

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100775.D
 Acq On : 21 Nov 2017 12:56
 Operator : SJ/JU
 Sample : I6300-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 04:05:38 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

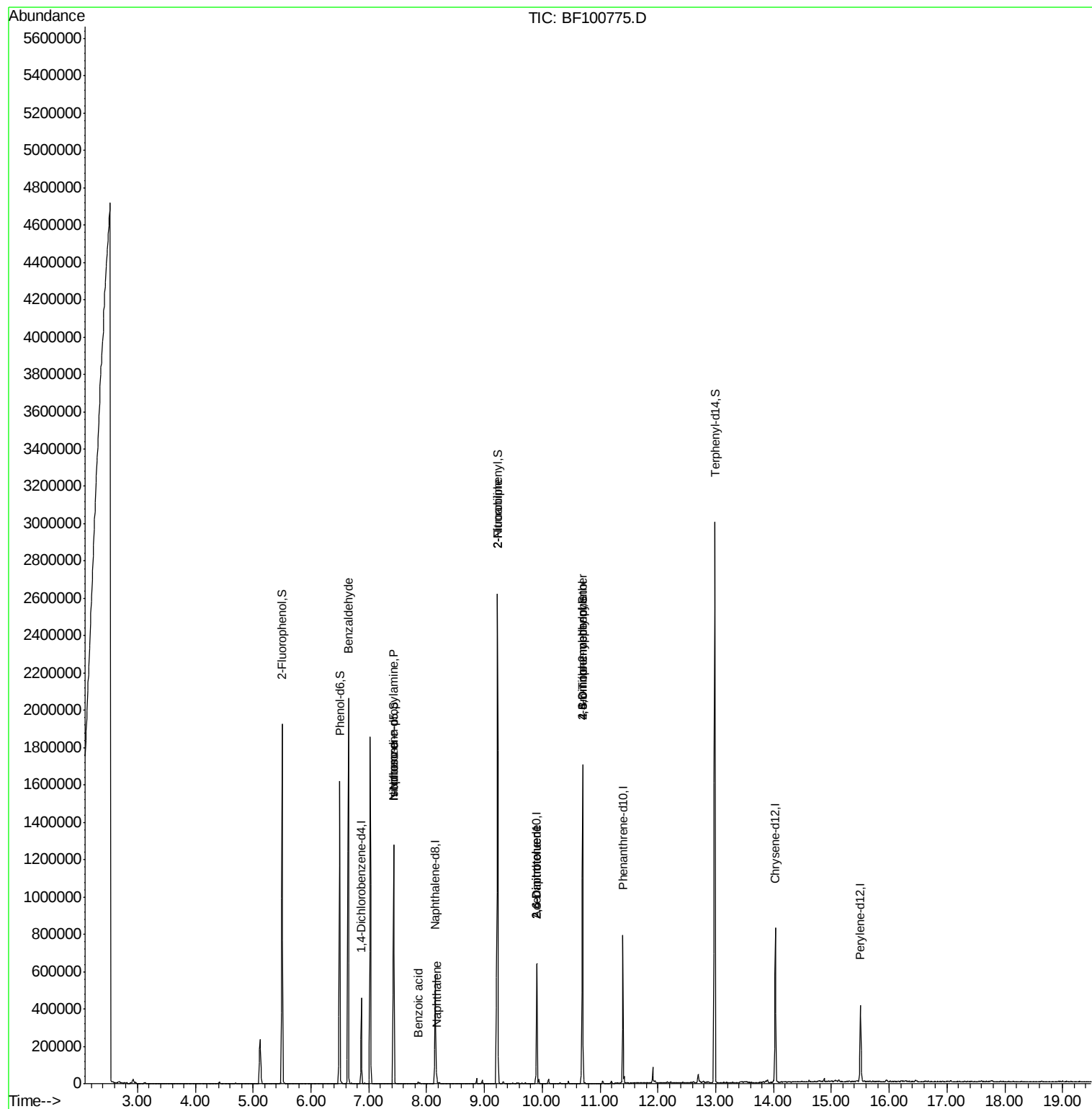
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	76472	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	306992	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	148945	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	310014	20.00	ng	0.00
75) Chrysene-d12	14.03	240	271174	20.00	ng	-0.01
86) Perylene-d12	15.50	264	199268	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	610492	127.97	ng	0.01
7) Phenol-d6	6.50	99	683335	116.16	ng	-0.01
23) Nitrobenzene-d5	7.43	82	525095	113.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	257749	169.82	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1110808	113.56	ng	-0.01
78) Terphenyl-d14	12.99	244	1178420	99.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	14223	3.39	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.43	70	68460	16.78	ng	# 80
25) Isophorone	7.43	82	525043	53.81	ng	# 64
31) Naphthalene	8.17	128	31507	2.13	ng	99
32) Benzoic acid	7.85	122	3423	10.19	ng	90
47) 2-Nitroaniline	9.23	65	1517	3.30	ng	# 7
50) 2,6-Dinitrotoluene	9.90	165	19550	8.68	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	19550	6.88	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	289	8.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	15846	4.77	ng	# 1

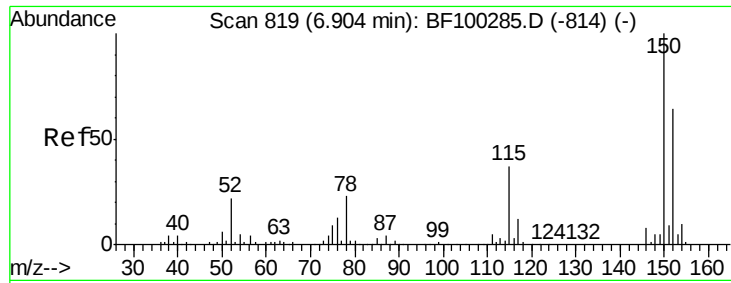
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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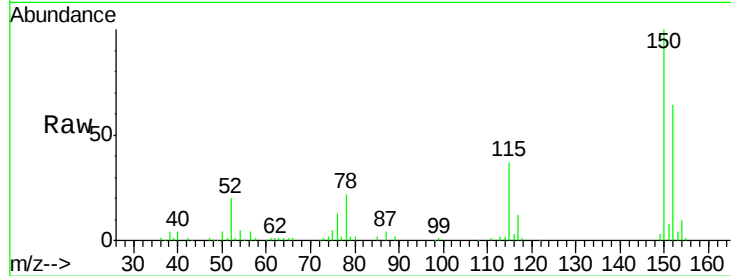


#1

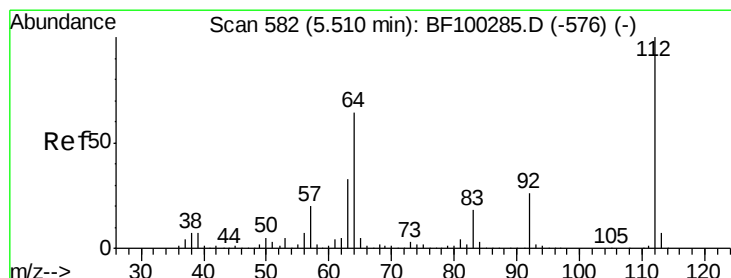
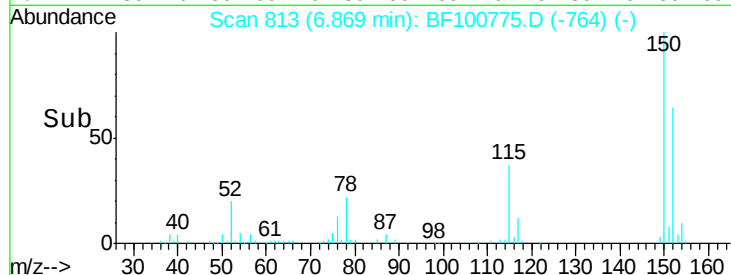
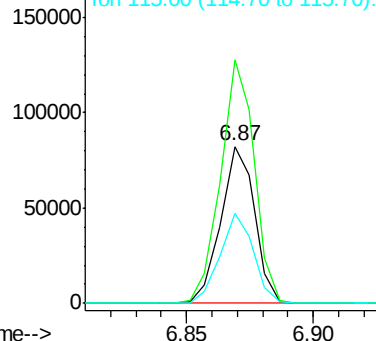
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76472
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 57.9 50.1 75.1



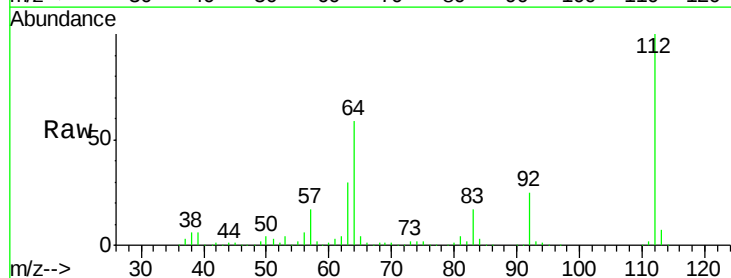
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



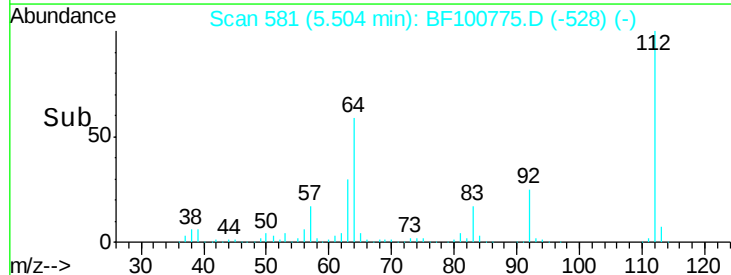
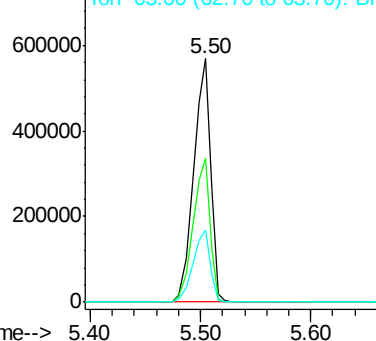
#5

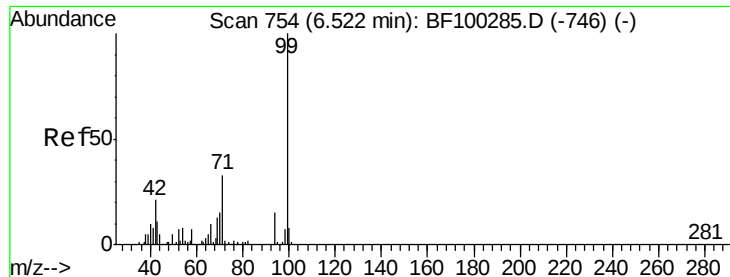
2-Fluorophenol
Concen: 127.97 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion:112 Resp: 610492
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 29.6 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: 116.16 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100775.D

Acq: 21 Nov 2017 12:56

Instrument :

BNA_F

ClientSampleId :

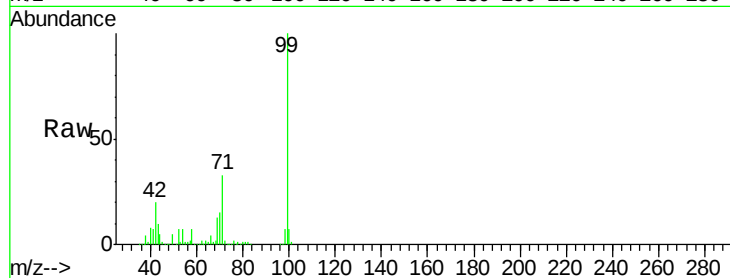
Tot Ion: 99 Resp: 683335

Ion Ratio Lower Upper

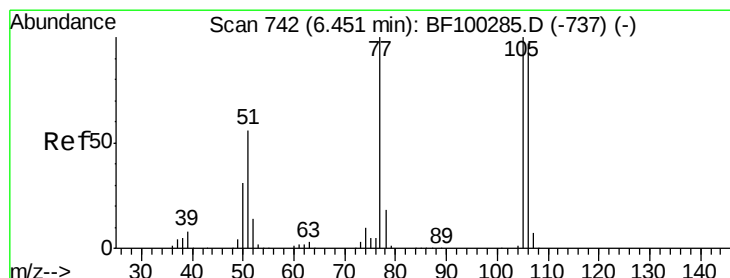
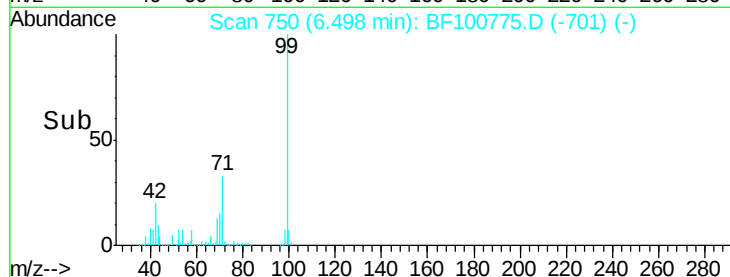
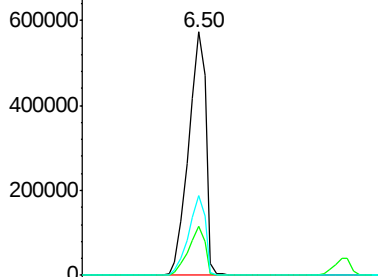
99 100

42 20.2 14.5 21.7

71 32.8 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



#9

Benzaldehyde

Concen: 3.39 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.21 min

Lab File: BF100775.D

Acq: 21 Nov 2017 12:56

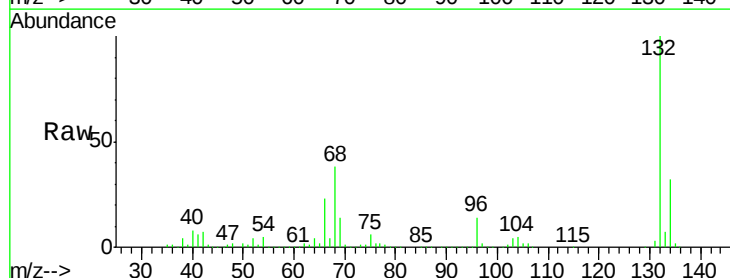
Tgt Ion: 77 Resp: 14223

Ion Ratio Lower Upper

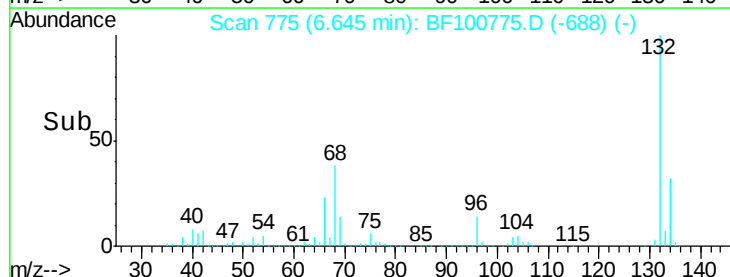
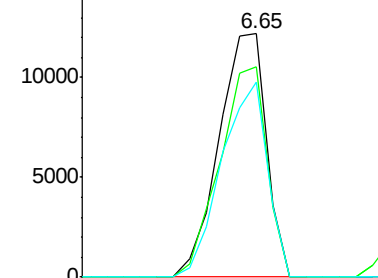
77 100

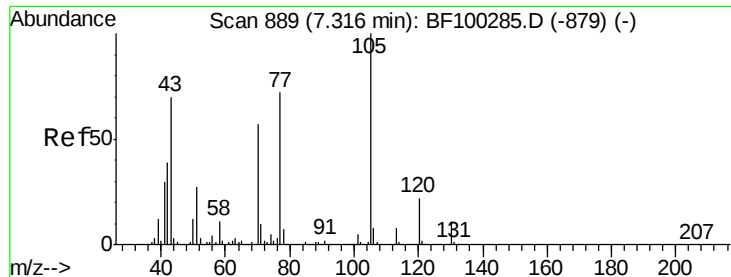
105 86.3 81.1 121.1

106 79.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

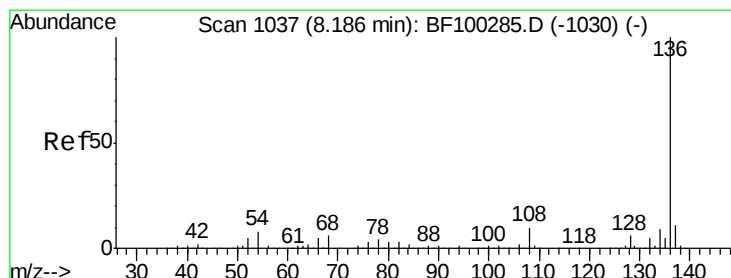
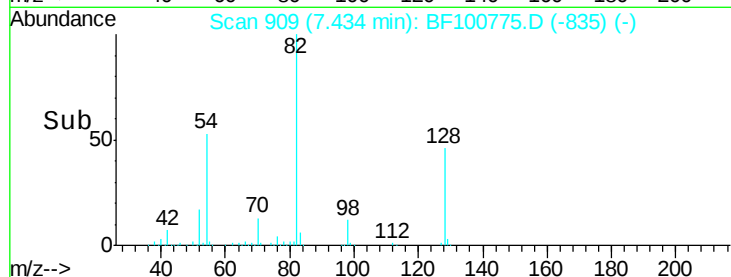
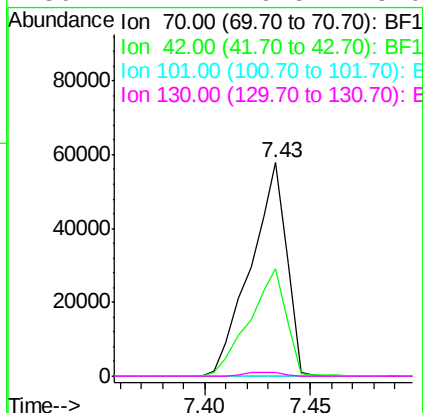
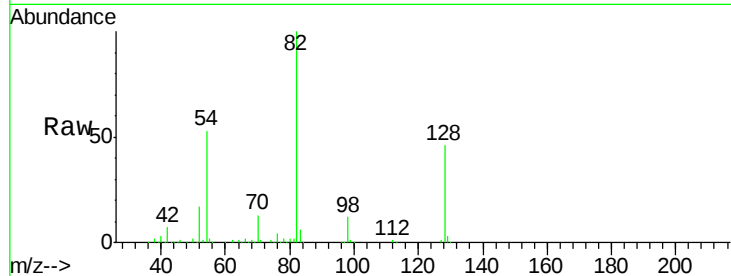




#19
n-Nitroso-di-n-propylamine
Concen: 16.78 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

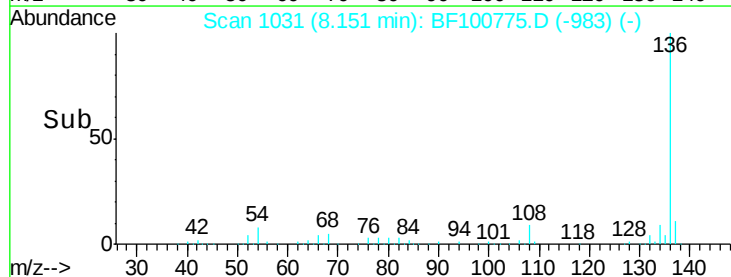
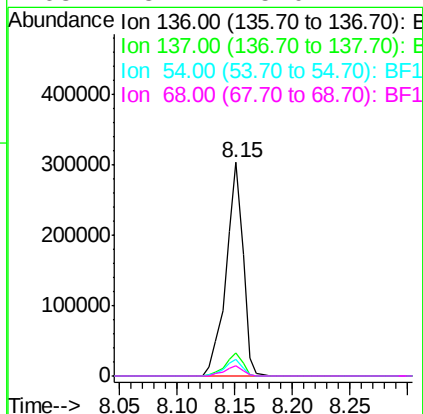
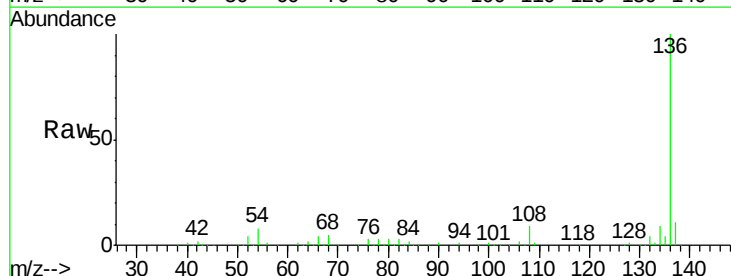
Instrument :
BNA_F
ClientSampleId :

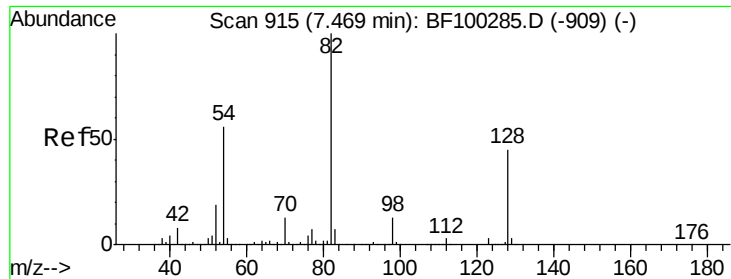
Tot Ion: 70 Resp: 68460
Ion Ratio Lower Upper
70 100
42 50.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion:136 Resp: 306992
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.9 6.6 9.8
68 5.1 5.0 7.4

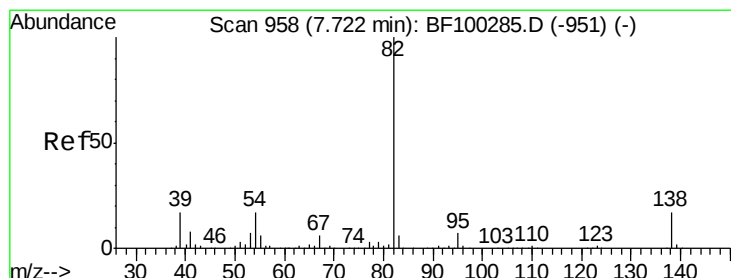
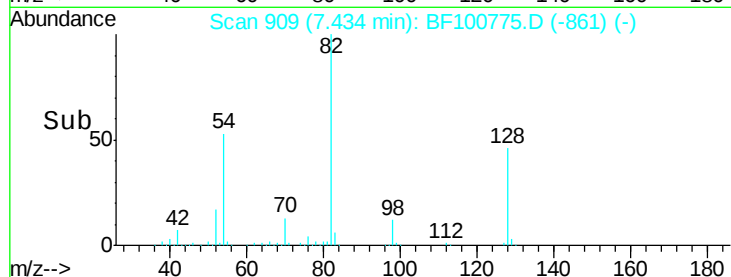
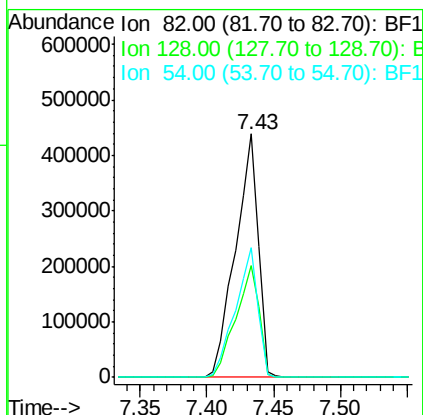
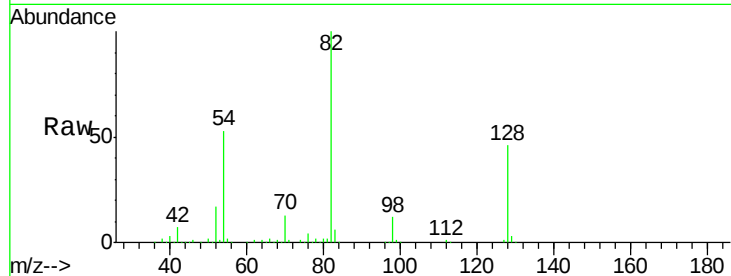




#23
 Nitrobenzene-d5
 Concen: 113.08 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100775.D
 Acq: 21 Nov 2017 12:56

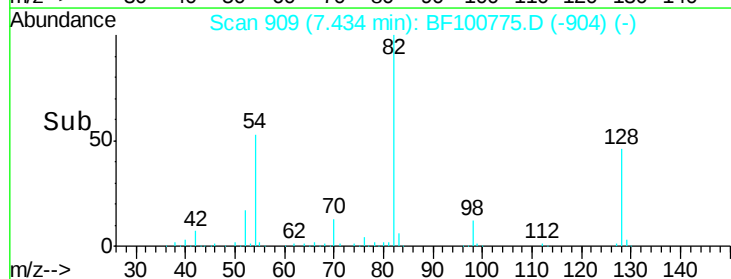
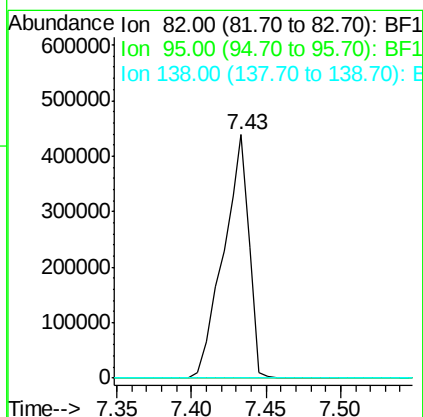
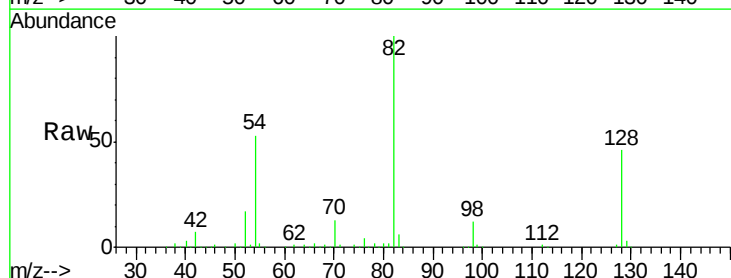
Instrument :
 BNA_F
 ClientSampled :

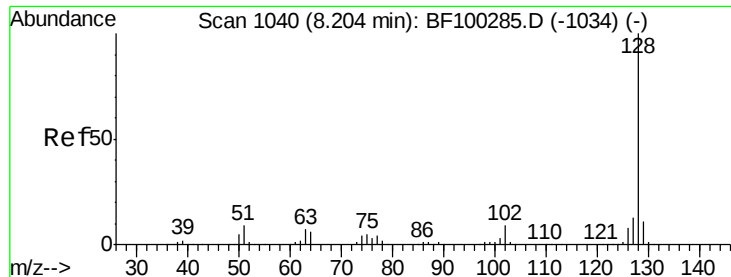
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	53.2	41.4	62.2



#25
 Isophorone
 Concen: 53.81 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.27 min
 Lab File: BF100775.D
 Acq: 21 Nov 2017 12:56

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#31

Naphthalene

Concen: 2.13 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF100775.D

Acq: 21 Nov 2017 12:56

Instrument :

BNA_F

ClientSampleId :

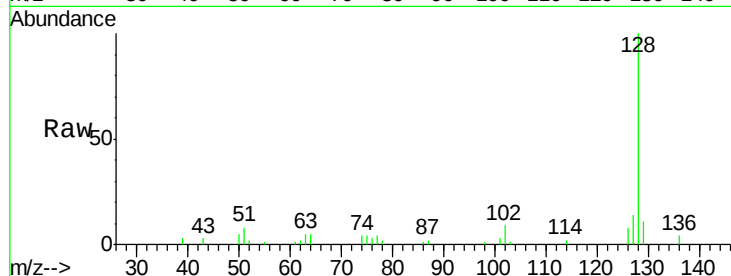
Tot Ion:128 Resp: 31507

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

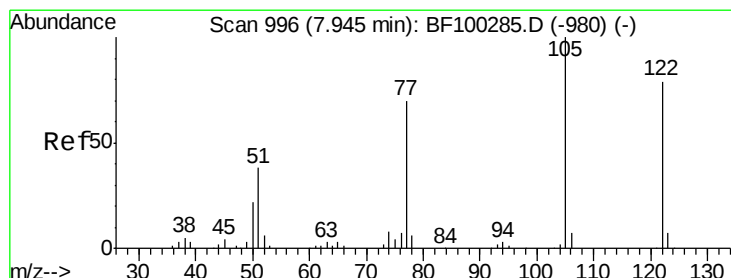
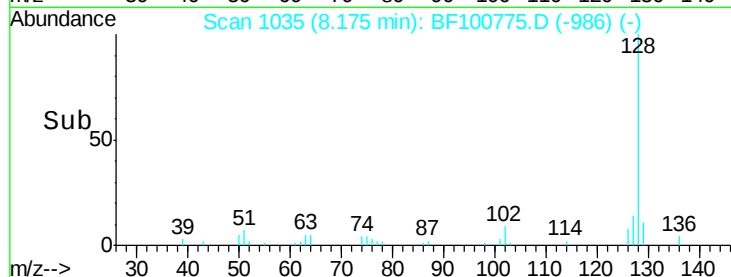
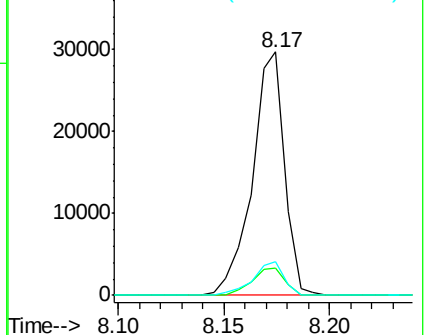
127 13.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.19 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.08 min

Lab File: BF100775.D

Acq: 21 Nov 2017 12:56

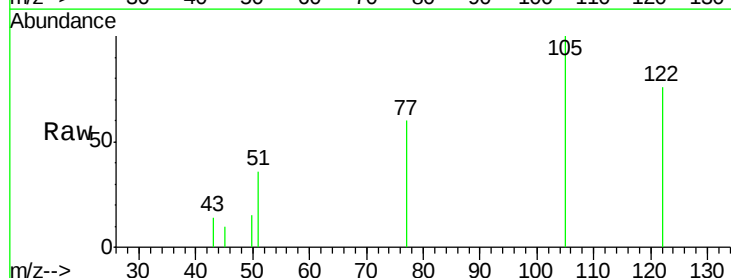
Tgt Ion:122 Resp: 3423

Ion Ratio Lower Upper

122 100

105 131.0 101.1 141.1

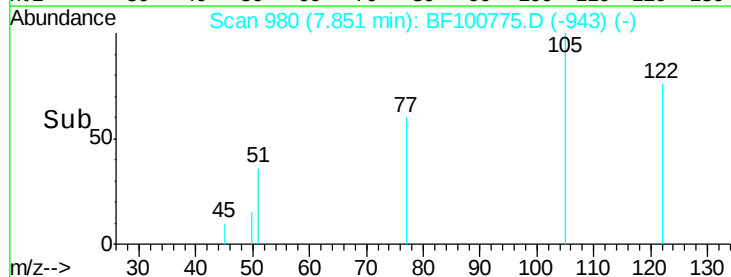
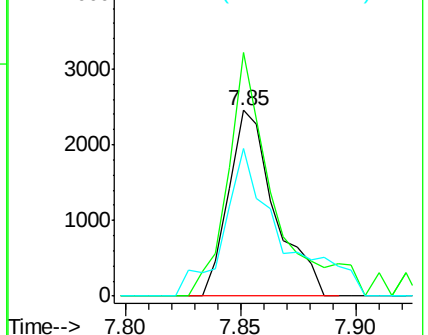
77 79.1 70.7 110.7

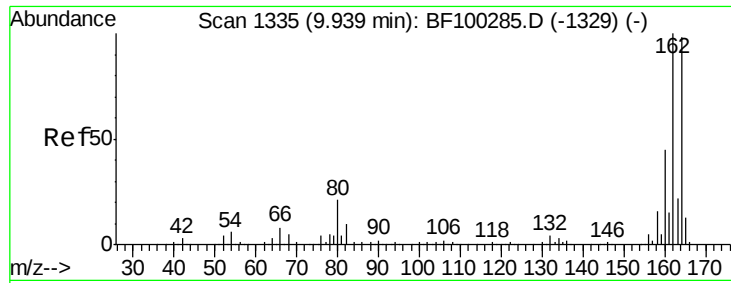


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

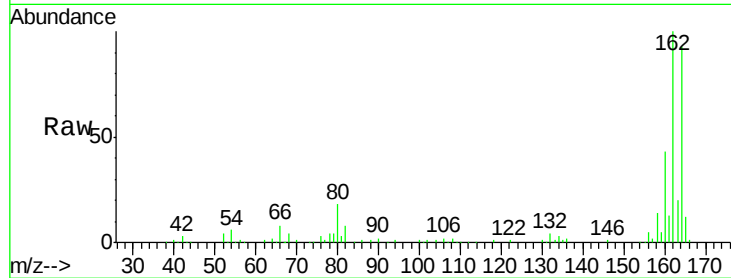




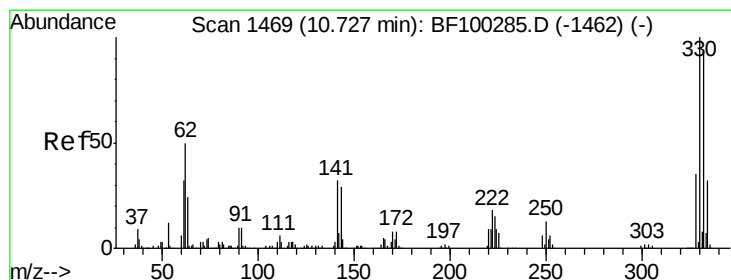
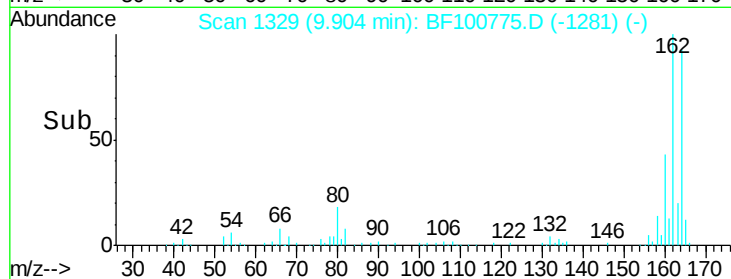
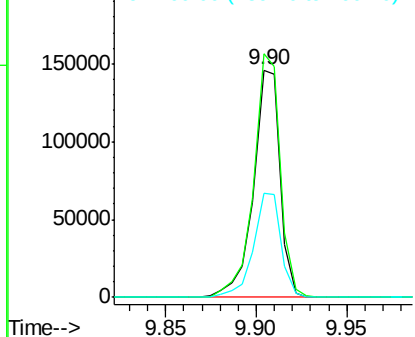
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 148945
Ion Ratio Lower Upper
164 100
162 107.1 86.1 129.1
160 45.9 38.3 57.5

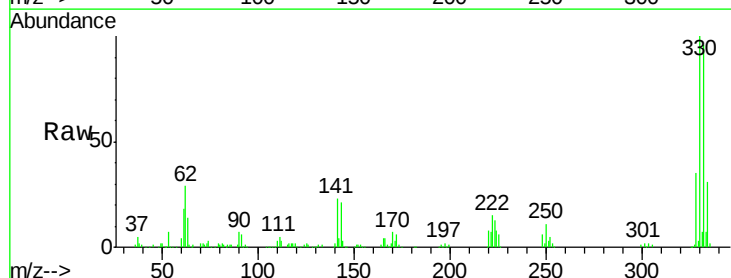


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

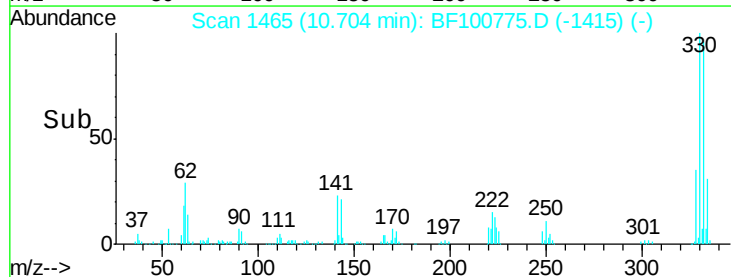
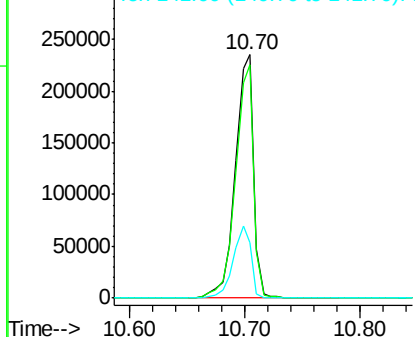


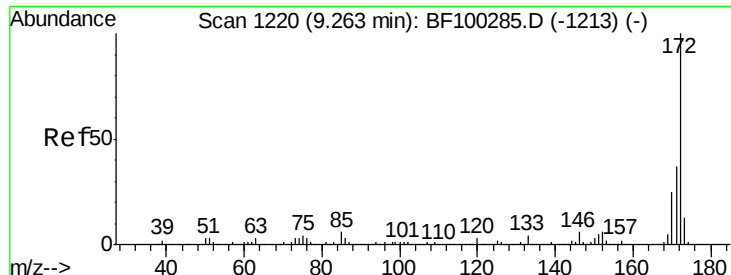
#41
2,4,6-Tribromophenol
Concen: 169.82 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion:330 Resp: 257749
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.6
141 29.2 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



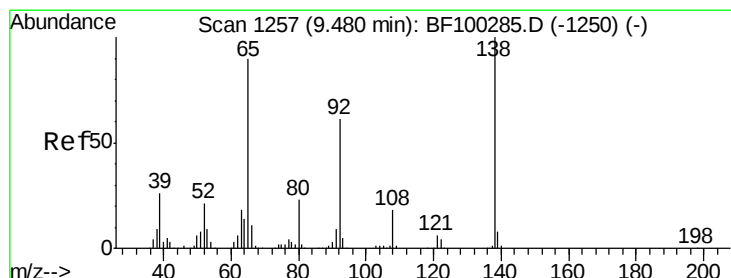
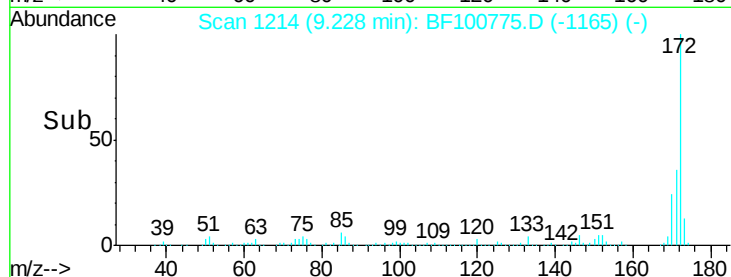
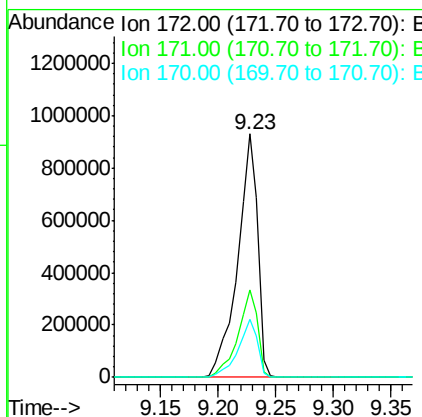
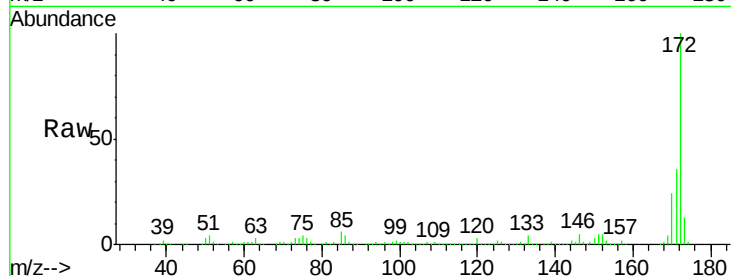


#44
 2-Fluorobiphenyl
 Concen: 113.56 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100775.D
 Acq: 21 Nov 2017 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1110808

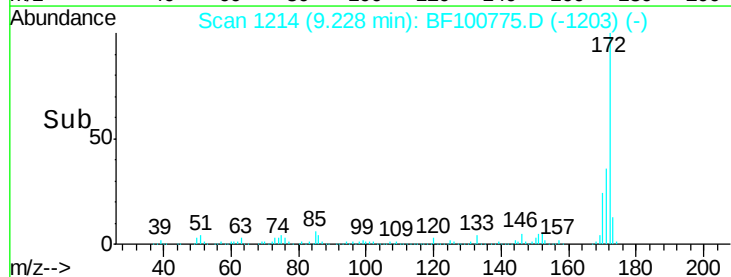
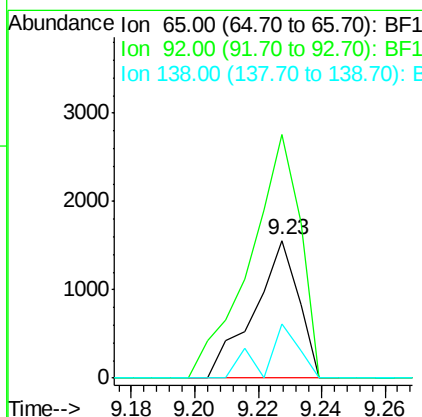
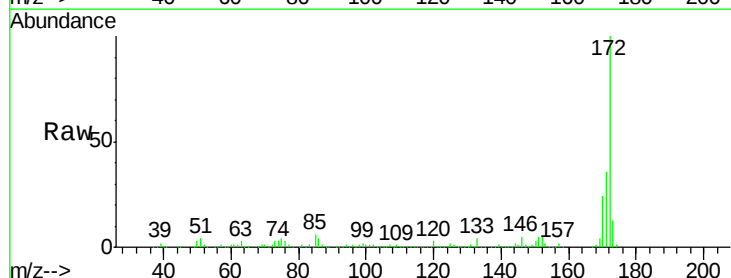
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4

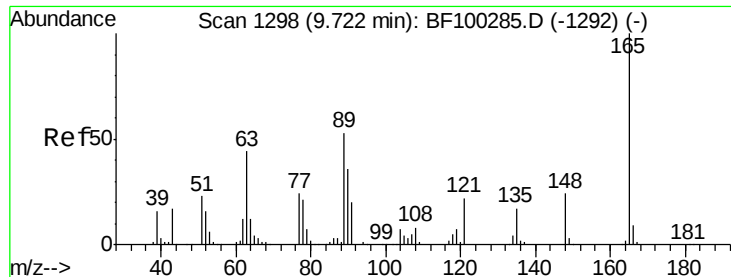


#47
 2-Nitroaniline
 Concen: 3.30 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.24 min
 Lab File: BF100775.D
 Acq: 21 Nov 2017 12:56

Tgt Ion: 65 Resp: 1517

Ion	Ratio	Lower	Upper
65	100		
92	176.7	55.8	83.6#
138	39.1	91.2	136.8#

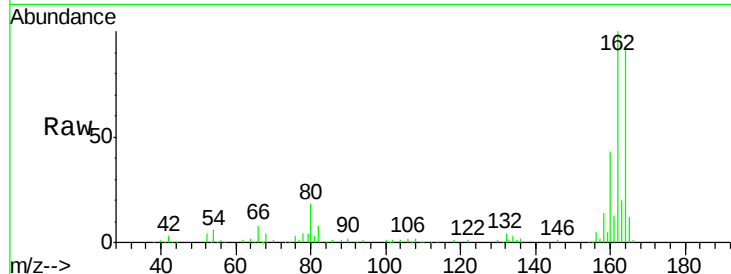




#50
 2,6-Dinitrotoluene
 Concen: 8.68 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.20 min
 Lab File: BF100775.D
 Acq: 21 Nov 2017 12:56

Instrument :
 BNA_F
 ClientSampled :

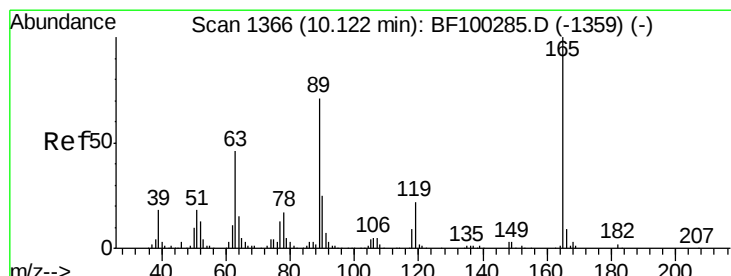
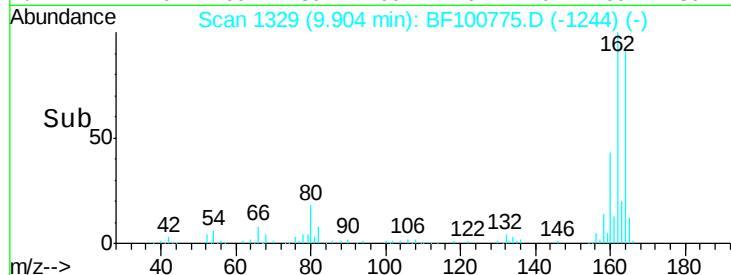
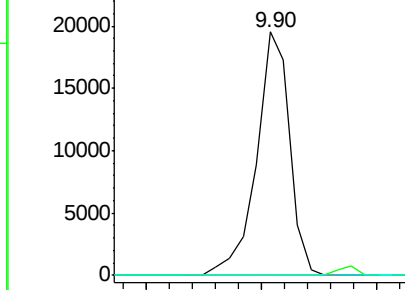
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.88 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF100775.D
 Acq: 21 Nov 2017 12:56

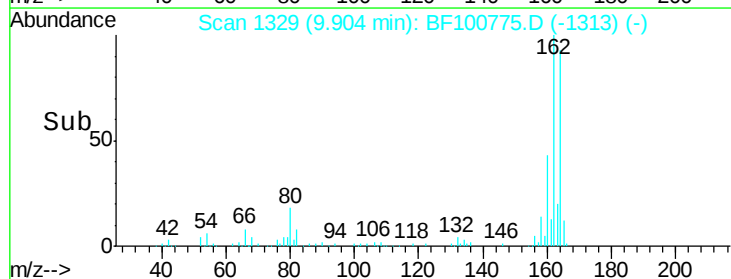
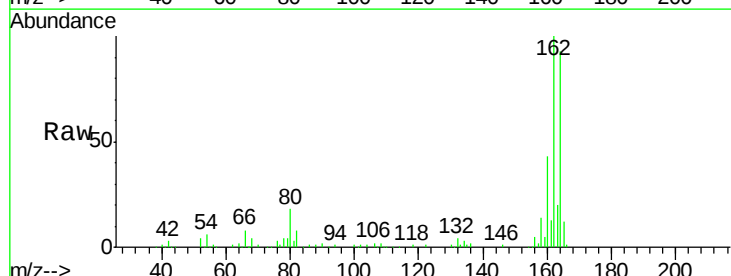
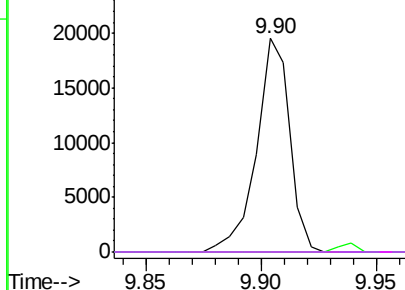
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

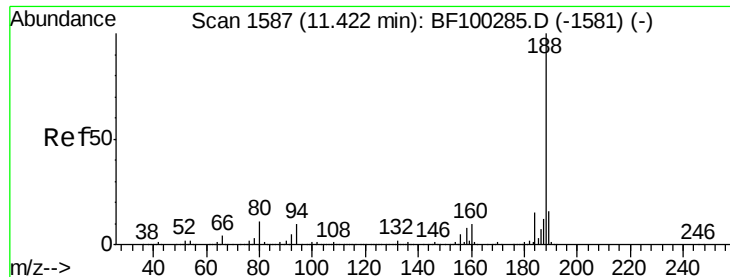
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF100775.D

Acq: 21 Nov 2017 12:56

Instrument :

BNA_F

ClientSampleId :

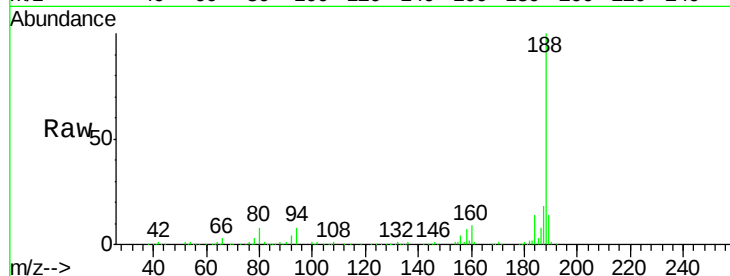
Tot Ion:188 Resp: 310014

Ion Ratio Lower Upper

188 100

94 7.5 8.5 12.7#

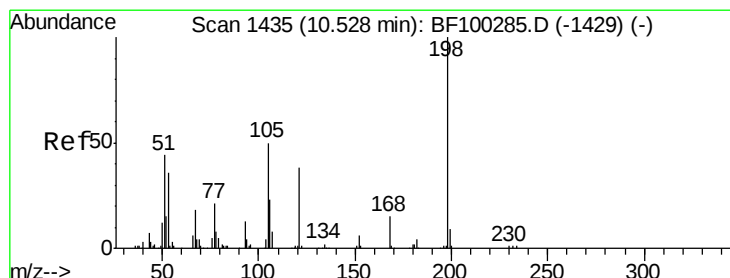
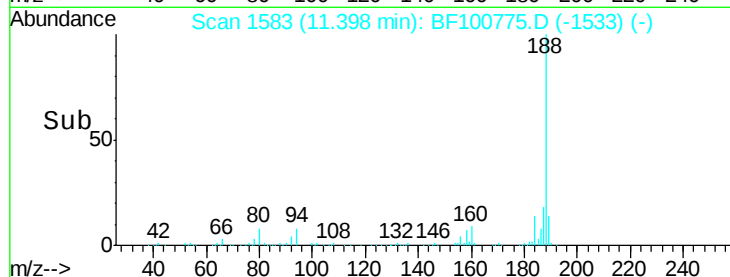
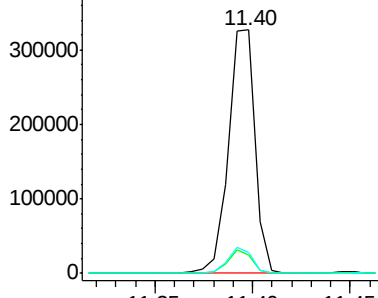
80 8.5 9.2 13.8#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.72 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.18 min

Lab File: BF100775.D

Acq: 21 Nov 2017 12:56

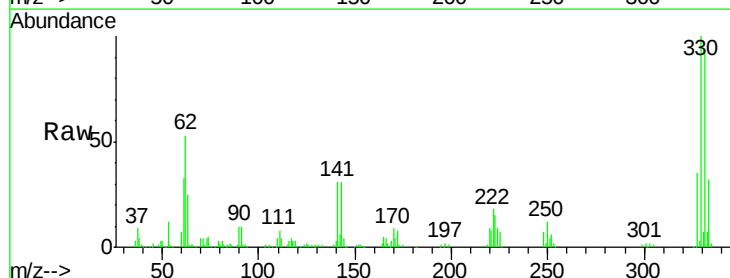
Tgt Ion:198 Resp: 289

Ion Ratio Lower Upper

198 100

51 217.3 37.7 77.7#

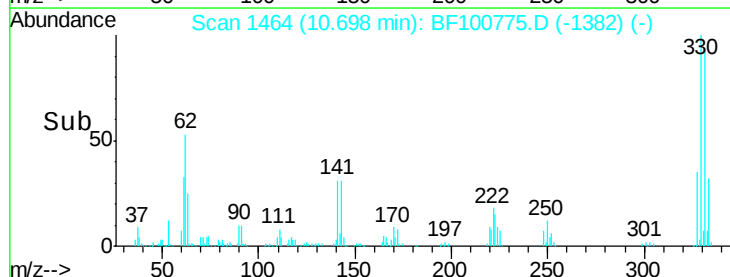
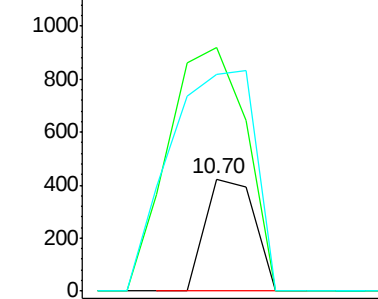
105 193.9 36.3 76.3#

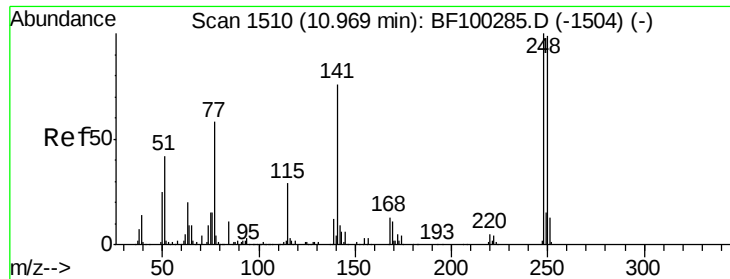


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

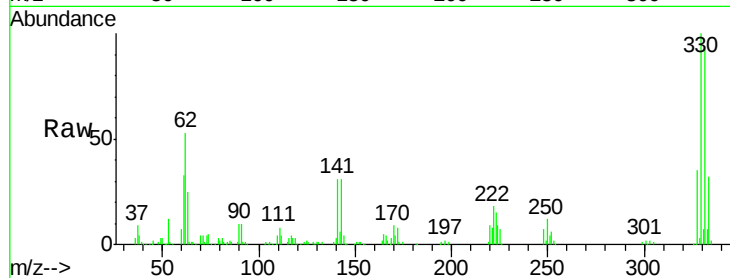




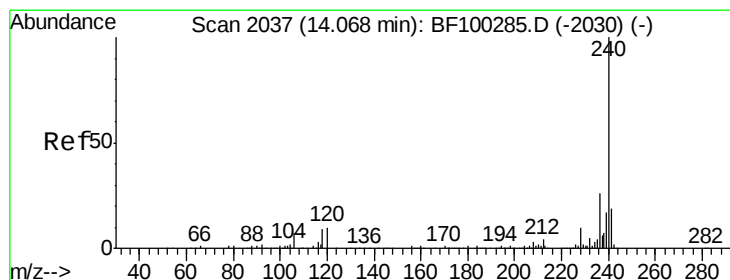
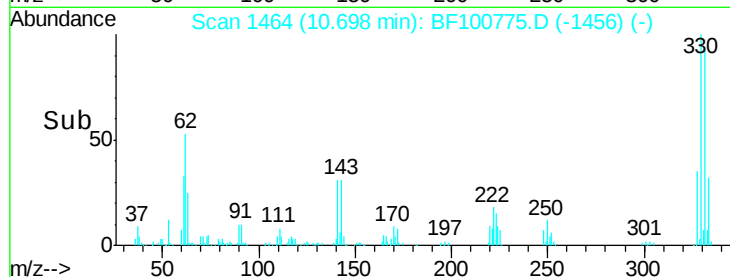
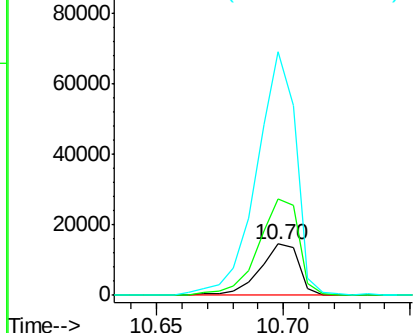
#66
 4-Bromophenyl-phenylether
 Concen: 4.77 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF100775.D
 Acq: 21 Nov 2017 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15846
 Ion Ratio Lower Upper
 248 100
 250 187.1 76.9 115.3#
 141 475.3 74.4 111.6#

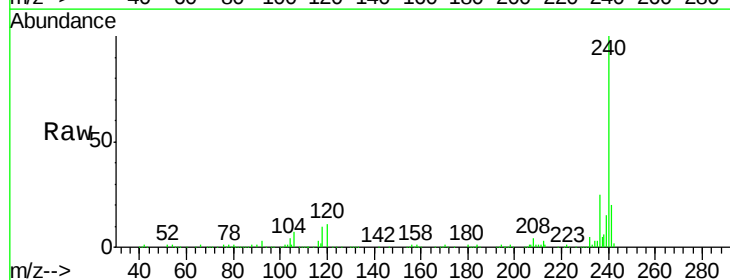


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

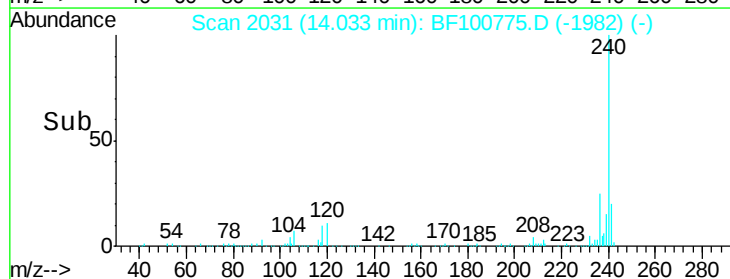
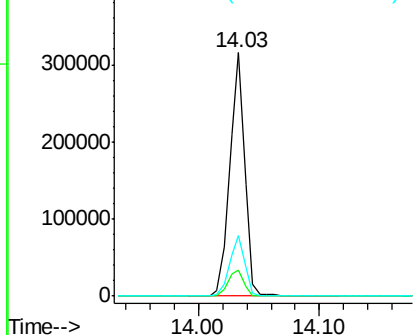


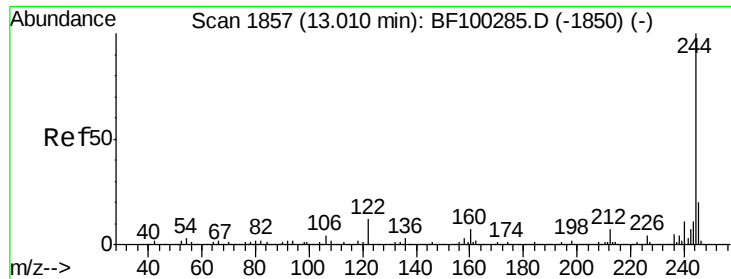
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF100775.D
 Acq: 21 Nov 2017 12:56

Tgt Ion:240 Resp: 271174
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 25.1 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

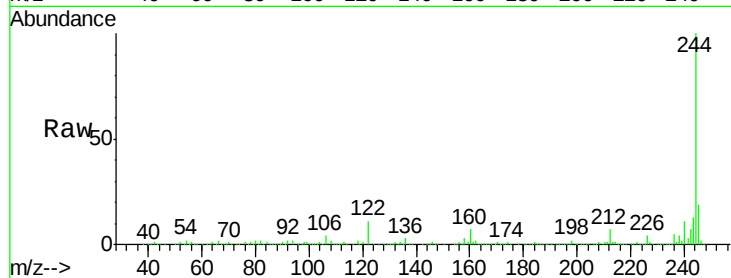




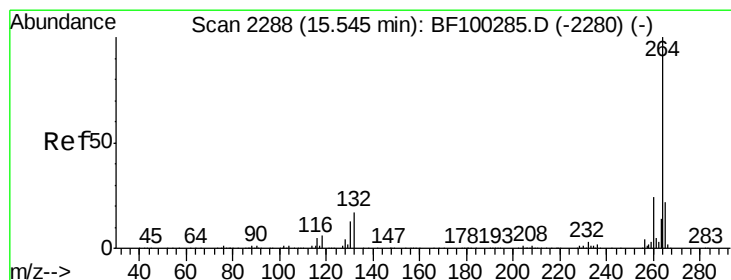
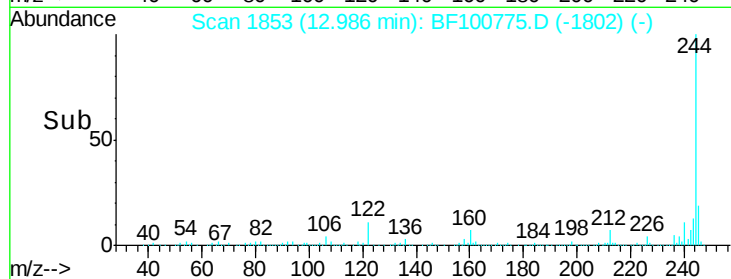
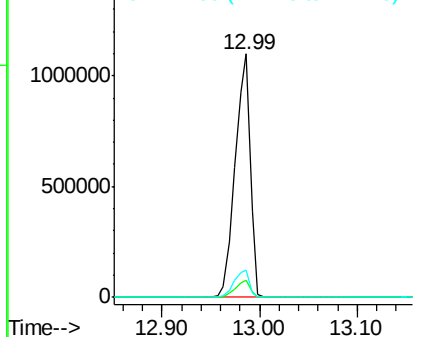
#78
 Terphenyl-d14
 Concen: 99.85 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF100775.D
 Acq: 21 Nov 2017 12:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1178420
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.2 11.0 16.4

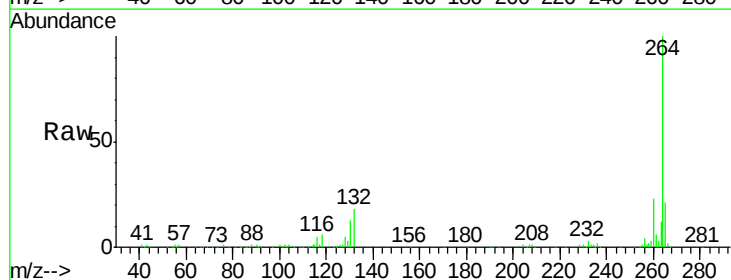


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF100775.D
 Acq: 21 Nov 2017 12:56

Tgt Ion:264 Resp: 199268
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.3 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

