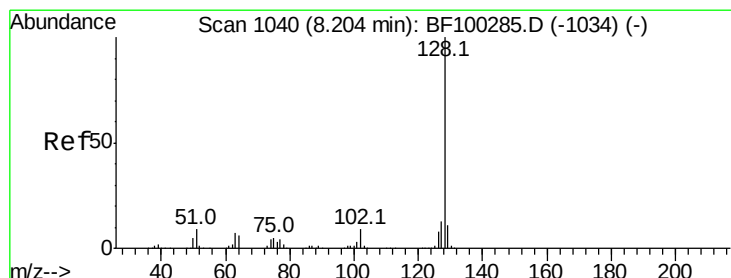
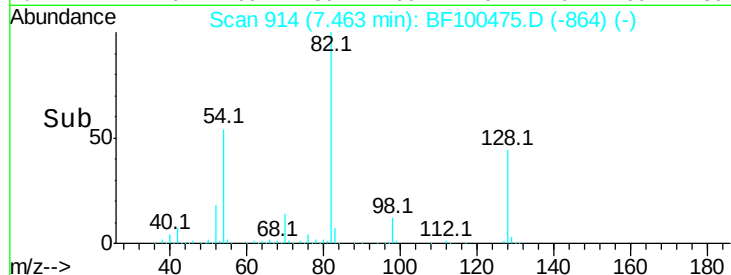
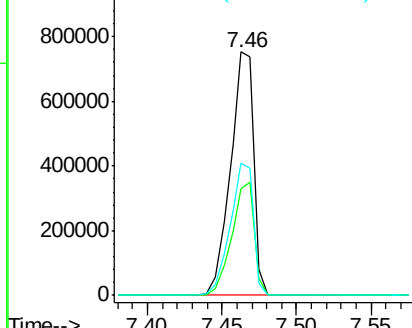


Abundance

Ion 82.00 (81.70 to 82.70): BF1

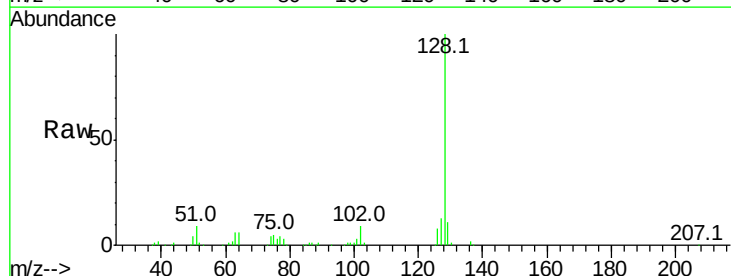
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31
 Naphthalene
 Concen: 4.269 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF100475.D
 Acq: 12 Nov 2017 7:55

Tgt Ion	128	Resp	112481
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	12.9	10.9	16.3

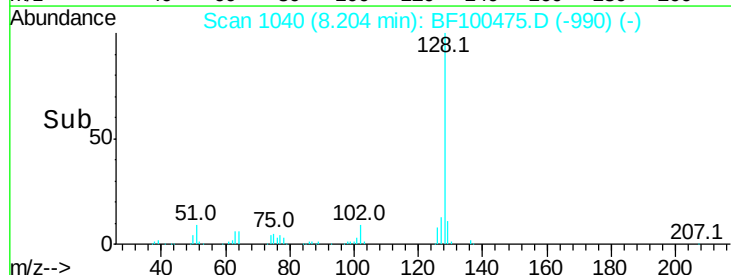
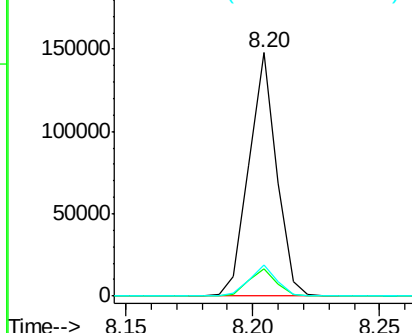


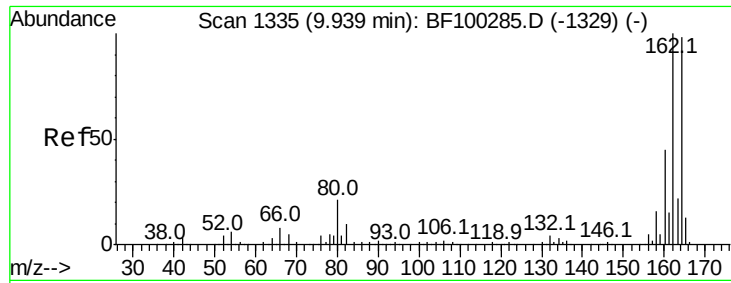
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100475.D

Acq: 12 Nov 2017 7:55

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-D-S

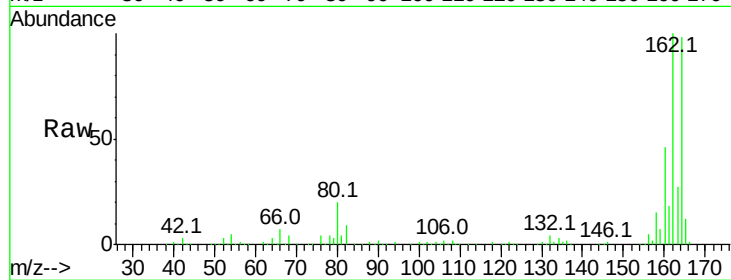
Tot Ion:164 Resp: 227620

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

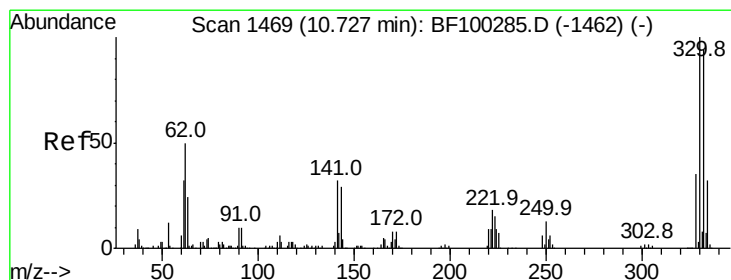
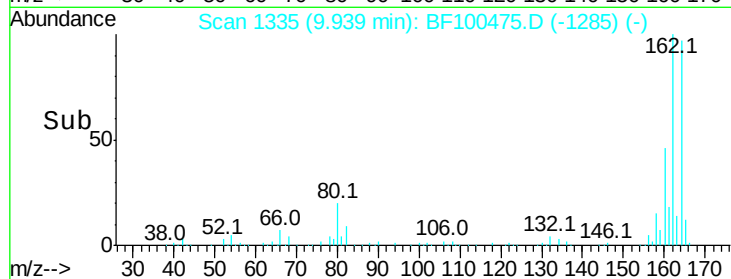
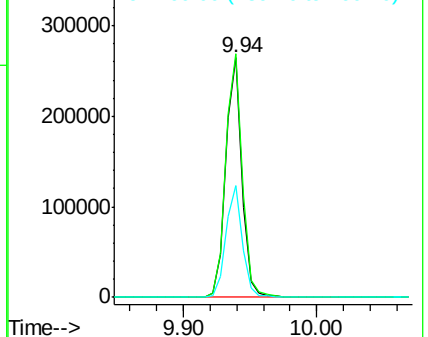
160 46.8 38.3 57.5



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: 75.603 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF100475.D

Acq: 12 Nov 2017 7:55

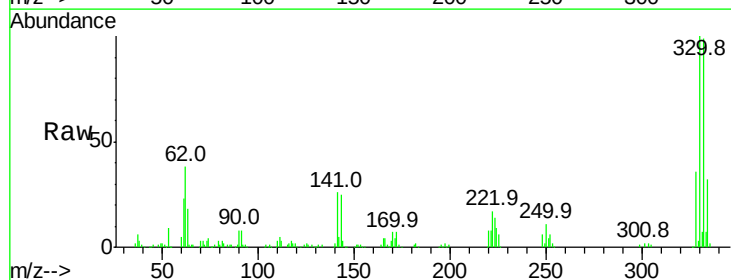
Tgt Ion:330 Resp: 175358

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

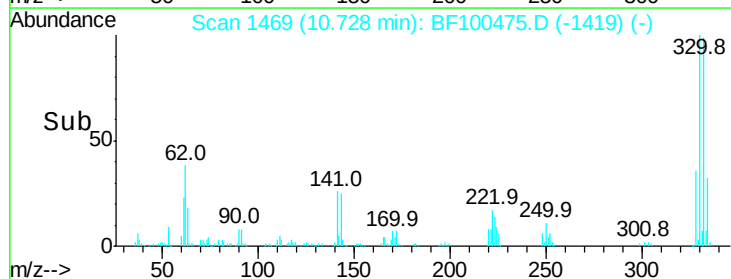
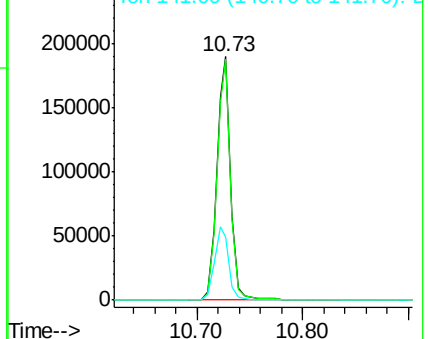
141 31.3 29.9 44.9

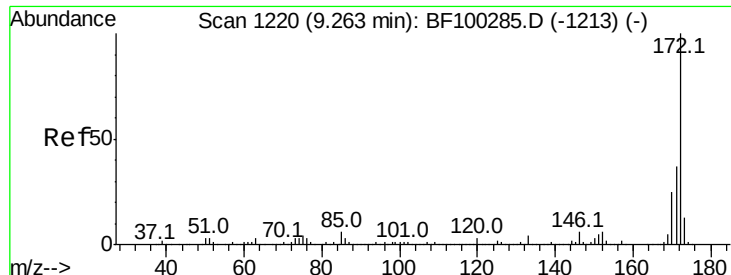


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



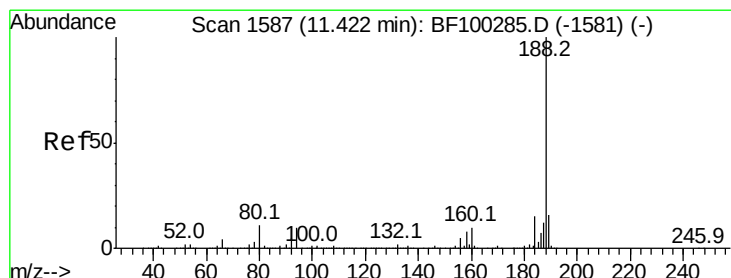
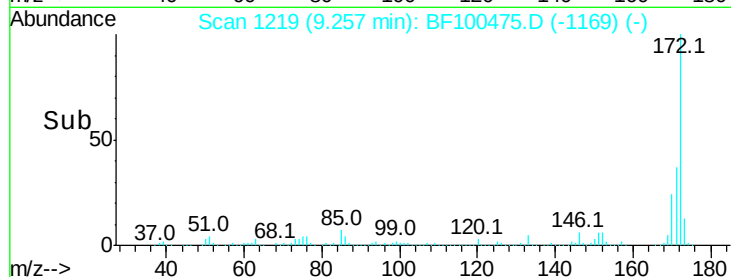
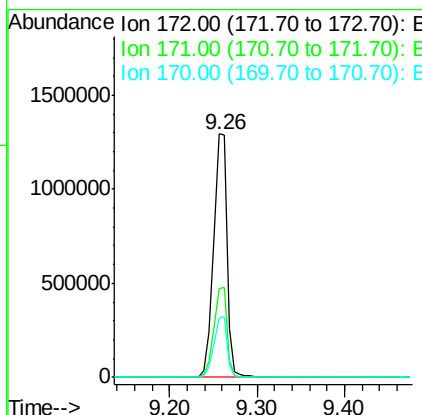
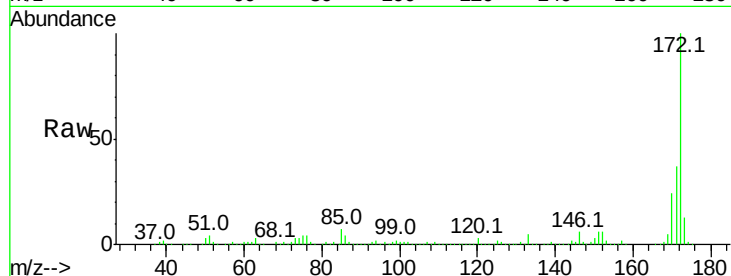


#44
 2-Fluorobiphenyl
 Concen: 93.454 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100475.D
 Acq: 12 Nov 2017 7:55

Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-D-S

Tot Ion:172 Resp: 1396978

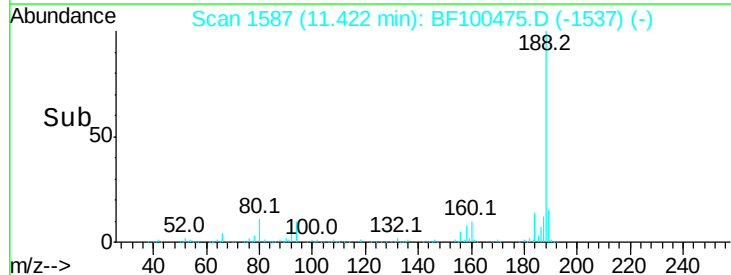
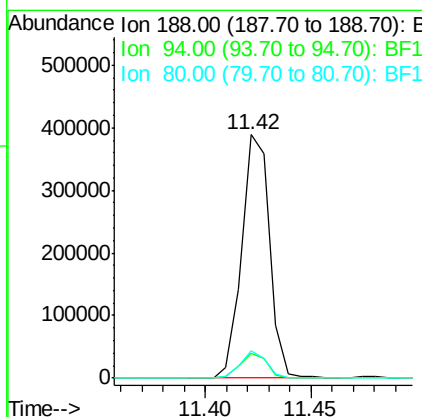
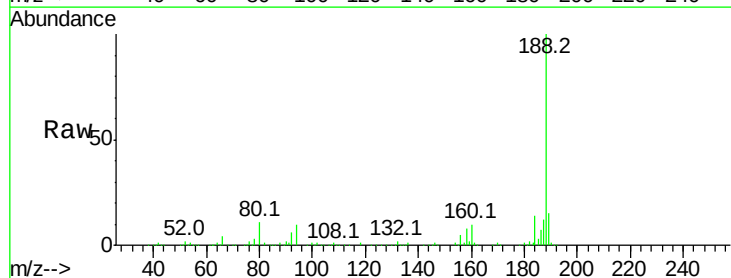
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4

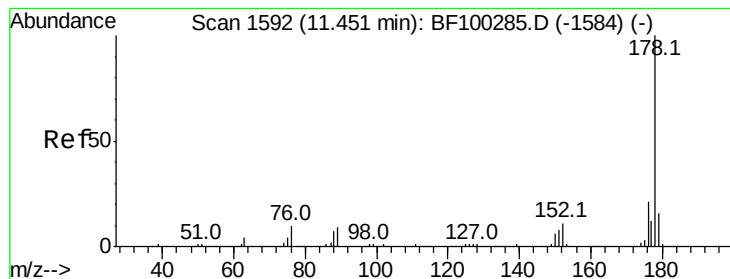


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100475.D
 Acq: 12 Nov 2017 7:55

Tgt Ion:188 Resp: 354915

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.1	9.2	13.8





#70

Phenanthrene

Concen: 4.438 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF100475.D

Acq: 12 Nov 2017 7:55

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-D-S

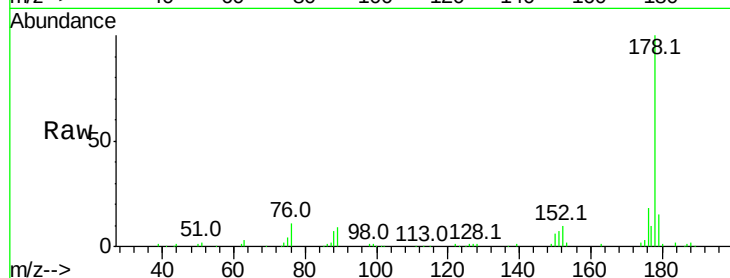
Tot Ion:178 Resp: 82939

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

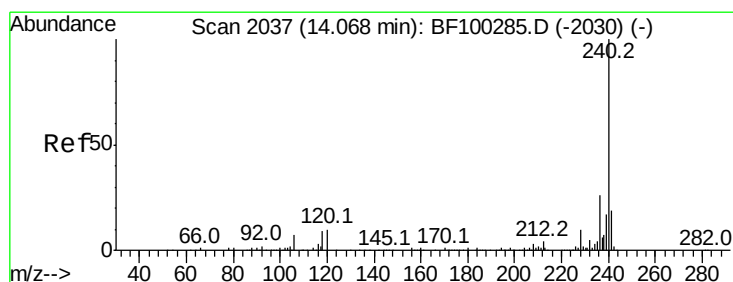
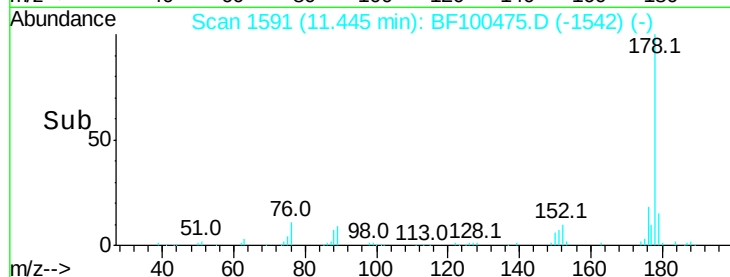
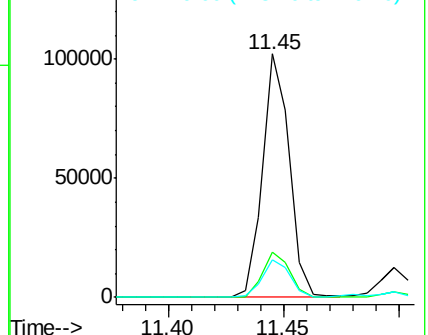
179 15.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100475.D

Acq: 12 Nov 2017 7:55

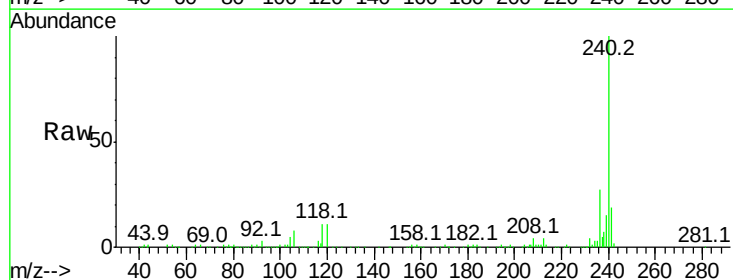
Tgt Ion:240 Resp: 297992

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

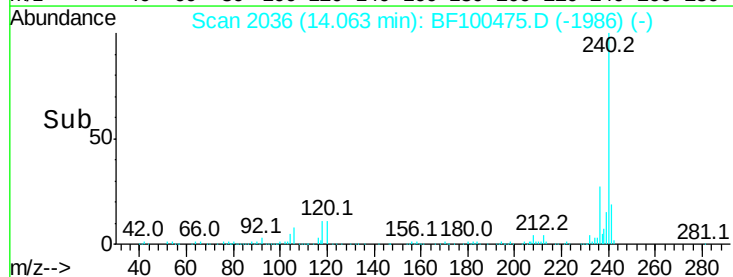
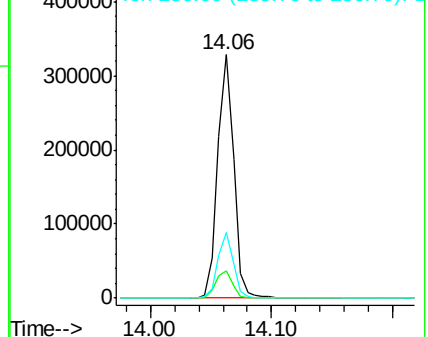
236 27.2 20.7 31.1

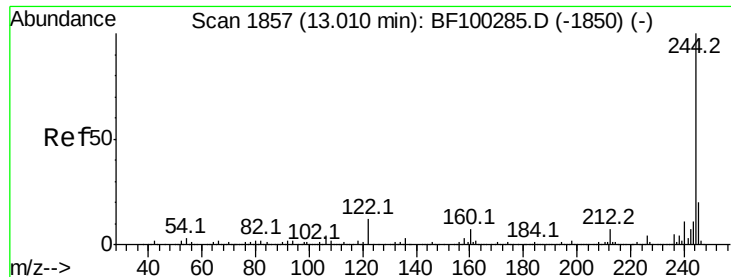


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.010 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100475.D

Acq: 12 Nov 2017 7:55

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-D-S

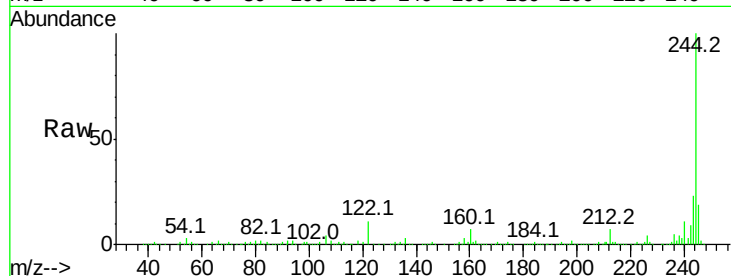
Tot Ion:244 Resp: 998747

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

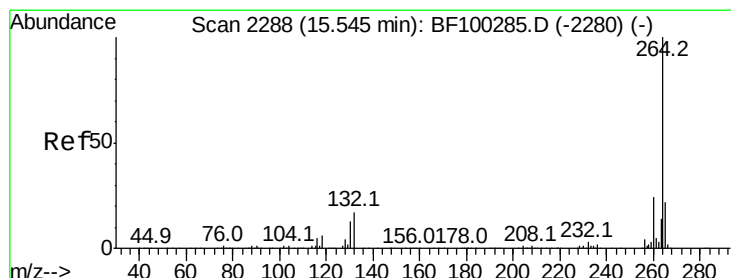
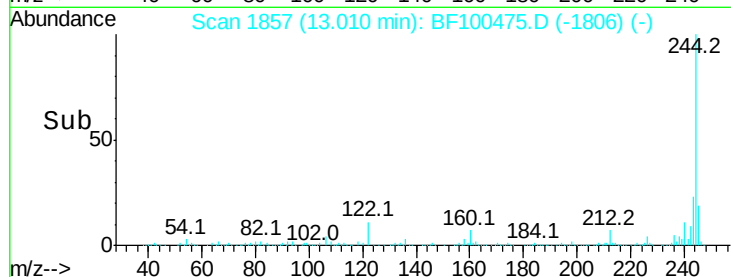
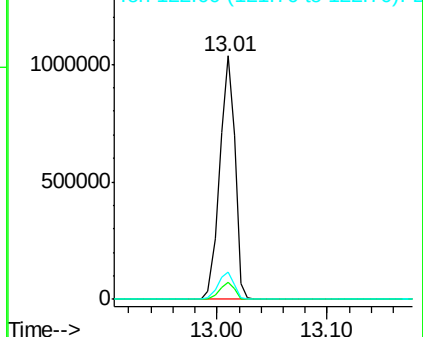
122 11.5 11.0 16.4



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: BF100475.D

Acq: 12 Nov 2017 7:55

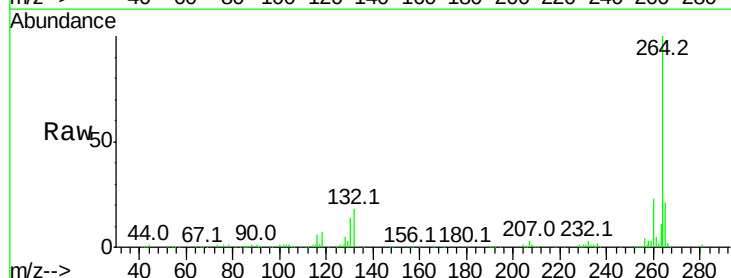
Tgt Ion:264 Resp: 216396

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.1 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

