

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100807.D
 Acq On : 22 Nov 2017 4:13
 Operator : SJ/JU
 Sample : I6466-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 07:36:12 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

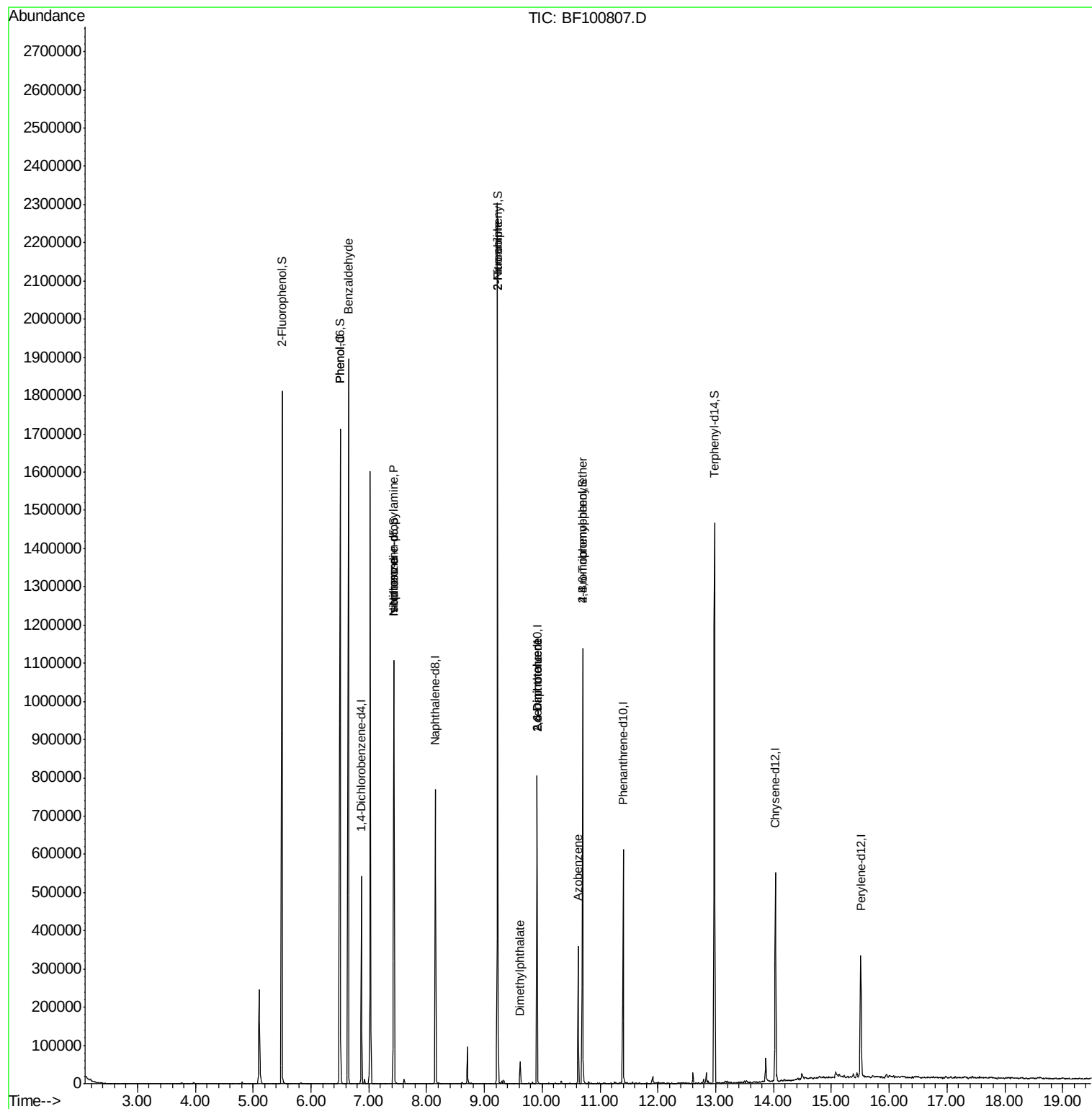
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85951	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	340264	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	147628	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	241836	20.00	ng	0.00
75) Chrysene-d12	14.03	240	178320	20.00	ng	-0.01
86) Perylene-d12	15.51	264	156483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	535756	99.92	ng	0.00
7) Phenol-d6	6.50	99	638547	96.57	ng	0.00
23) Nitrobenzene-d5	7.43	82	395499	76.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	140297	93.26	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	732848	75.59	ng	-0.01
78) Terphenyl-d14	12.98	244	482975	62.23	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	10876	2.30	ng	86
10) Phenol	6.51	94	34347	4.95	ng	82
19) n-Nitroso-di-n-propylamine	7.43	70	50861	11.09	ng	# 82
25) Isophorone	7.43	82	395491	36.57	ng	# 64
47) 2-Nitroaniline	9.23	65	892	3.09	ng	# 1
49) Dimethylphthalate	9.62	163	25958	2.30	ng	100
50) 2,6-Dinitrotoluene	9.91	165	18891	8.47	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	18891	6.71	ng	# 23
62) Azobenzene	10.62	77	55852	5.26	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8835	3.41	ng	# 1

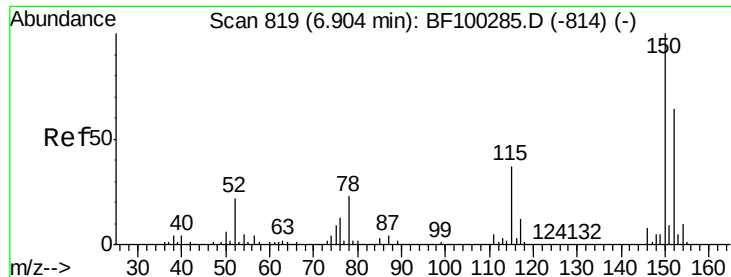
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100807.D
Acq On : 22 Nov 2017 4:13
Operator : SJ/JU
Sample : I6466-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 22 07:36:12 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



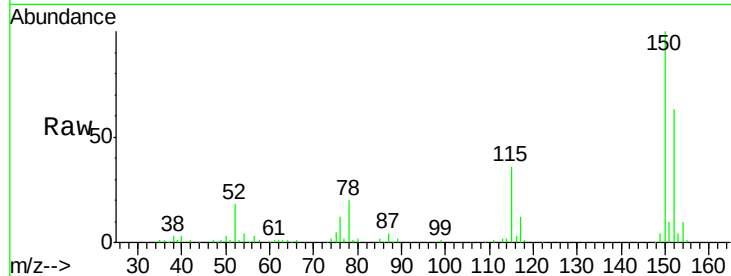


#1

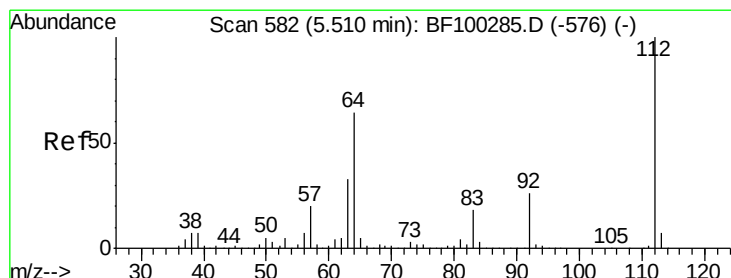
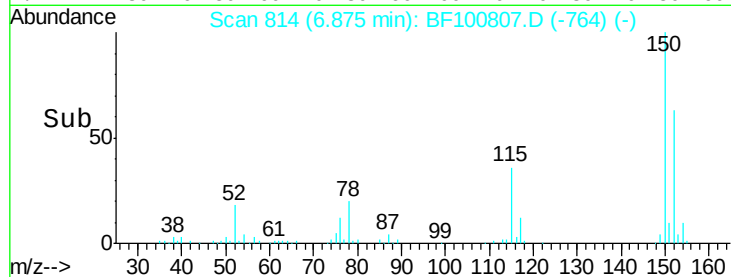
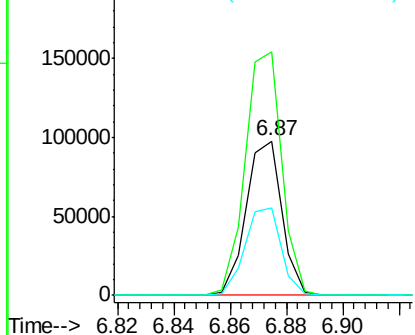
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100807.D
 Acq: 22 Nov 2017 4:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	57.0	50.1	75.1



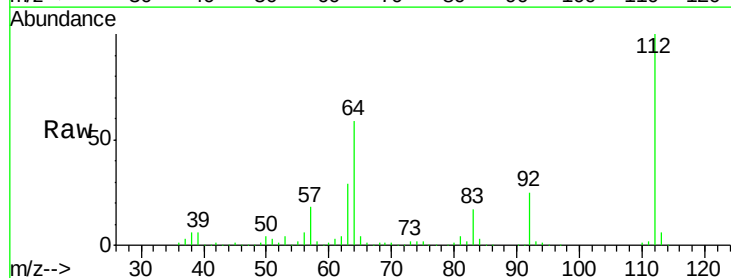
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



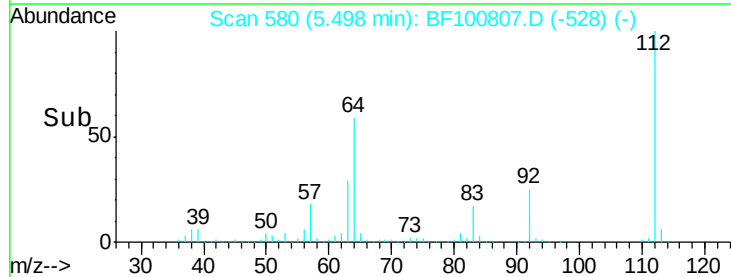
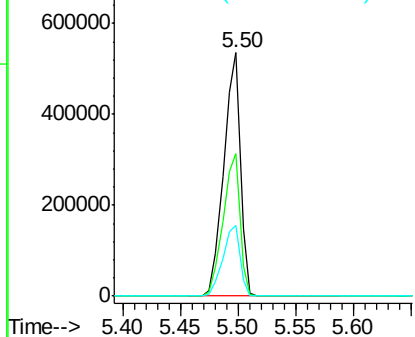
#5

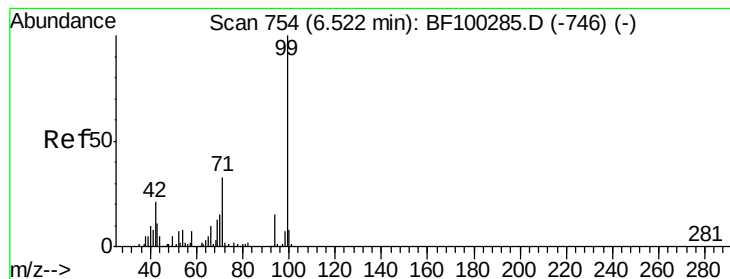
2-Fluorophenol
 Concen: 99.92 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF100807.D
 Acq: 22 Nov 2017 4:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	29.2	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: 96.57 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

Instrument :

BNA_F

ClientSampleId :

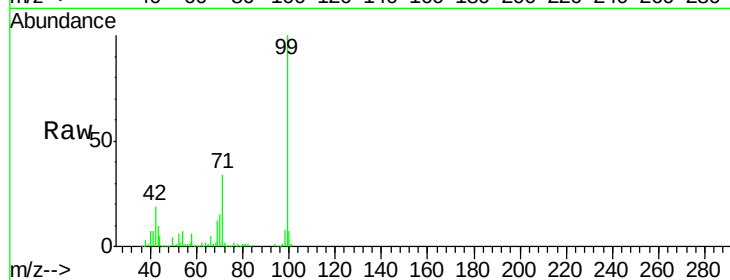
Tot Ion: 99 Resp: 638547

Ion Ratio Lower Upper

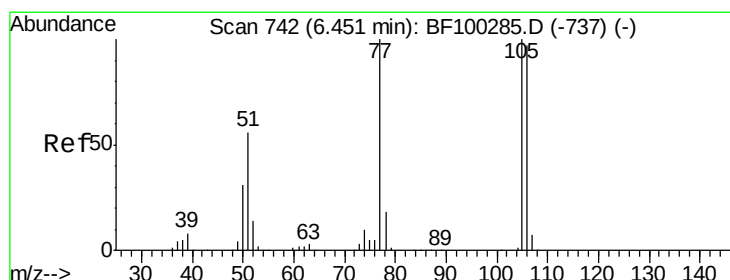
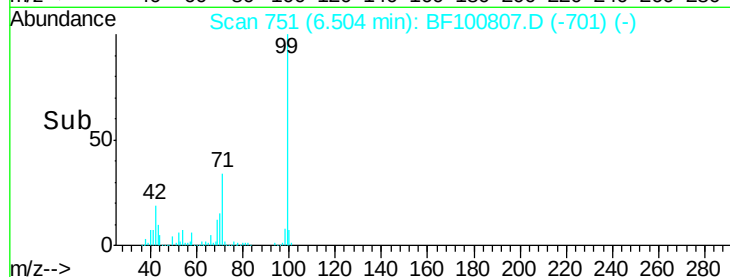
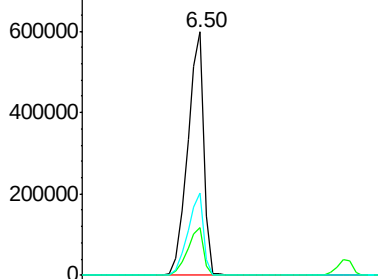
99 100

42 19.4 14.5 21.7

71 34.0 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: 2.30 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.21 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

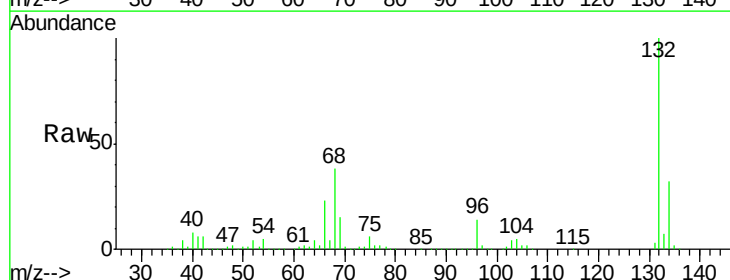
Tgt Ion: 77 Resp: 10876

Ion Ratio Lower Upper

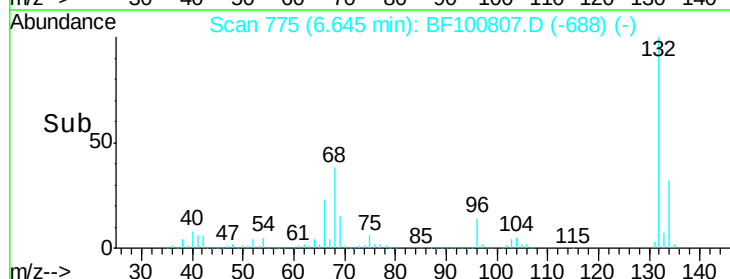
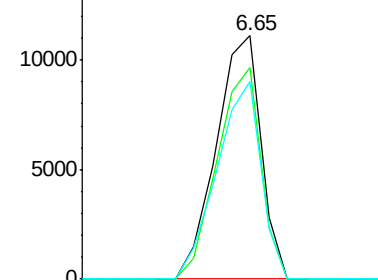
77 100

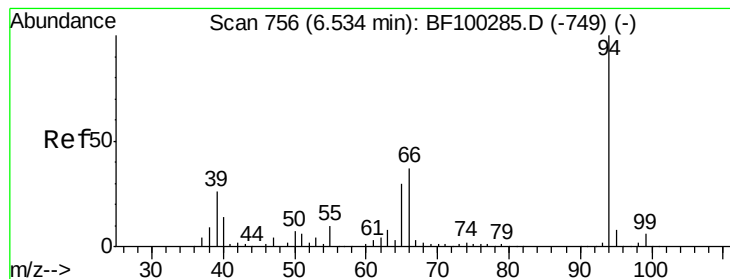
105 86.9 81.1 121.1

106 81.3 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





#10

Phenol

Concen: 4.95 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

Instrument :

BNA_F

ClientSampleId :

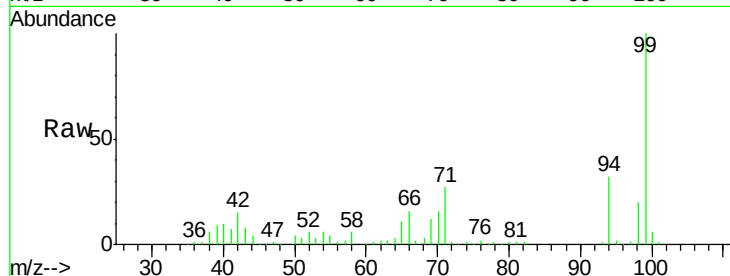
Tot Ion: 94 Resp: 34347

Ion Ratio Lower Upper

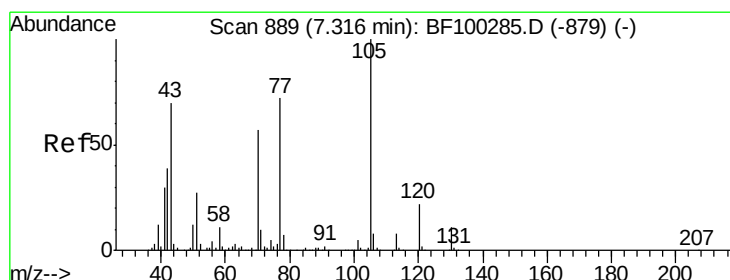
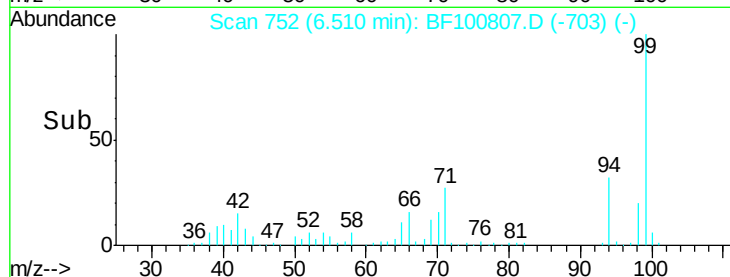
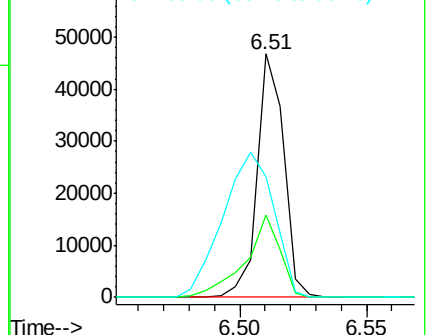
94 100

65 33.9 7.9 47.9

66 49.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.09 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

Tgt Ion: 70 Resp: 50861

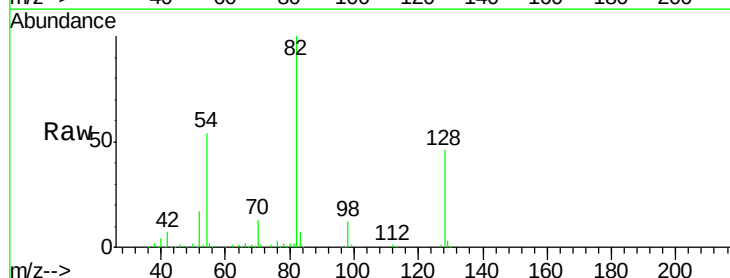
Ion Ratio Lower Upper

70 100

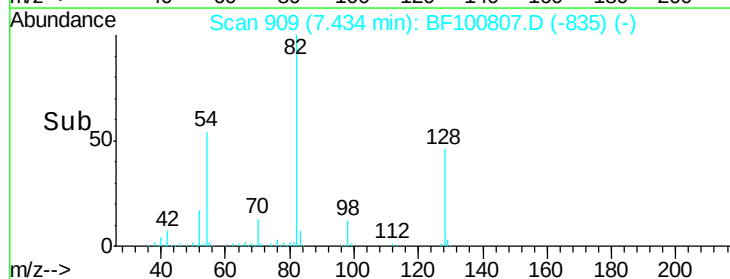
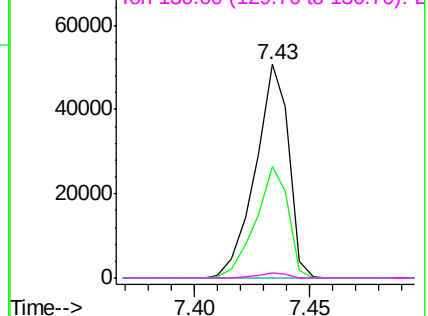
42 52.0 47.5 71.3

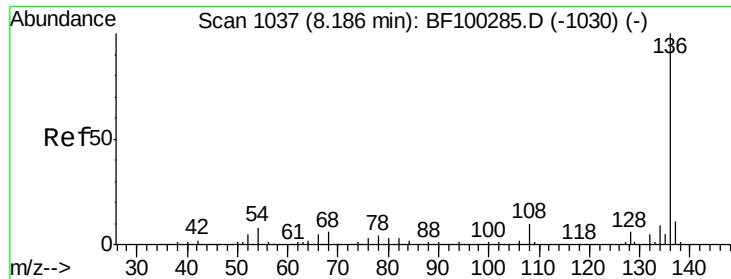
101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

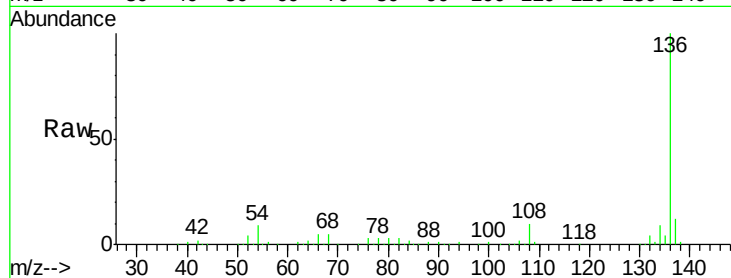




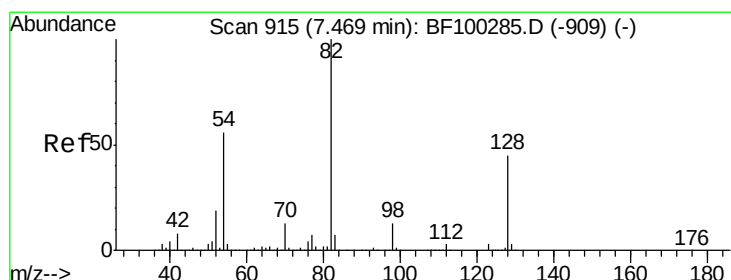
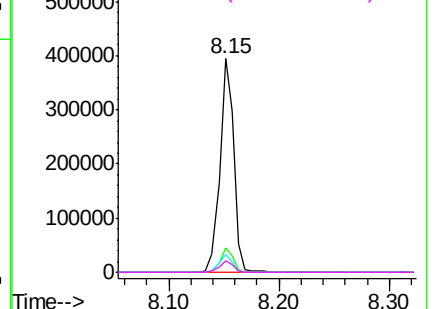
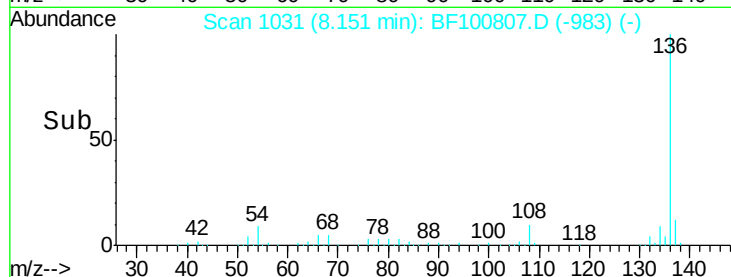
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	340264
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.9 13.3
54	8.5	6.6 9.8
68	5.2	5.0 7.4

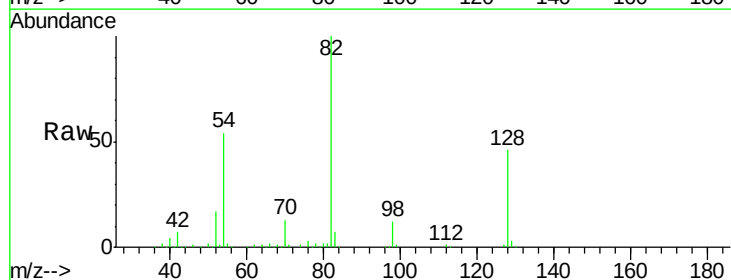


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

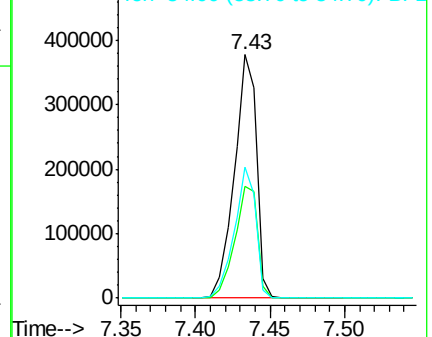
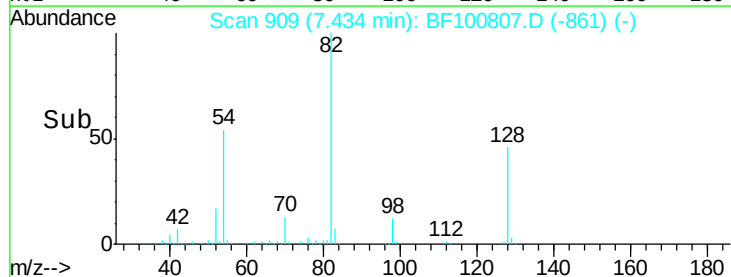


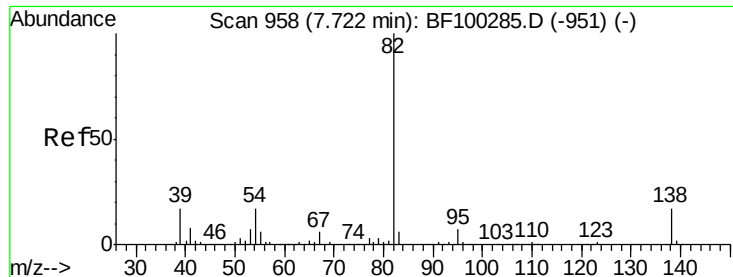
#23
Nitrobenzene-d5
Concen: 76.85 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion: 82	Resp:	395499
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.1 54.1
54	53.8	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





#25

Isophorone

Concen: 36.57 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

Instrument :

BNA_F

ClientSampleId :

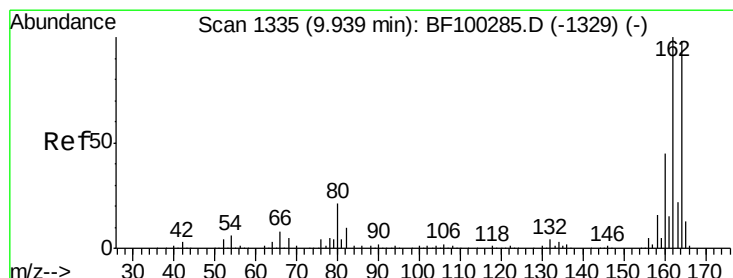
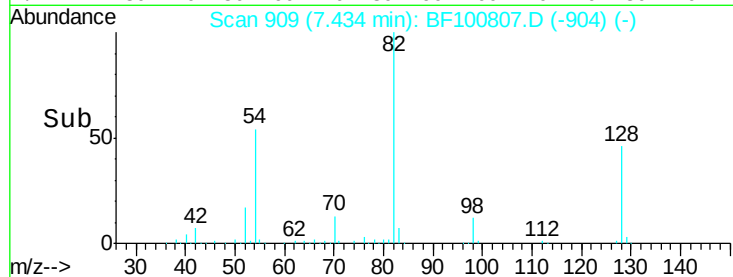
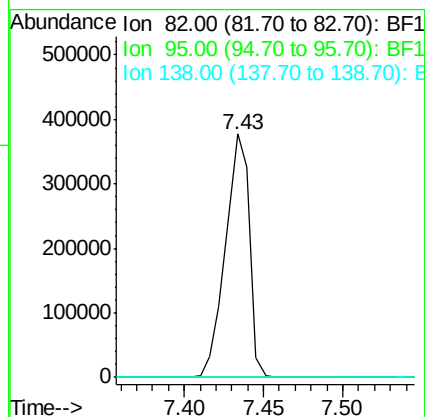
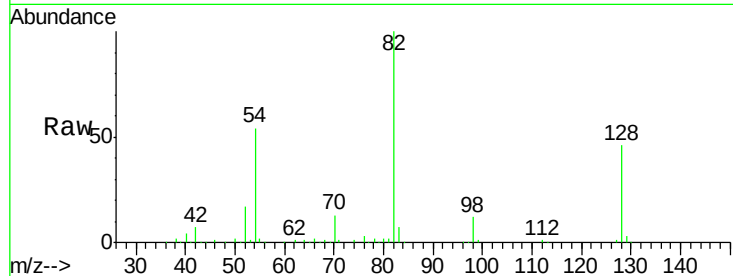
Tot Ion: 82 Resp: 395491

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

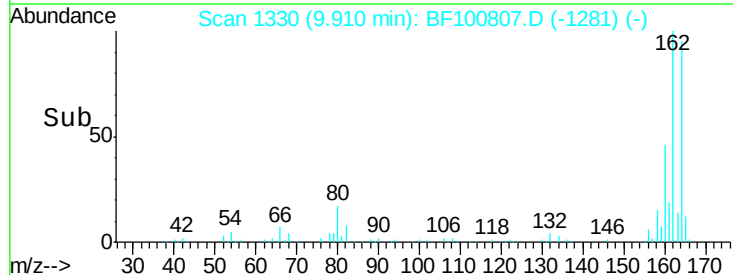
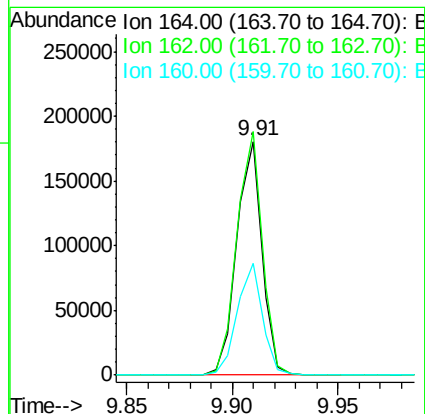
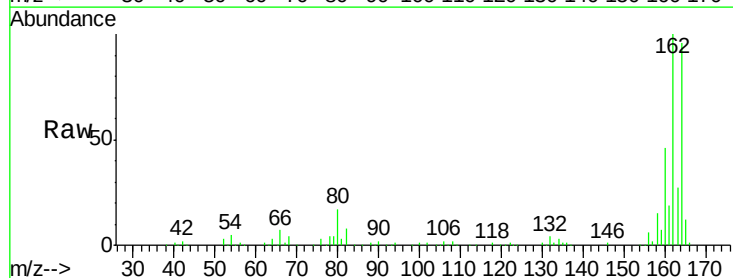
Tgt Ion:164 Resp: 147628

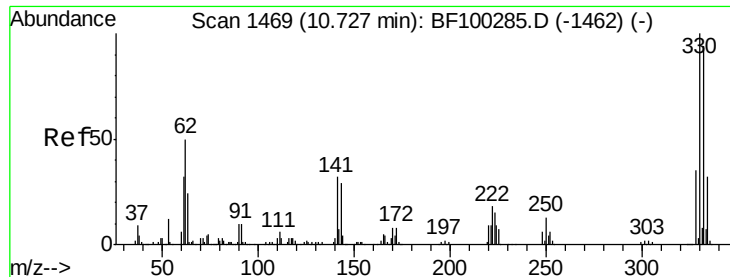
Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

160 47.9 38.3 57.5

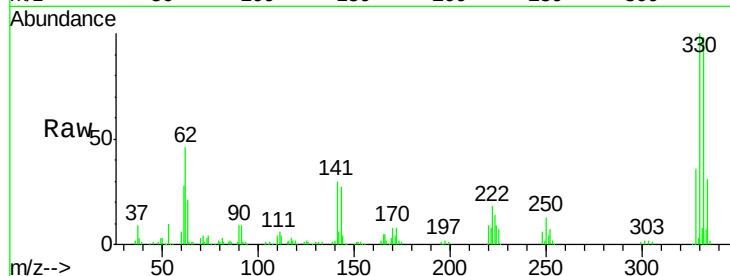




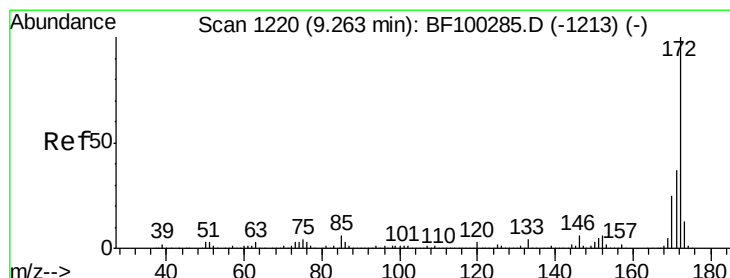
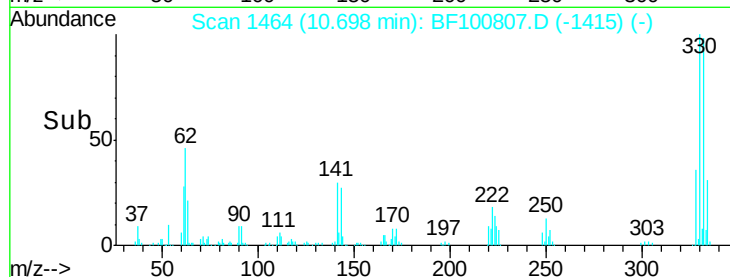
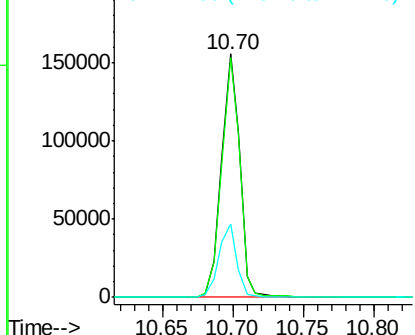
#41
 2,4,6-Tribromophenol
 Concen: 93.26 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100807.D
 Acq: 22 Nov 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.1	29.9	44.9#

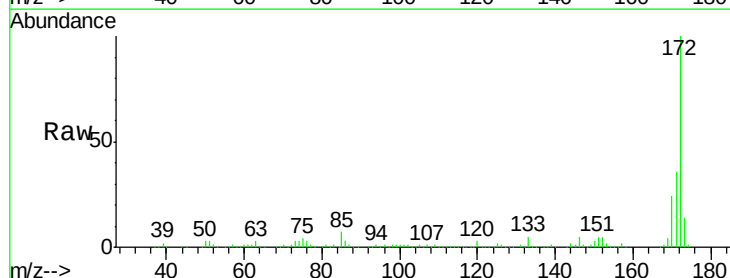


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

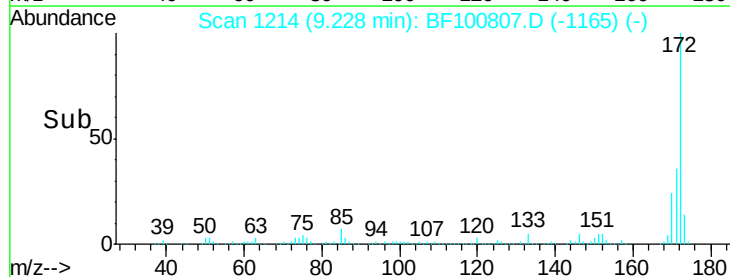
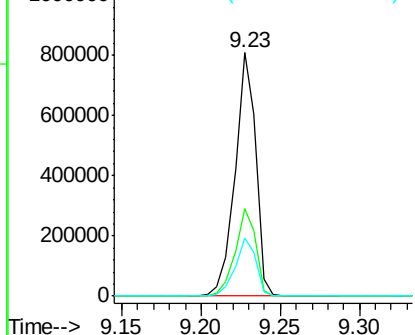


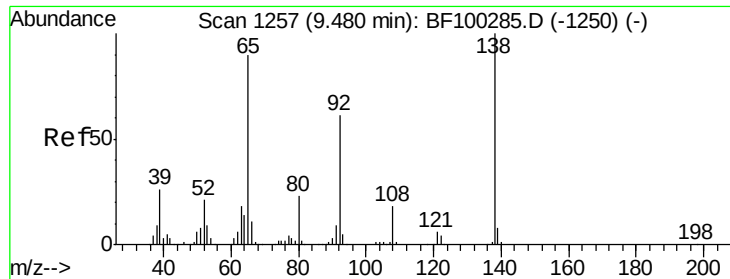
#44
 2-Fluorobiphenyl
 Concen: 75.59 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100807.D
 Acq: 22 Nov 2017 4:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	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

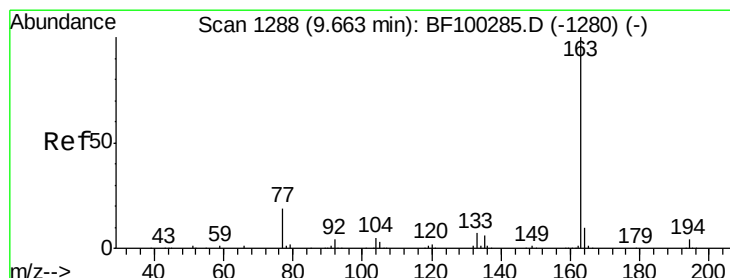
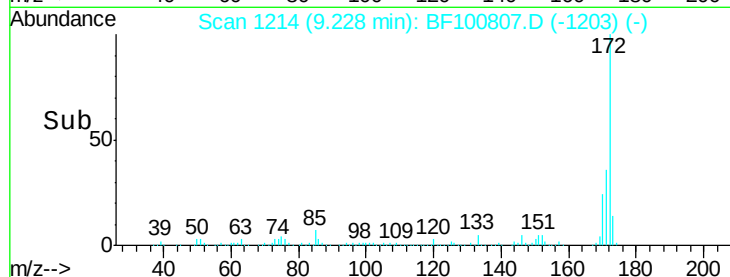
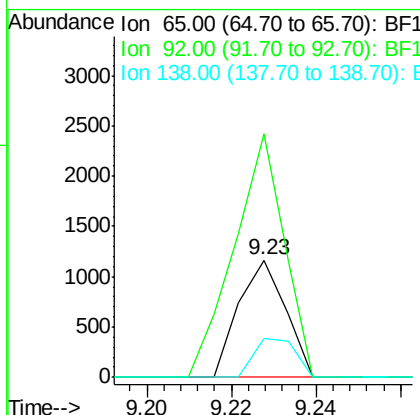
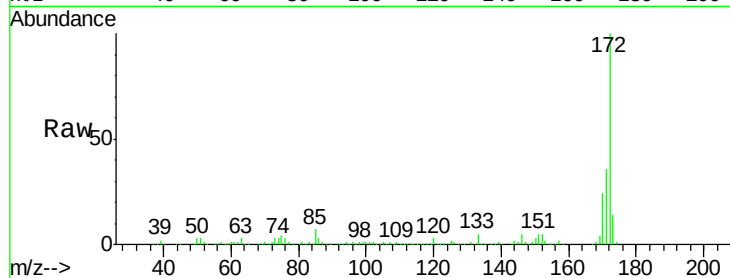




#47
2-Nitroaniline
Concen: 3.09 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.24 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

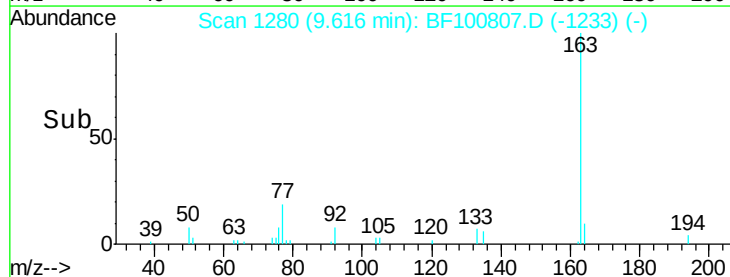
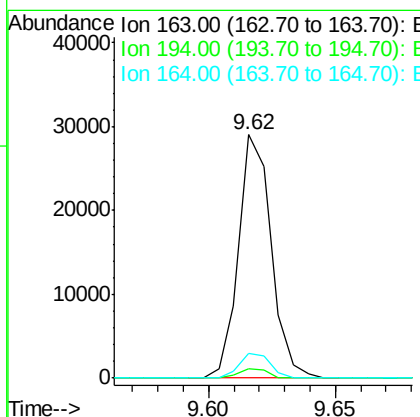
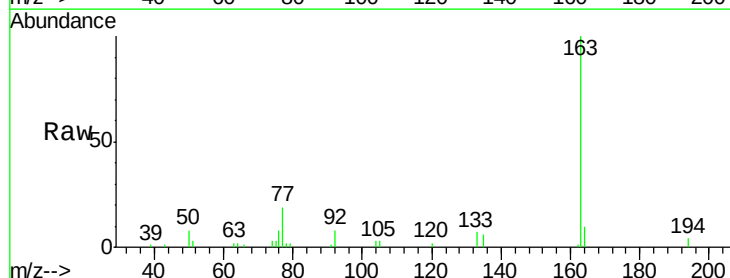
Instrument :
BNA_F
ClientSampled :

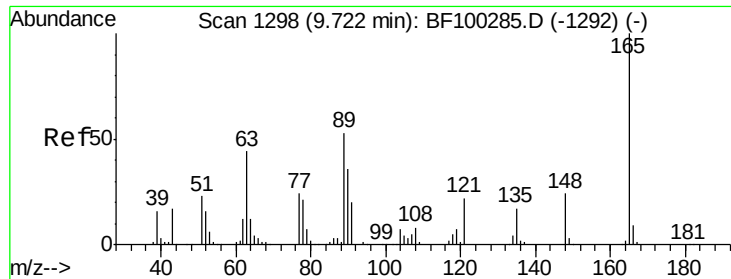
Tot Ion: 65 Resp: 892
Ion Ratio Lower Upper
65 100
92 208.3 55.8 83.6#
138 32.8 91.2 136.8#



#49
Dimethylphthalate
Concen: 2.30 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion: 163 Resp: 25958
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

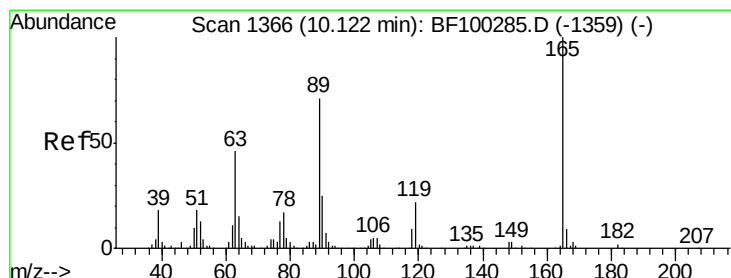
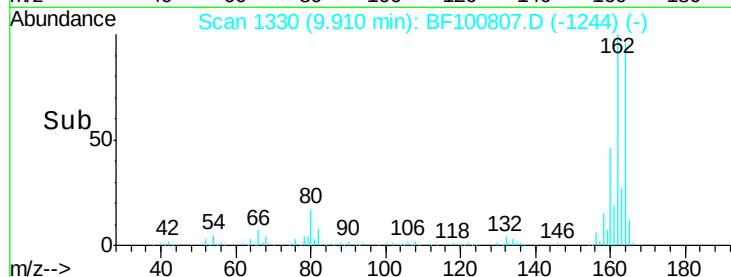
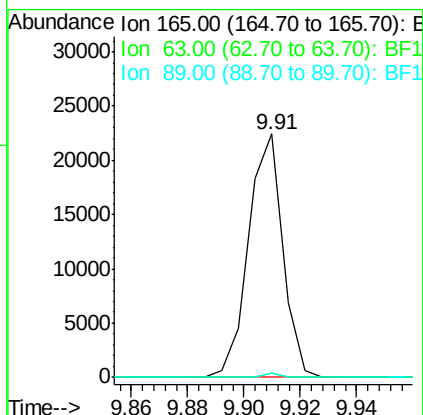
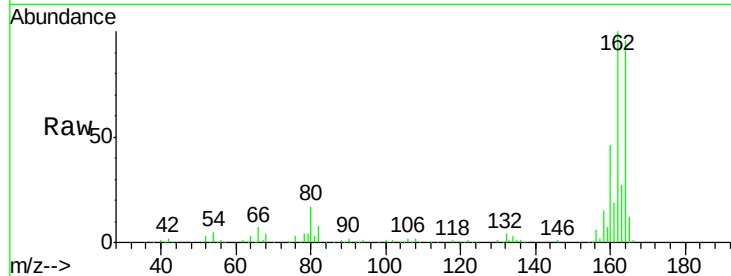




#50
 2,6-Dinitrotoluene
 Concen: 8.47 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF100807.D
 Acq: 22 Nov 2017 4:13

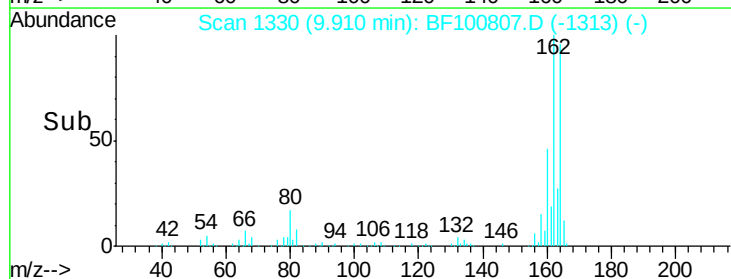
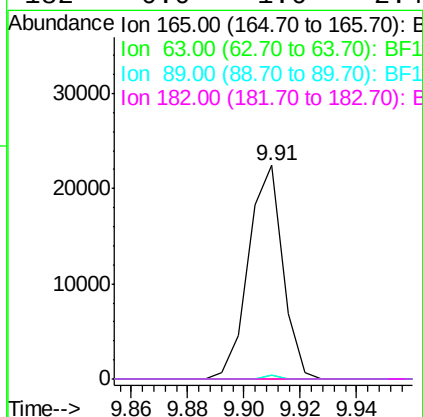
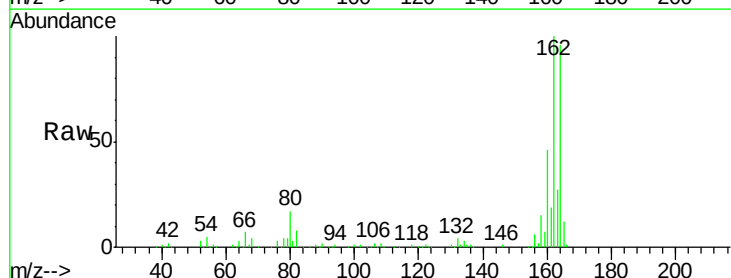
Instrument :
 BNA_F
 ClientSampleId :

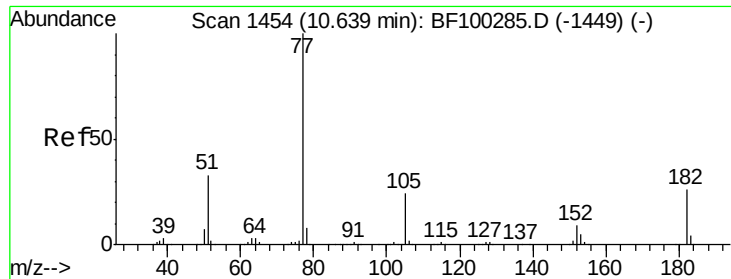
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF100807.D
 Acq: 22 Nov 2017 4:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#





#62

Azobenzene

Concen: 5.26 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 55852

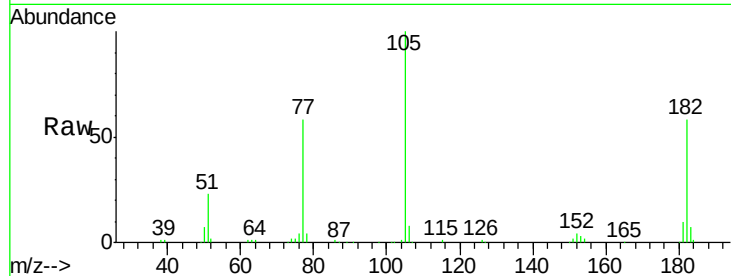
Ion Ratio Lower Upper

77 100

182 101.6 1.7 41.7#

105 173.9 3.0 43.0#

51 40.2 9.9 49.9

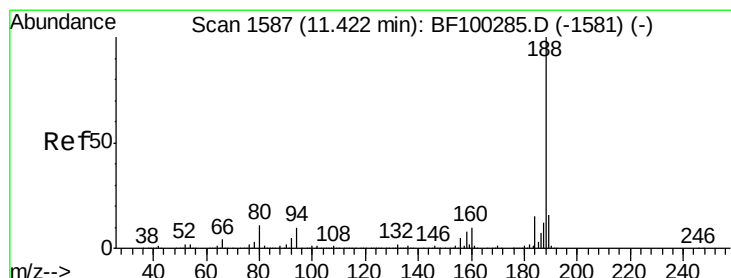
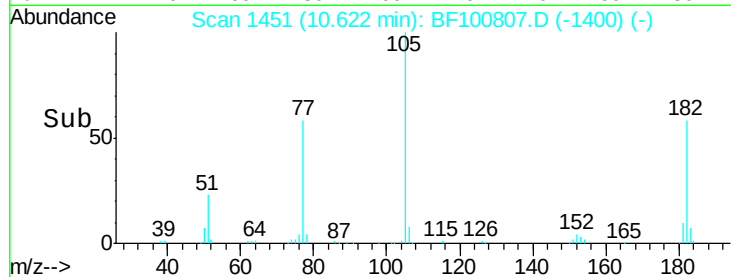
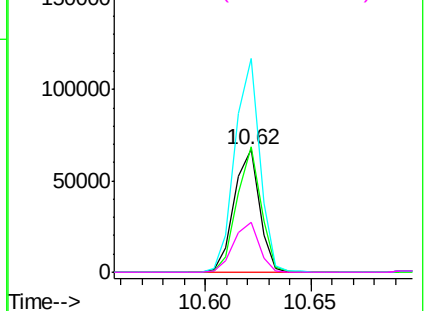


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

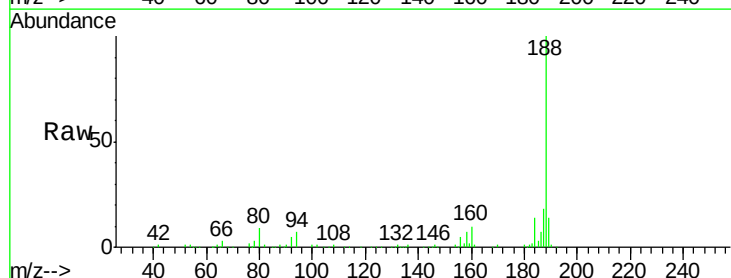
Tgt Ion: 188 Resp: 241836

Ion Ratio Lower Upper

188 100

94 7.5 8.5 12.7#

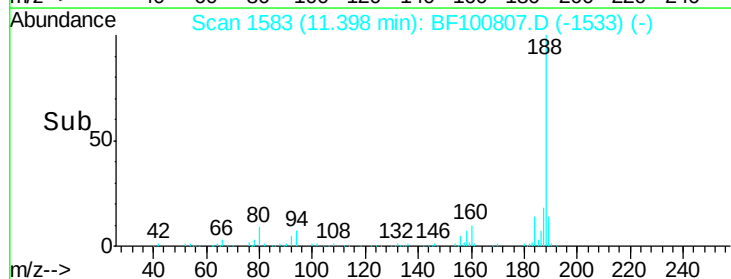
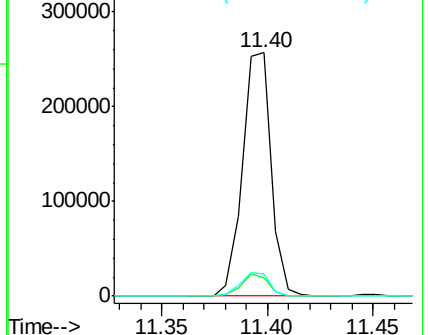
80 8.9 9.2 13.8#

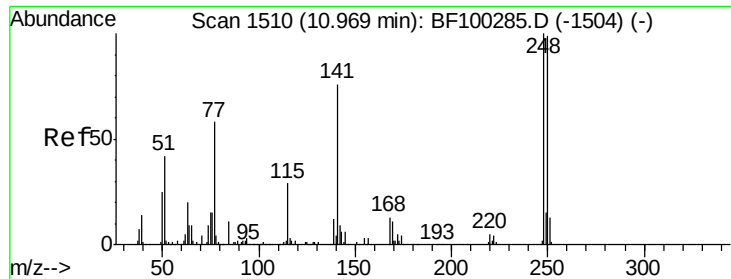


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

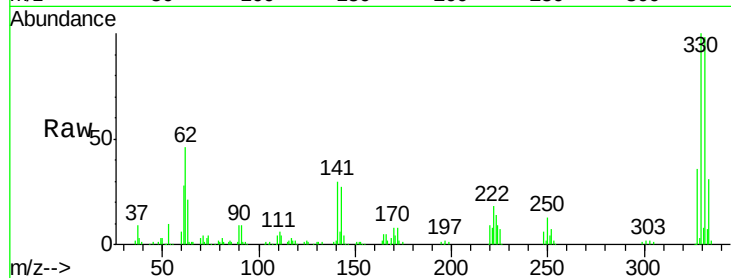




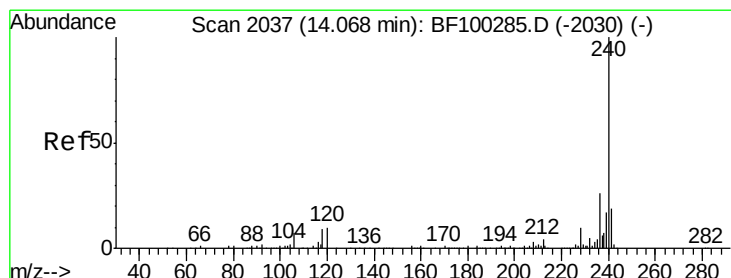
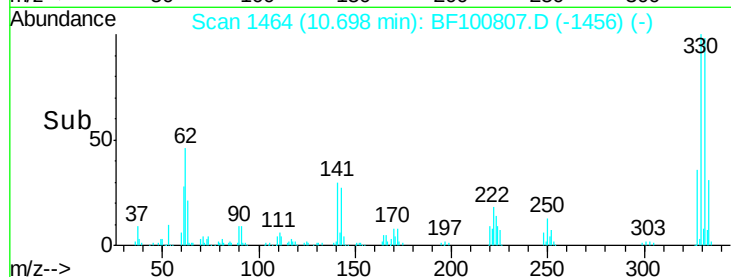
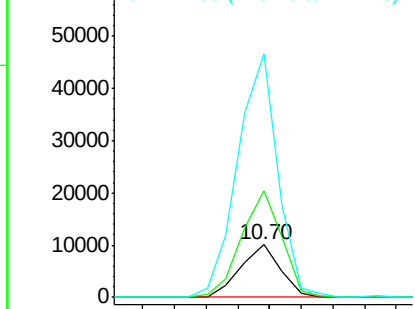
#66
4-Bromophenyl-phenylether
Concen: 3.41 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8835
Ion Ratio Lower Upper
248 100
250 202.7 76.9 115.3#
141 461.8 74.4 111.6#

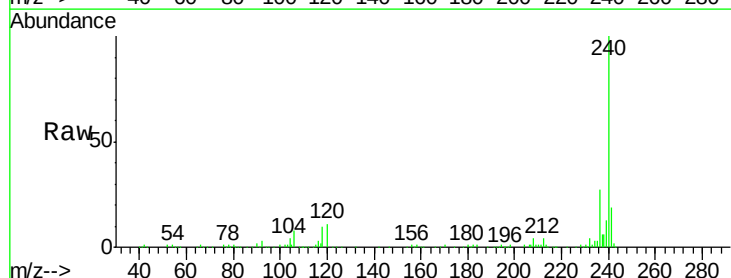


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

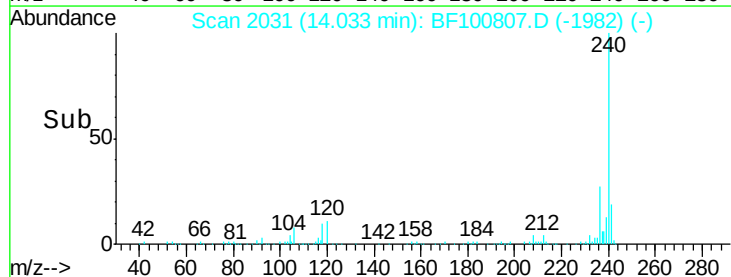
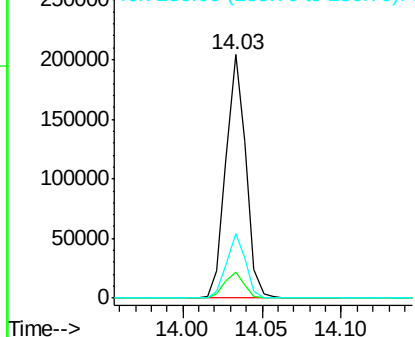


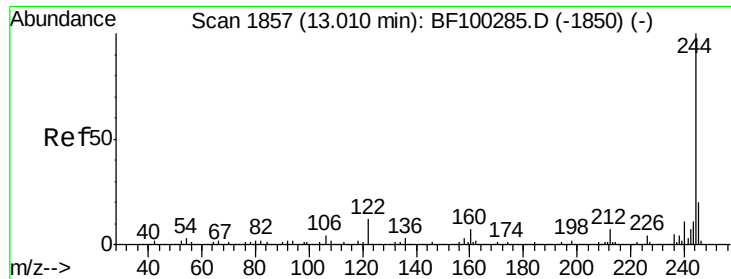
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:240 Resp: 178320
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 26.7 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

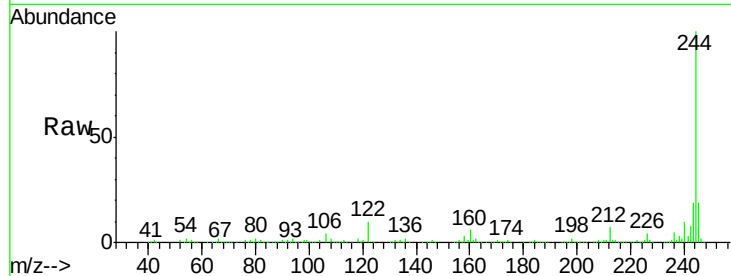




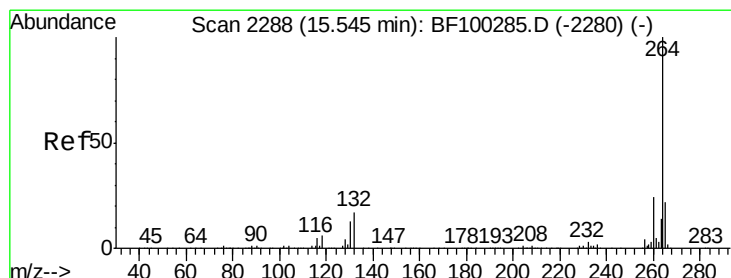
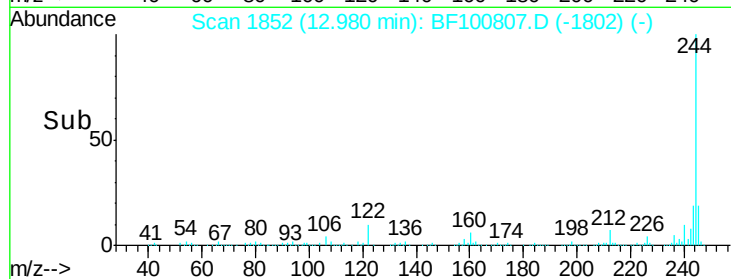
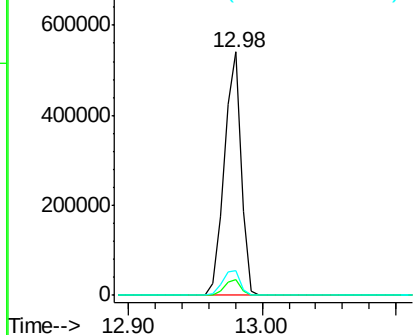
#78
 Terphenyl-d14
 Concen: 62.23 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100807.D
 Acq: 22 Nov 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 482975
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.2 11.0 16.4#

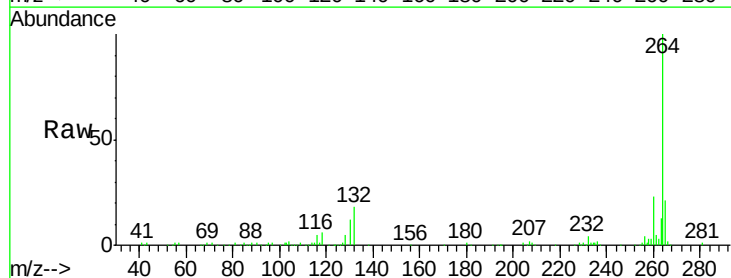


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100807.D
 Acq: 22 Nov 2017 4:13

Tgt Ion:264 Resp: 156483
 Ion Ratio Lower Upper
 264 100
 260 23.1 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

