

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100477.D
 Acq On : 12 Nov 2017 8:48
 Operator : SJ/JU
 Sample : I6402-04
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Nov 13 06:12:13 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

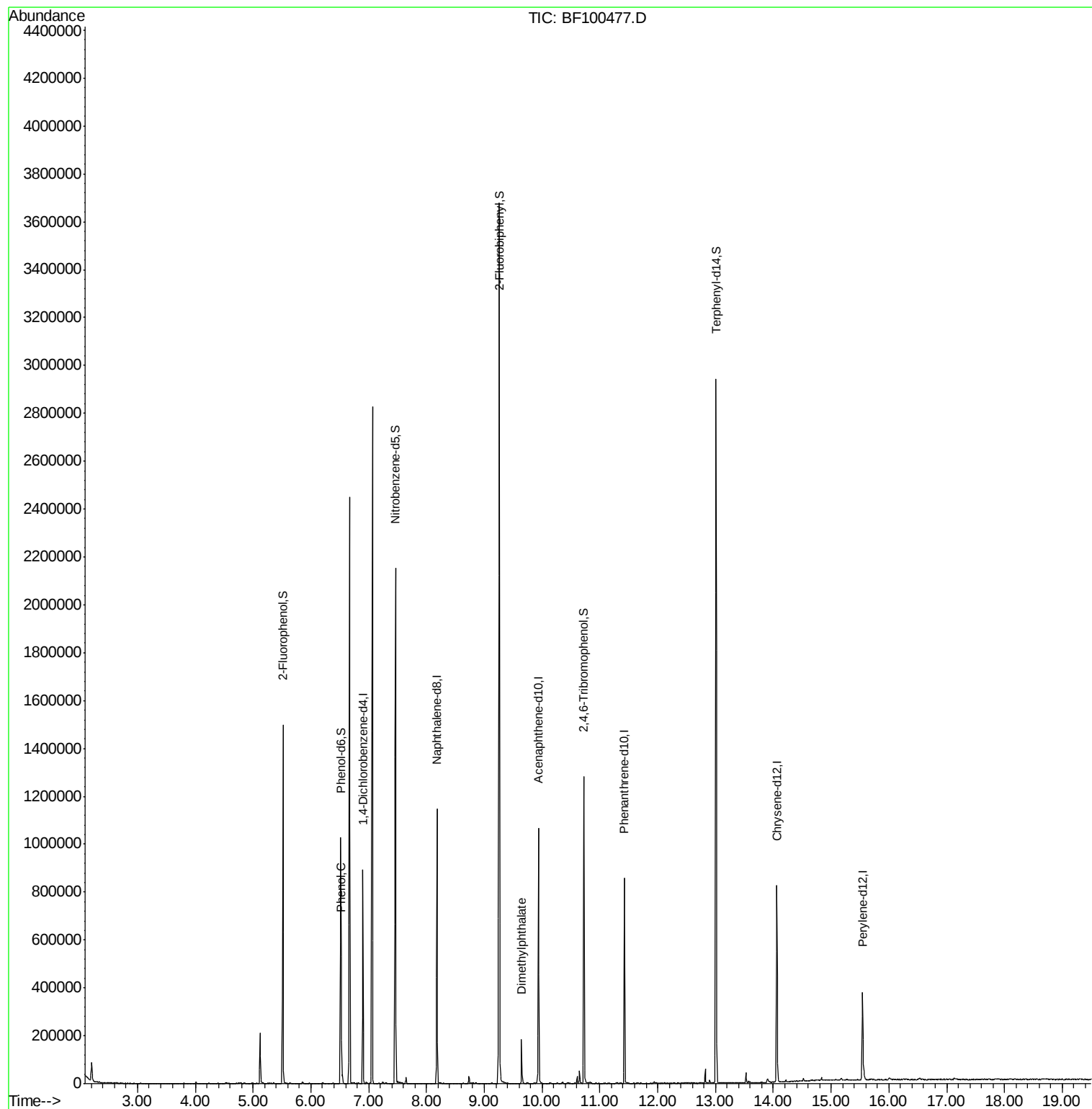
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	134541	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	493302	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	200978	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	305972	20.00	ng	0.00
75) Chrysene-d12	14.06	240	270569	20.00	ng	0.00
86) Perylene-d12	15.54	264	192840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	374343	44.60	ng	0.00
7) Phenol-d6	6.52	99	288018	27.83	ng	-0.01
23) Nitrobenzene-d5	7.47	82	807433	108.21	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	163635	79.90	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1367164	103.58	ng	0.00
78) Terphenyl-d14	13.01	244	938642	79.71	ng	0.00
Target Compounds						
10) Phenol	6.53	94	32578	2.998	ng	98
49) Dimethylphthalate	9.65	163	79119	5.156	ng	99

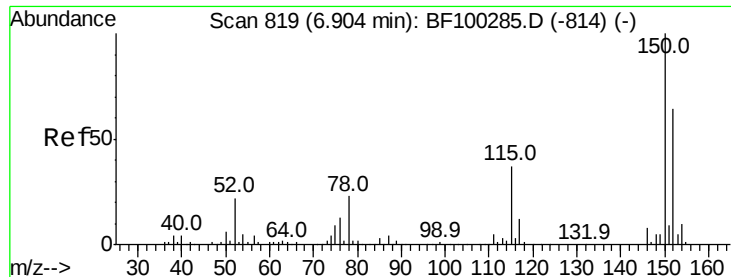
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF100477.D

Acq: 12 Nov 2017 8:48

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-S

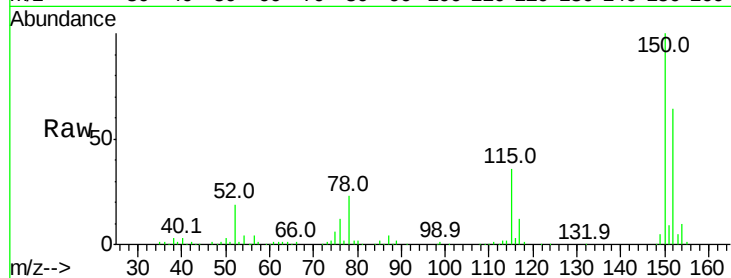
Tot Ion:152 Resp: 134541

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

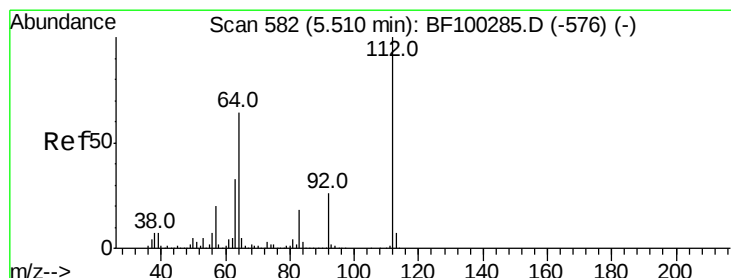
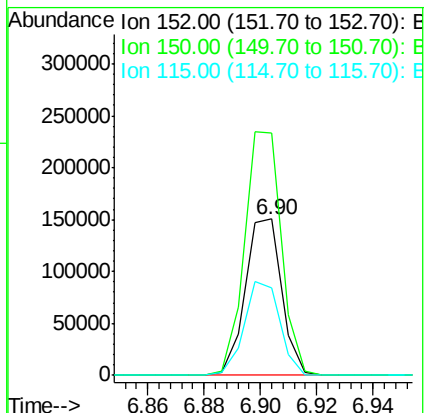
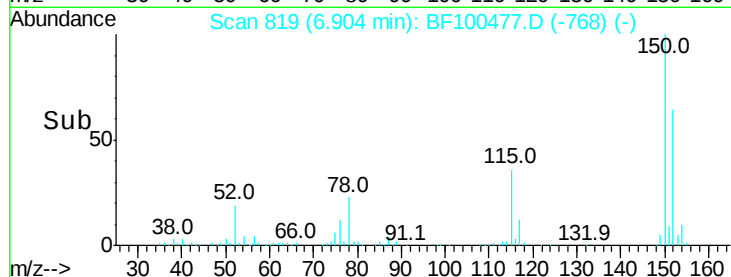
115 56.3 50.1 75.1



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: 44.601 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

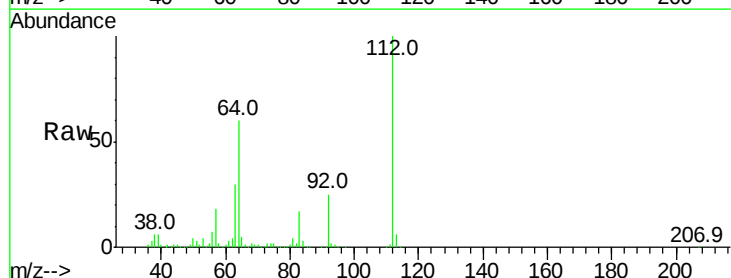
Tgt Ion:112 Resp: 374343

Ion Ratio Lower Upper

112 100

64 59.7 47.9 71.9

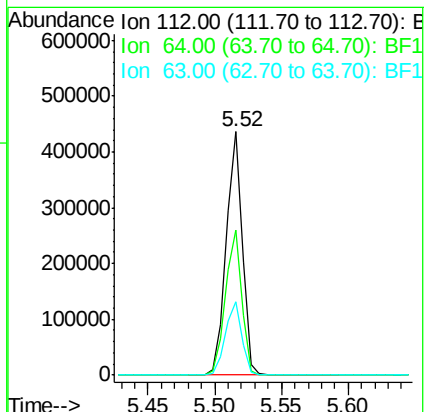
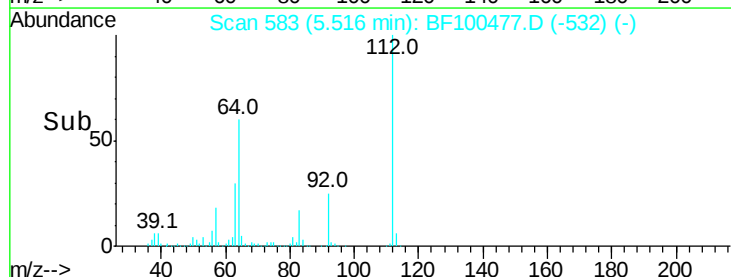
63 30.0 23.7 35.5

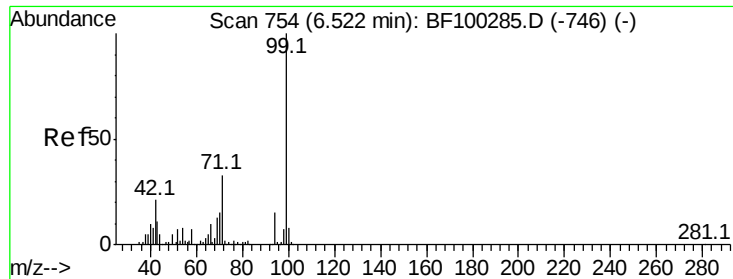


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 27.828 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-S

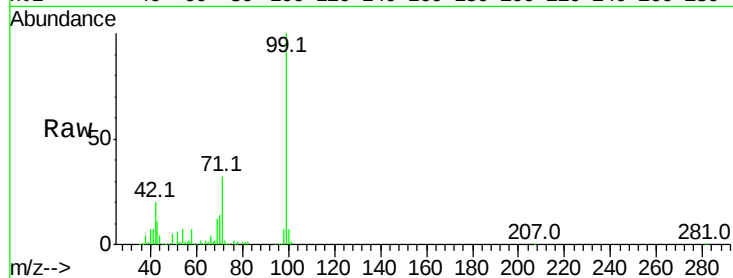
Tot Ion: 99 Resp: 288018

Ion Ratio Lower Upper

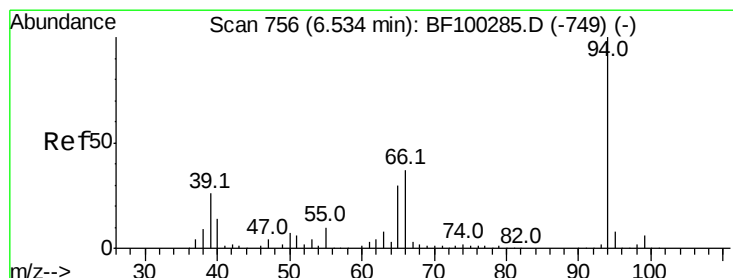
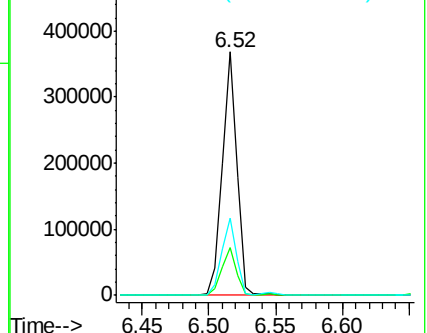
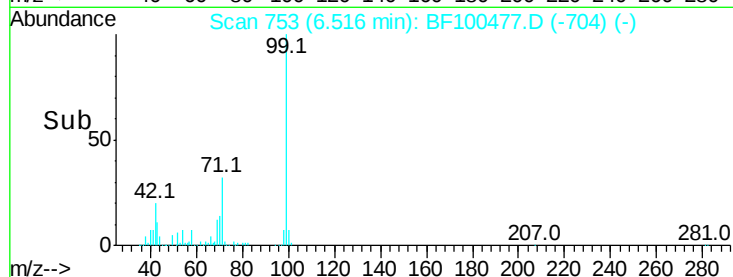
99 100

42 19.8 14.5 21.7

71 31.5 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



#10

Phenol

Concen: 2.998 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

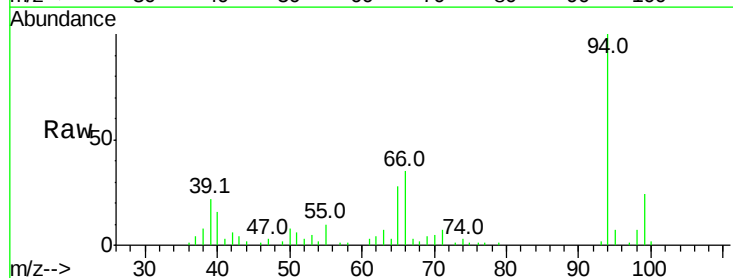
Tgt Ion: 94 Resp: 32578

Ion Ratio Lower Upper

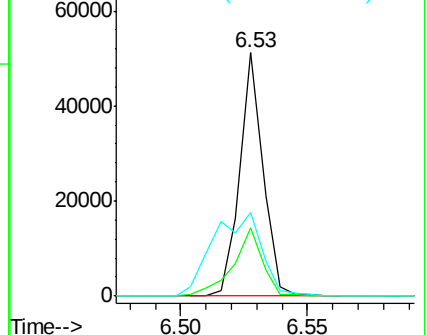
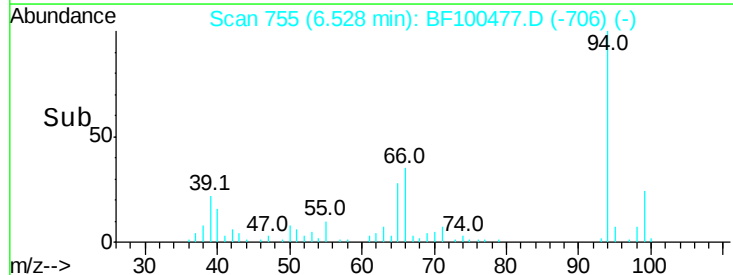
94 100

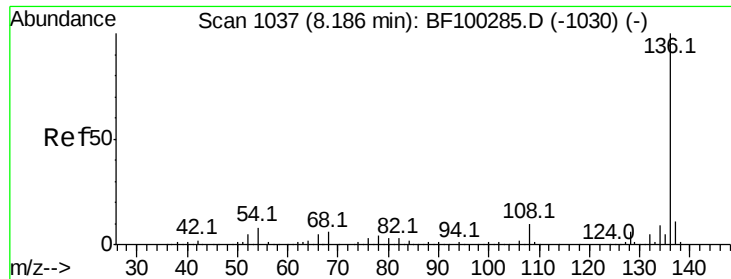
65 27.9 7.9 47.9

66 34.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

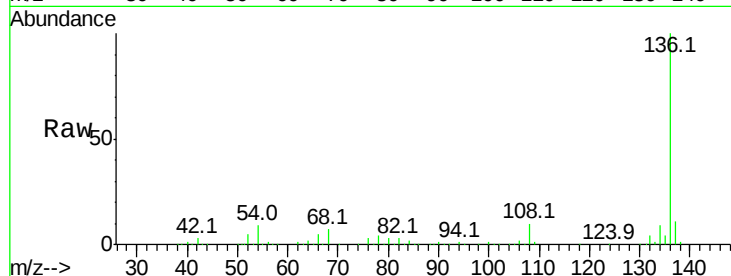




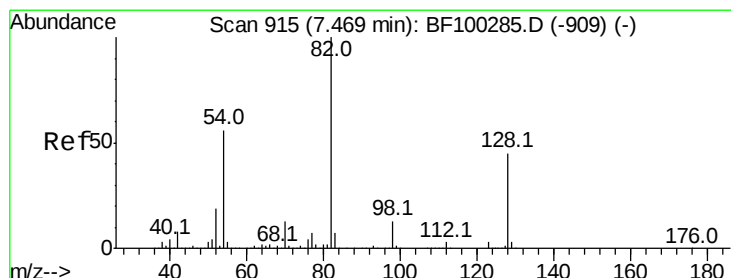
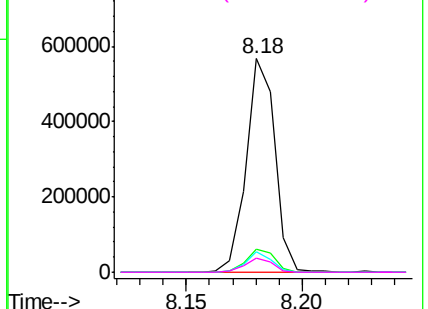
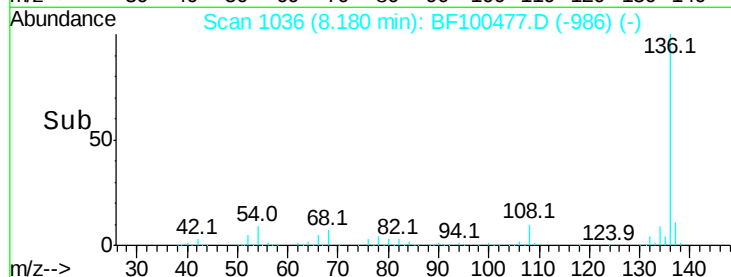
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100477.D
Acq: 12 Nov 2017 8:48

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

Tot Ion:136	Resp:	493302
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.4	6.6 9.8
68	6.7	5.0 7.4

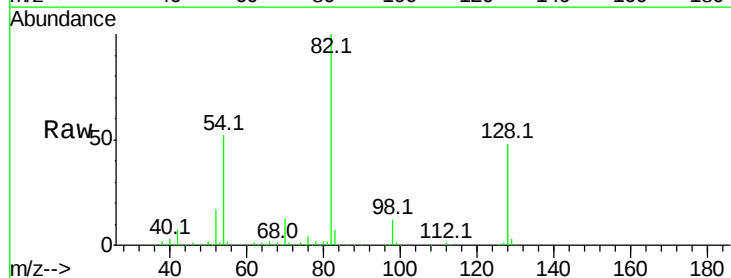


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

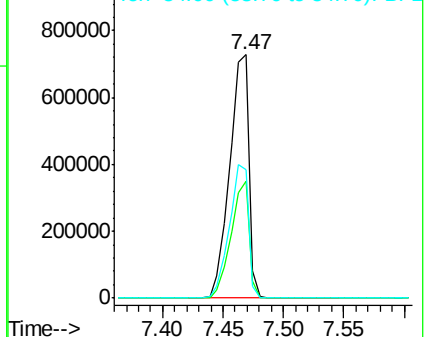
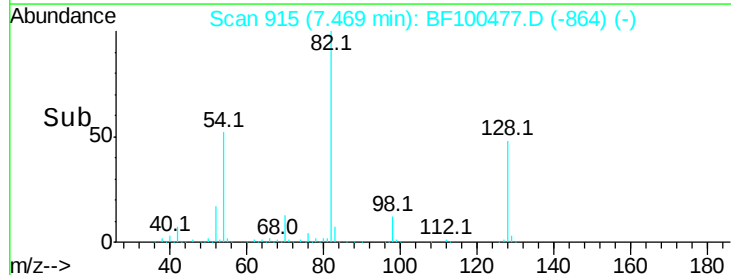


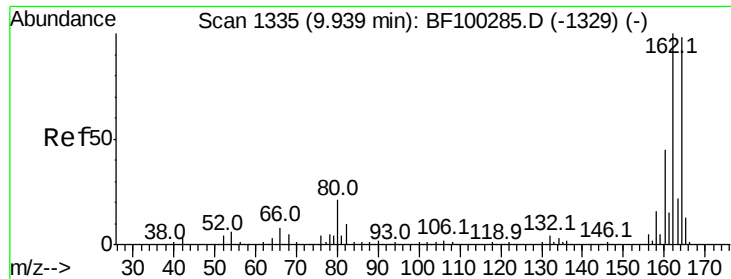
#23
Nitrobenzene-d5
Concen: 108.214 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100477.D
Acq: 12 Nov 2017 8:48

Tgt Ion: 82	Resp:	807433
Ion Ratio	Lower	Upper
82	100	
128	47.9	36.1 54.1
54	52.5	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

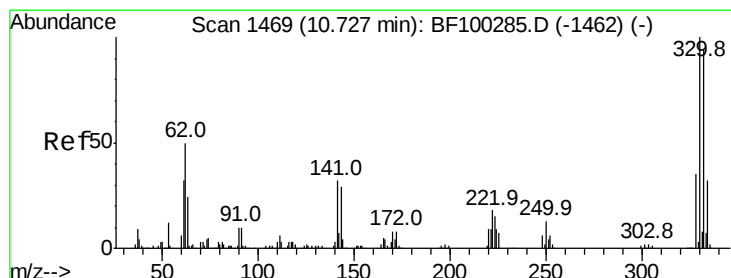
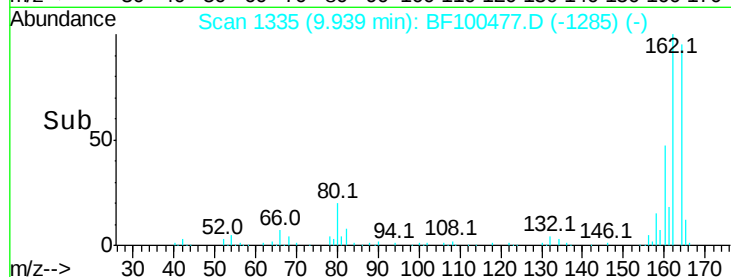
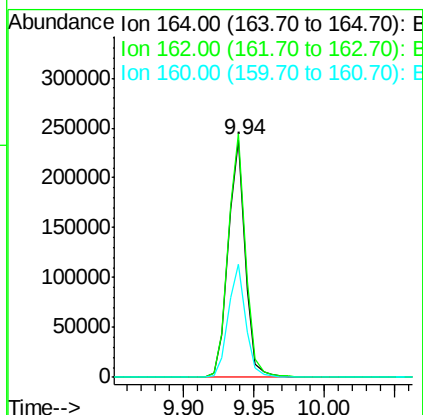
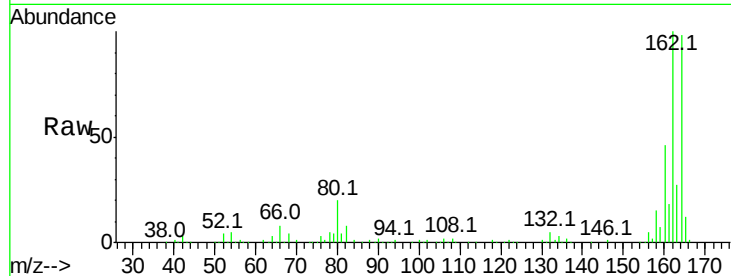




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100477.D
Acq: 12 Nov 2017 8:48

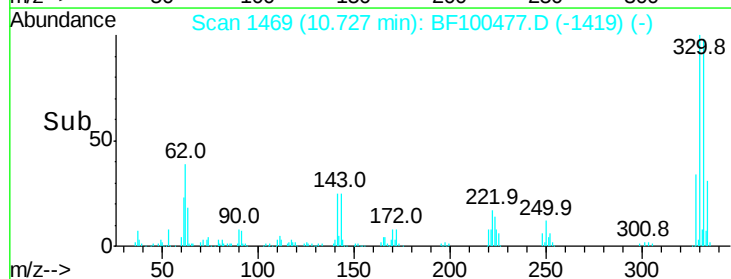
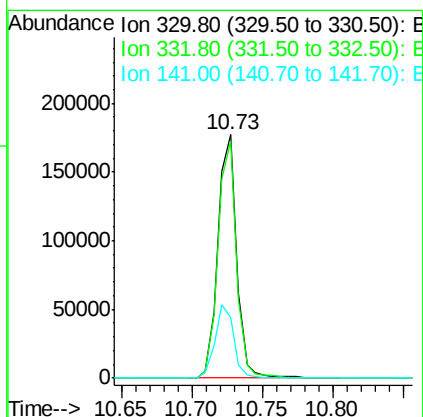
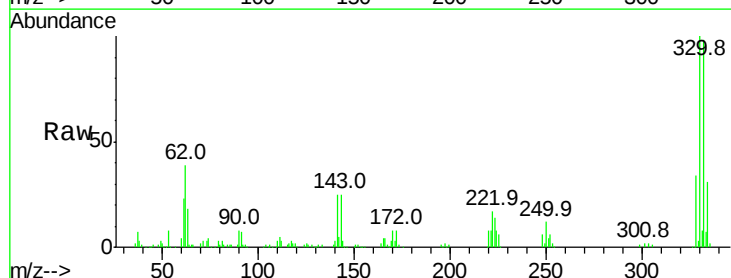
Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-U-S

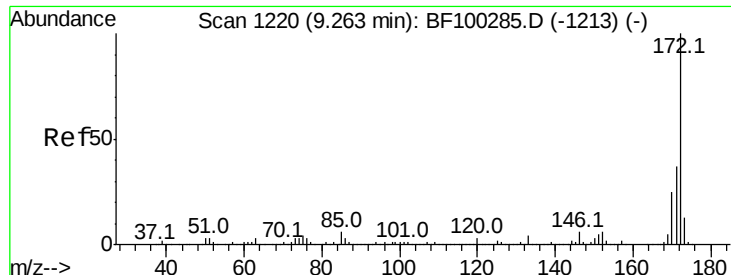
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	47.5	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 79.901 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100477.D
Acq: 12 Nov 2017 8:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	30.2	29.9	44.9



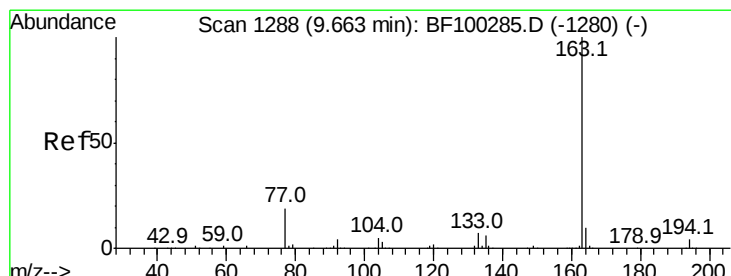
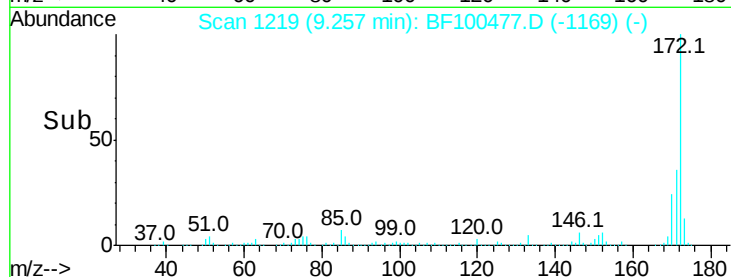
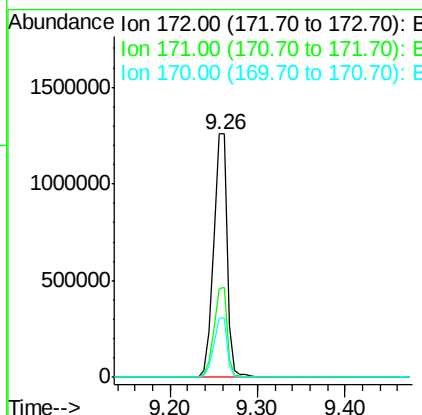
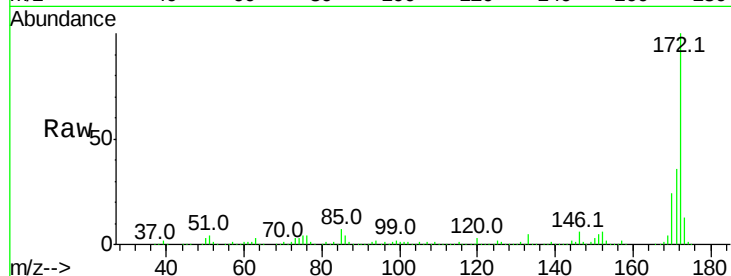


#44
 2-Fluorobiphenyl
 Concen: 103.583 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

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

Tot Ion:172 Resp: 1367164

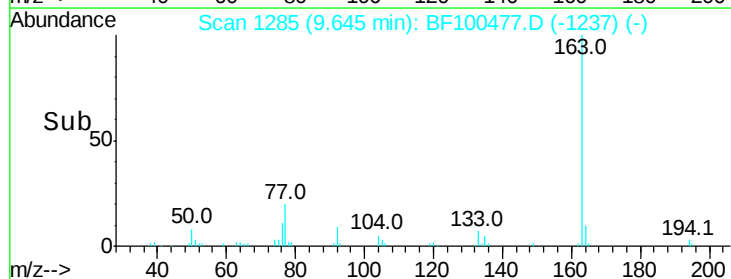
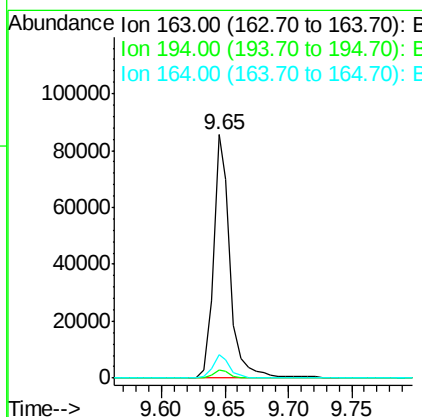
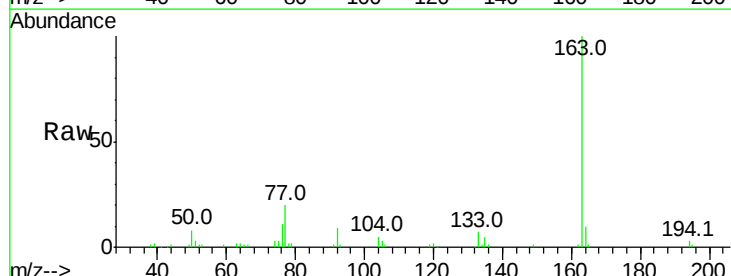
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4

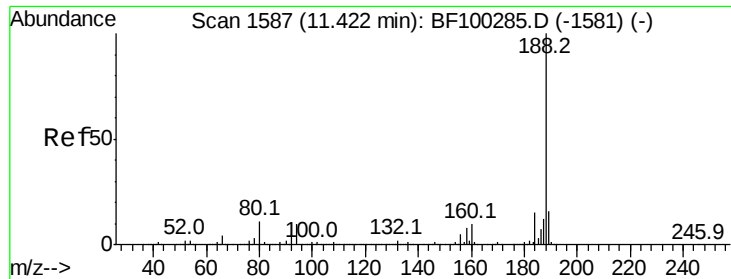


#49
 Dimethylphthalate
 Concen: 5.156 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

Tgt Ion:163 Resp: 79119

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.6	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-S

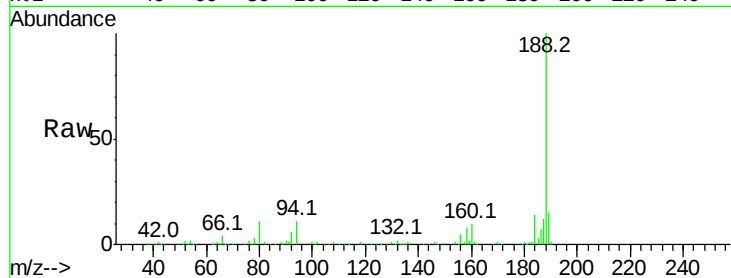
Tot Ion:188 Resp: 305972

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

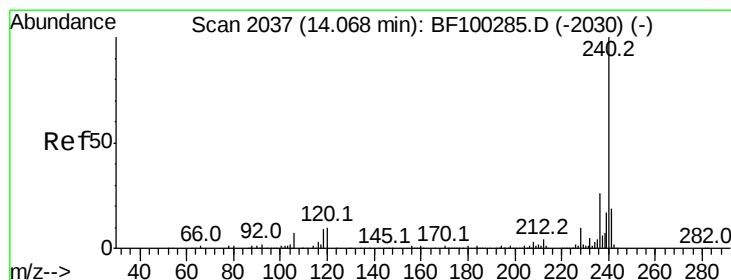
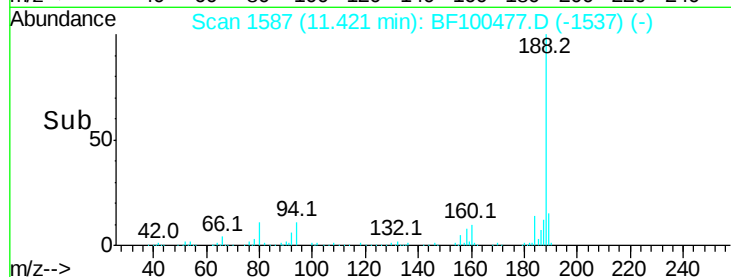
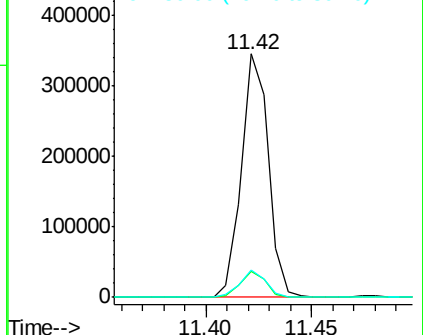
80 11.3 9.2 13.8



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: BF100477.D

Acq: 12 Nov 2017 8:48

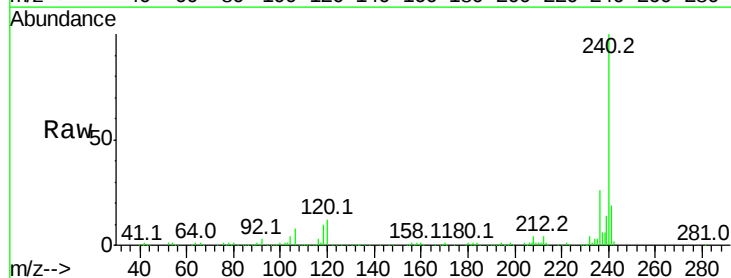
Tgt Ion:240 Resp: 270569

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

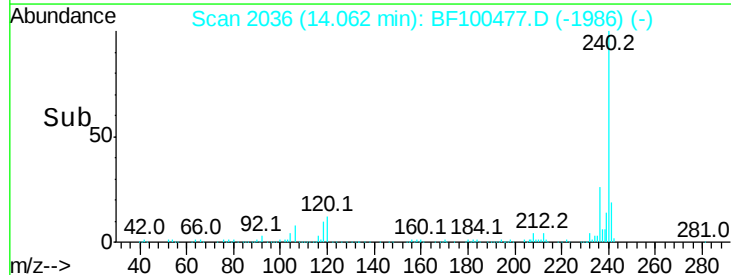
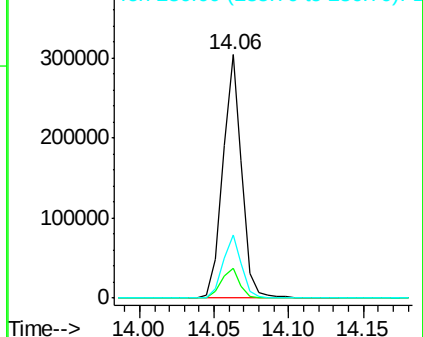
236 26.2 20.7 31.1

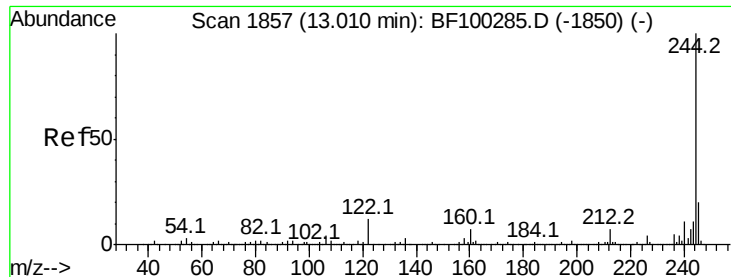


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.711 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

Instrument :

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110717-TIDO-F-U-S

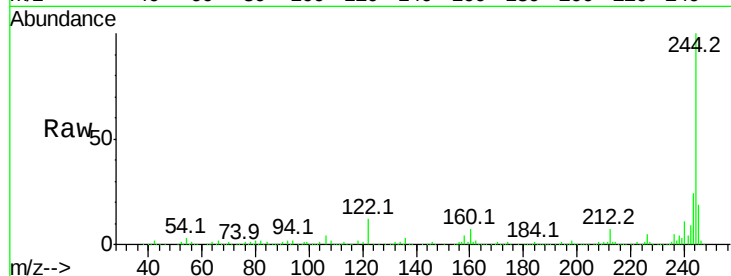
Tot Ion:244 Resp: 938642

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

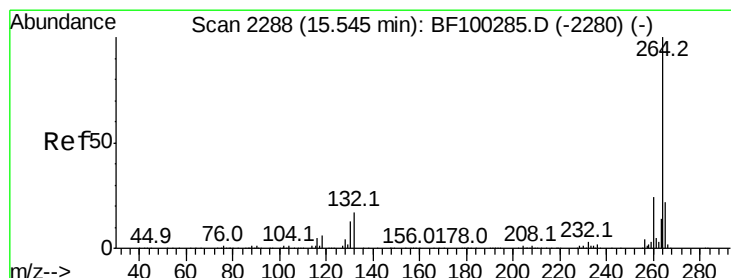
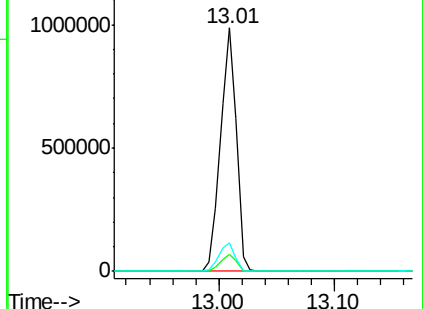
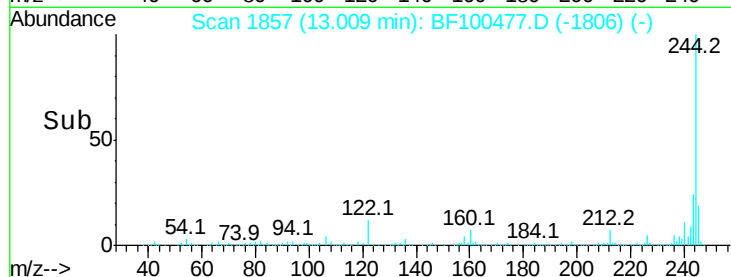
122 11.7 11.0 16.4



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: BF100477.D

Acq: 12 Nov 2017 8:48

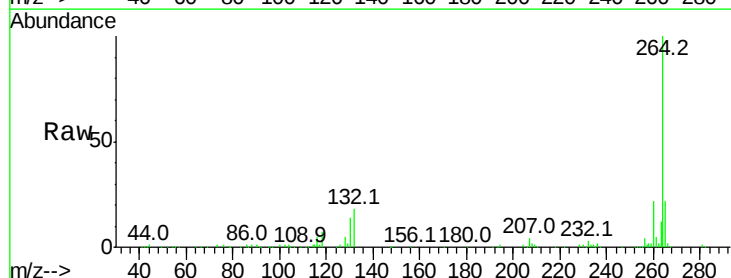
Tgt Ion:264 Resp: 192840

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 21.6 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

