

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100666.D
 Acq On : 17 Nov 2017 10:21
 Operator : SJ/JU
 Sample : I6477-01 100X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 17 15:30:36 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

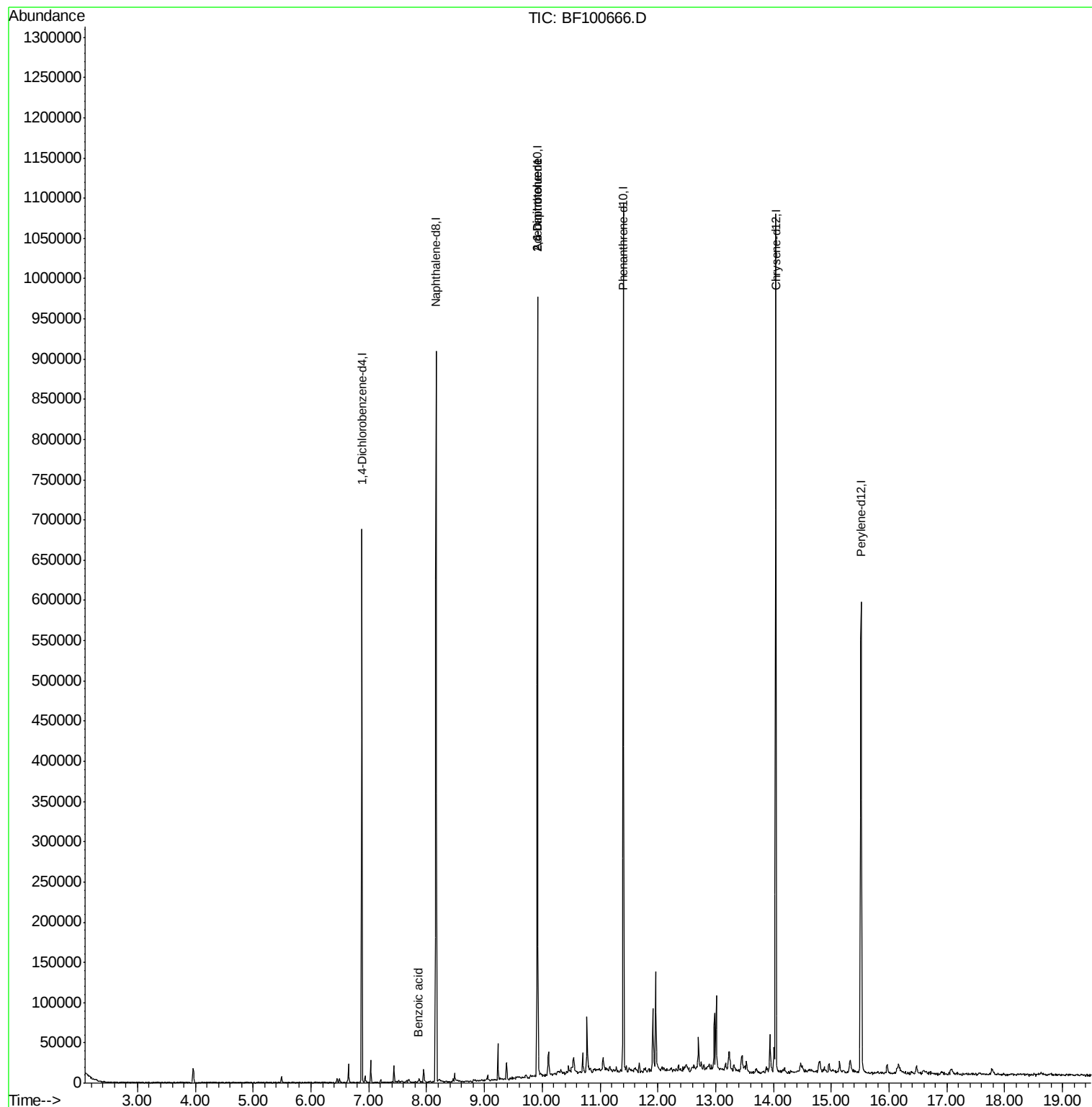
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	97461	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	387375	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	188871	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	383717	20.00	ng	0.00
75) Chrysene-d12	14.04	240	354181	20.00	ng	0.00
86) Perylene-d12	15.52	264	275369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2623	0.43	ng	0.00
7) Phenol-d6	6.49	99	1999	0.27	ng	-0.02
23) Nitrobenzene-d5	7.43	82	5719	0.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	3134	1.63	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	14661	1.18	ng	0.00
78) Terphenyl-d14	12.98	244	21149	1.37	ng	0.00
Target Compounds						
32) Benzoic acid	7.85	122	384	9.444	ng	# 53
50) 2,6-Dinitrotoluene	9.92	165	23886	8.368	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	23886	6.633	ng	# 21

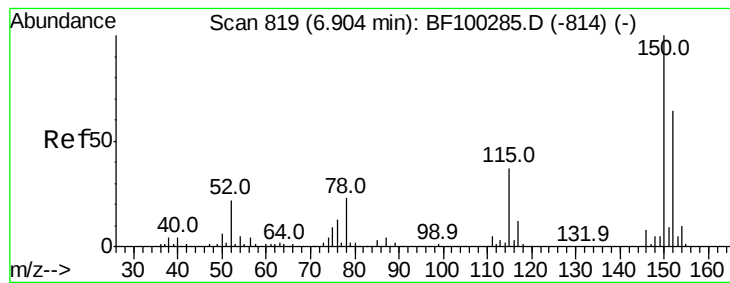
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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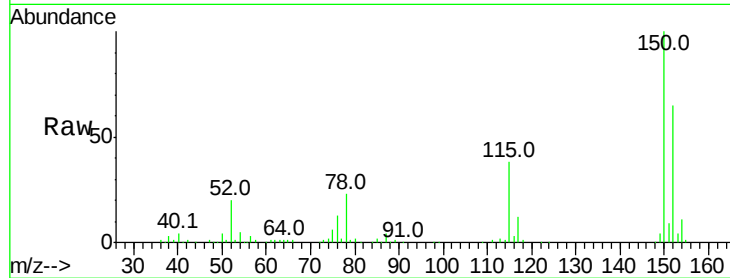


#1

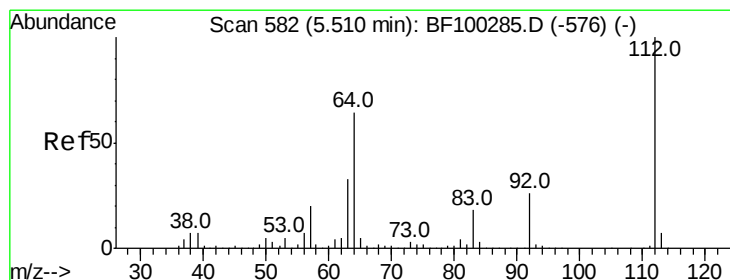
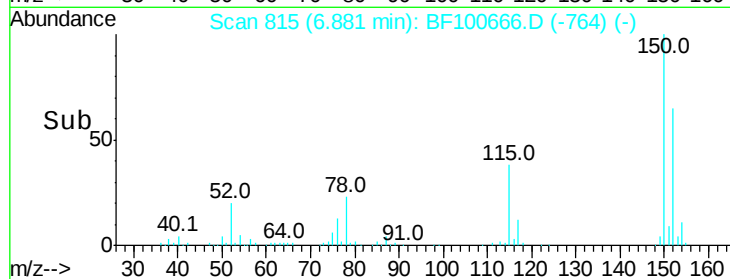
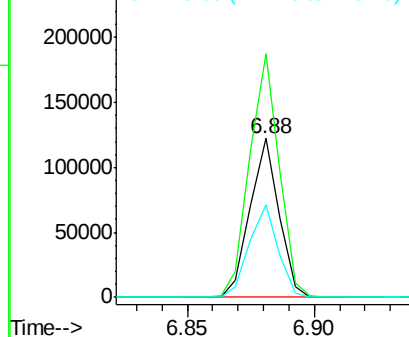
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100666.D
Acq: 17 Nov 2017 10:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97461
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 58.6 50.1 75.1



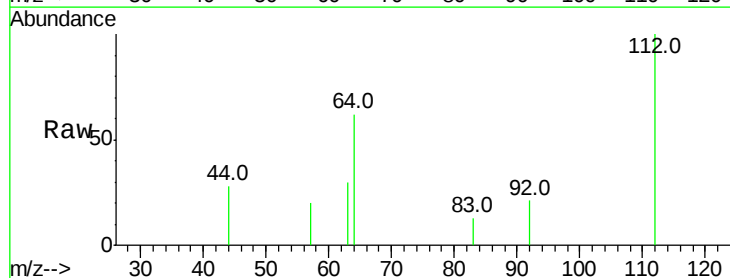
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



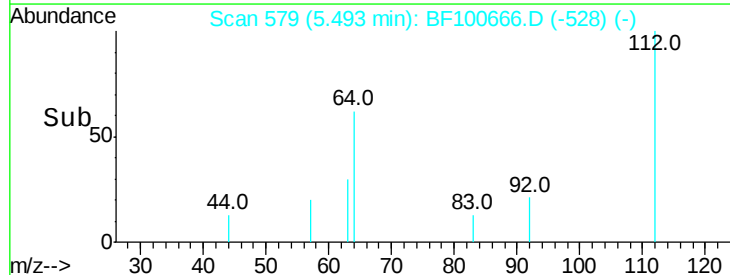
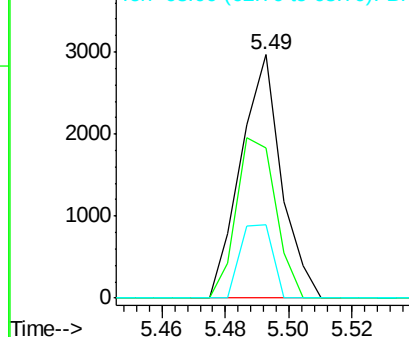
#5

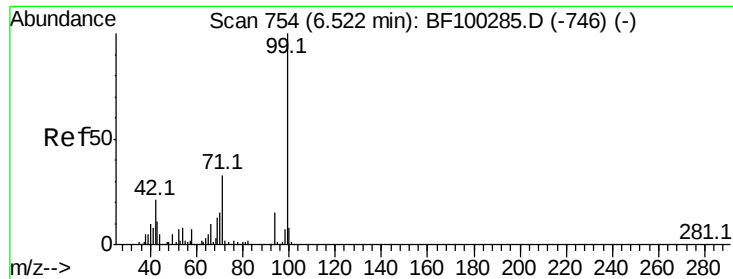
2-Fluorophenol
Concen: 0.431 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF100666.D
Acq: 17 Nov 2017 10:21

Tgt Ion:112 Resp: 2623
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 30.4 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: 0.267 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100666.D

Acq: 17 Nov 2017 10:21

Instrument :

BNA_F

ClientSampleId :

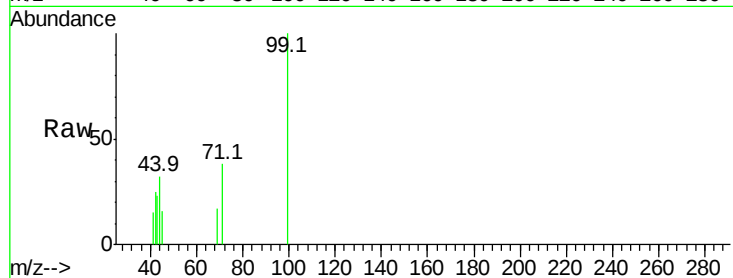
Tot Ion: 99 Resp: 1999

Ion Ratio Lower Upper

99 100

42 24.7 14.5 21.7#

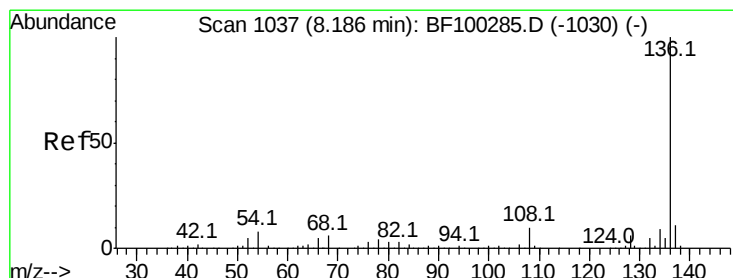
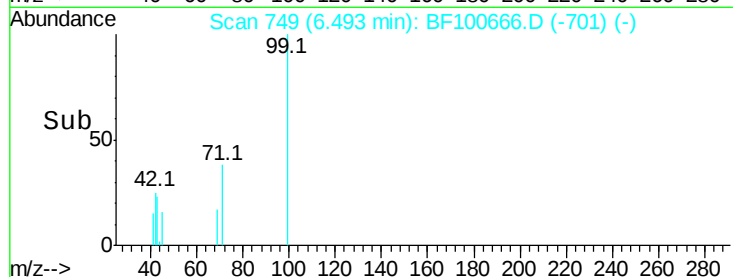
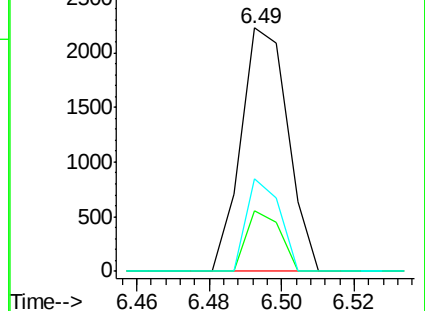
71 38.0 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100666.D

Acq: 17 Nov 2017 10:21

Tgt Ion: 136 Resp: 387375

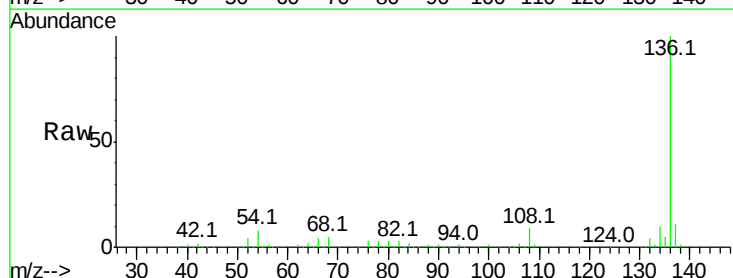
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 5.4 5.0 7.4

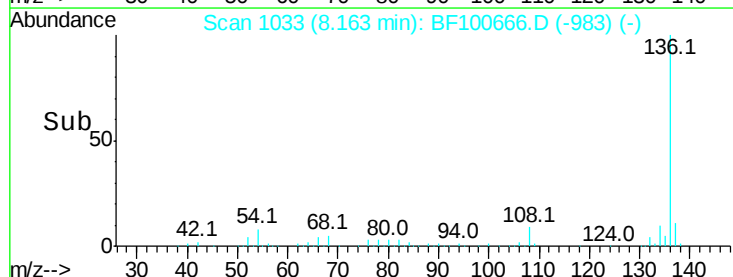
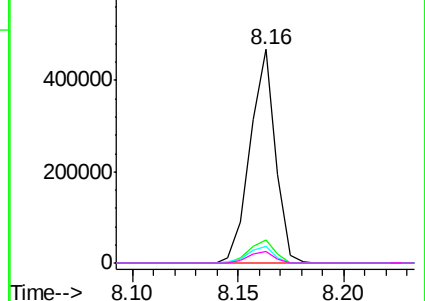


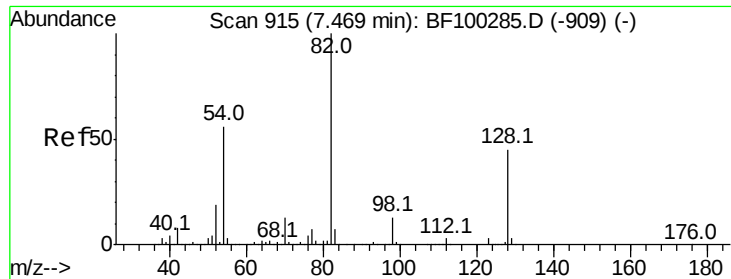
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.976 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF100666.D

Acq: 17 Nov 2017 10:21

Instrument :

BNA_F

ClientSampled :

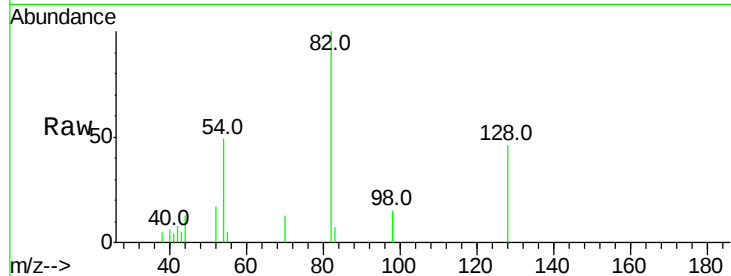
Tot Ion: 82 Resp: 5719

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

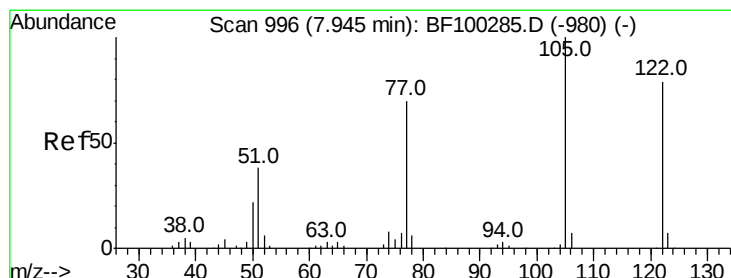
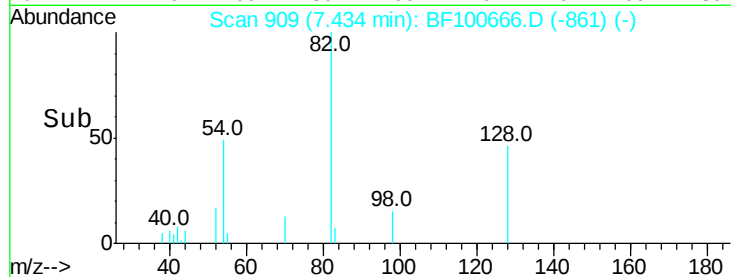
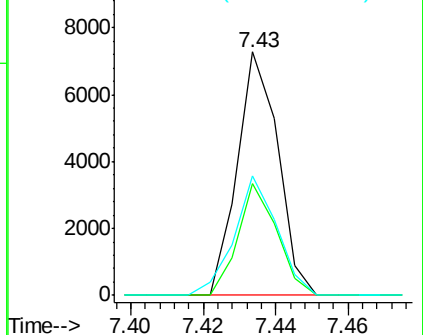
54 49.0 41.4 62.2



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



#32

Benzoic acid

Concen: 9.444 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.08 min

Lab File: BF100666.D

Acq: 17 Nov 2017 10:21

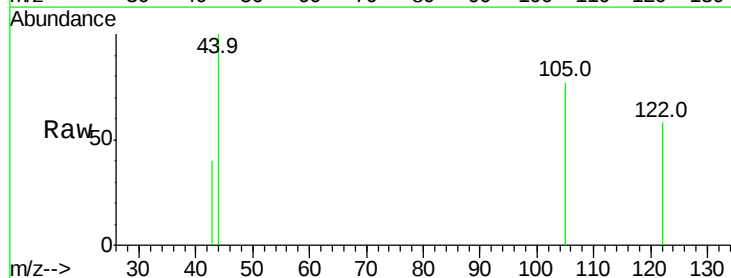
Tgt Ion: 122 Resp: 384

Ion Ratio Lower Upper

122 100

105 132.4 101.1 141.1

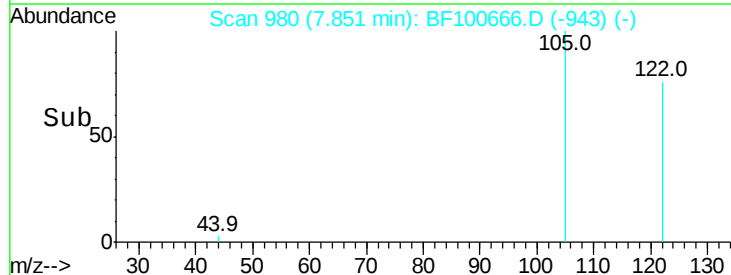
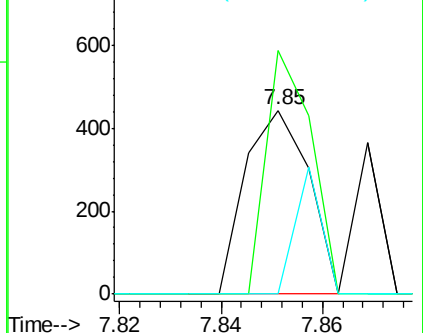
77 0.0 70.7 110.7#

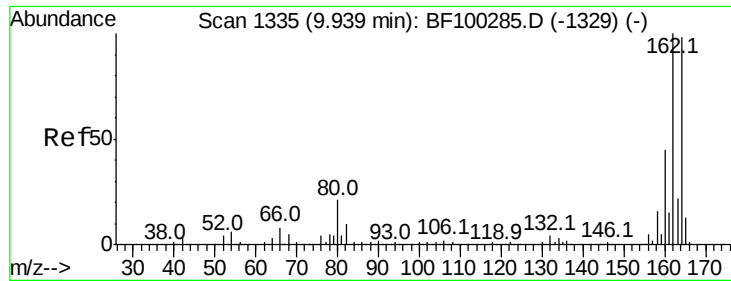


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

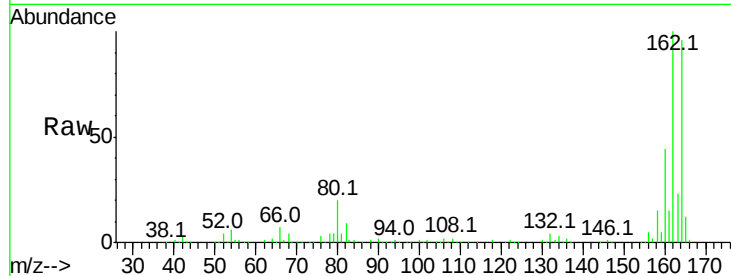




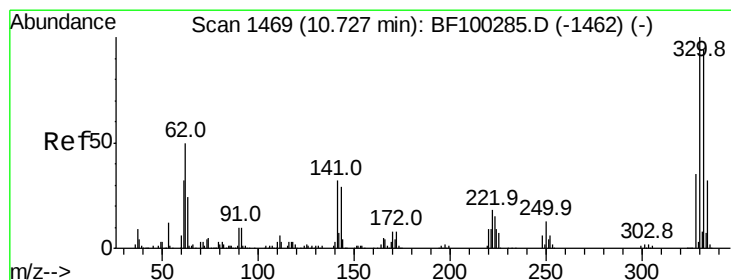
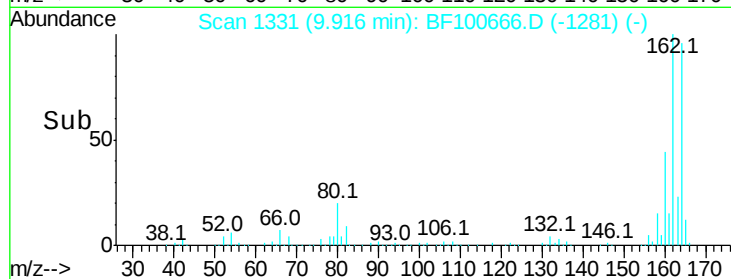
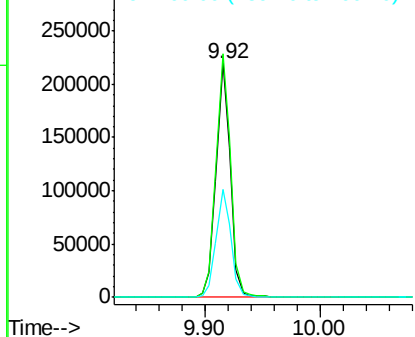
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100666.D
 Acq: 17 Nov 2017 10:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 188871
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 46.0 38.3 57.5

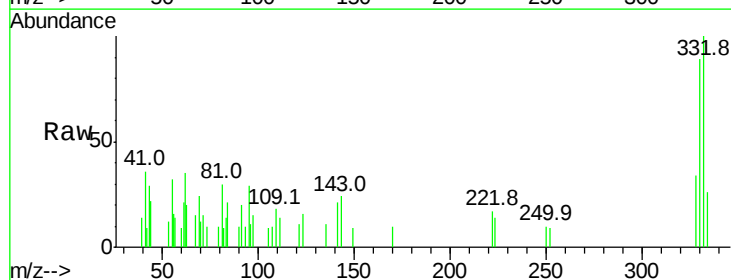


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

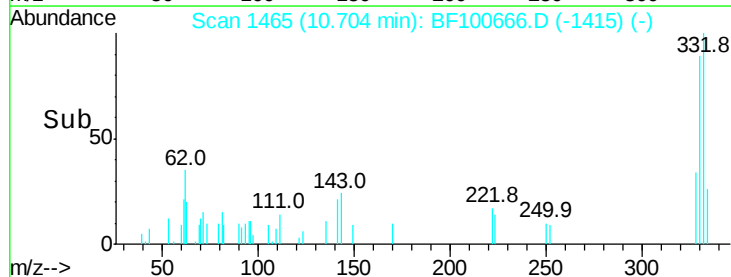
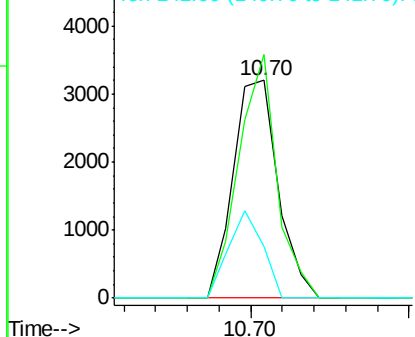


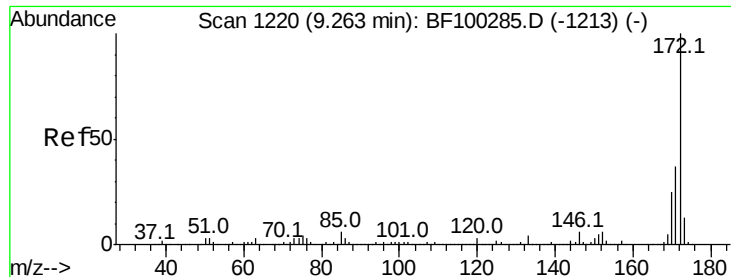
#41
 2,4,6-Tribromophenol
 Concen: 1.628 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100666.D
 Acq: 17 Nov 2017 10:21

Tgt Ion:330 Resp: 3134
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 30.5 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

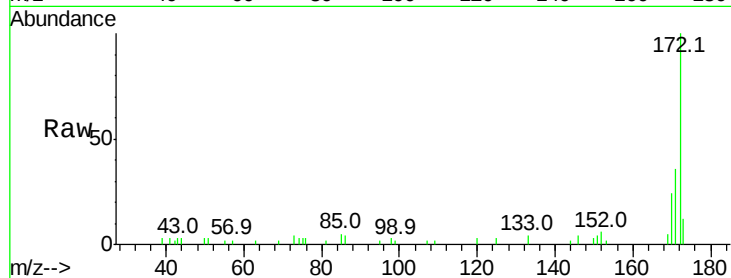




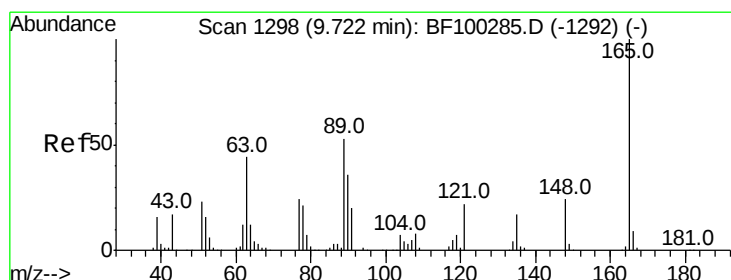
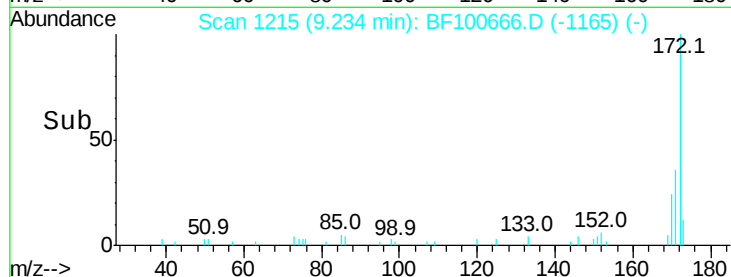
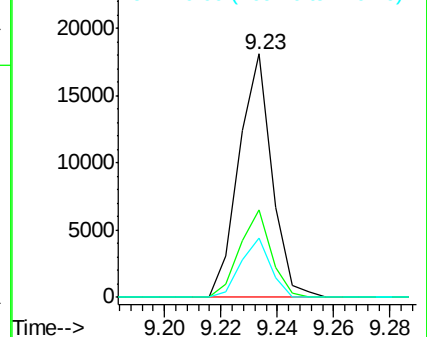
#44
 2-Fluorobiphenyl
 Concen: 1.182 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100666.D
 Acq: 17 Nov 2017 10:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 14661
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.3 19.6 29.4

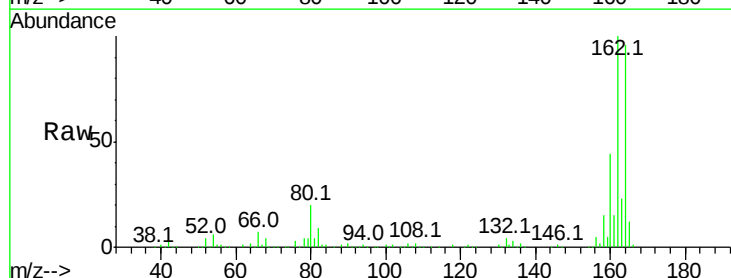


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

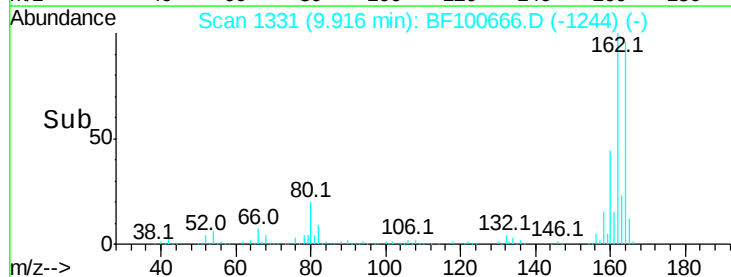
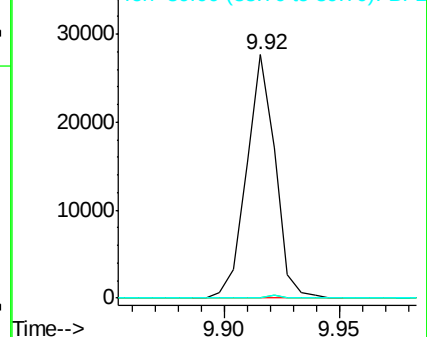


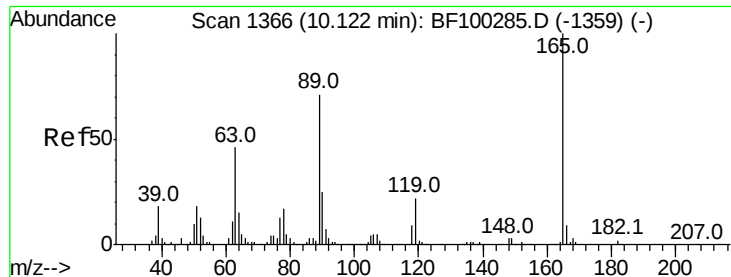
#50
 2,6-Dinitrotoluene
 Concen: 8.368 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100666.D
 Acq: 17 Nov 2017 10:21

Tgt Ion:165 Resp: 23886
 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

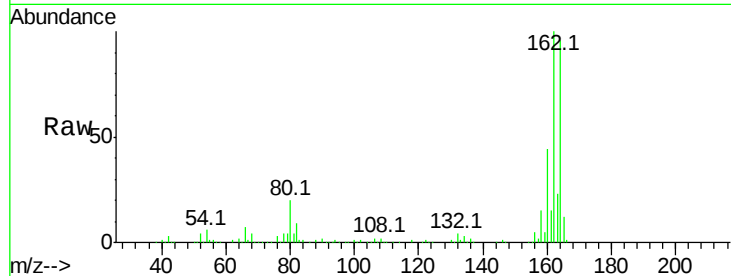




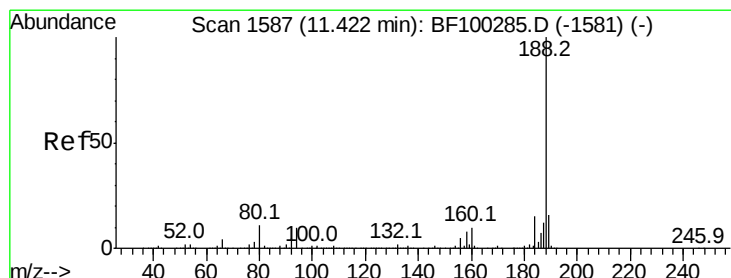
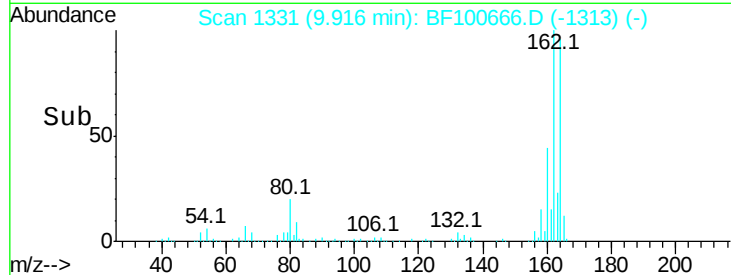
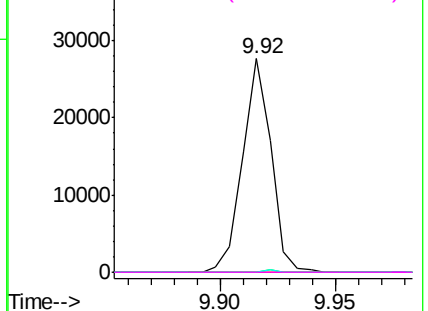
#56
 2,4-Dinitrotoluene
 Concen: 6.633 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100666.D
 Acq: 17 Nov 2017 10:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	23886
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#

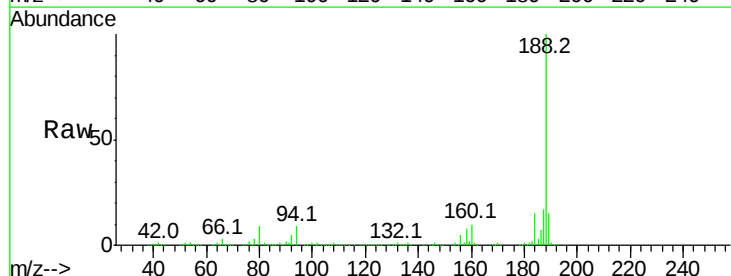


Abundance Ion 165.00 (164.70 to 165.70): E

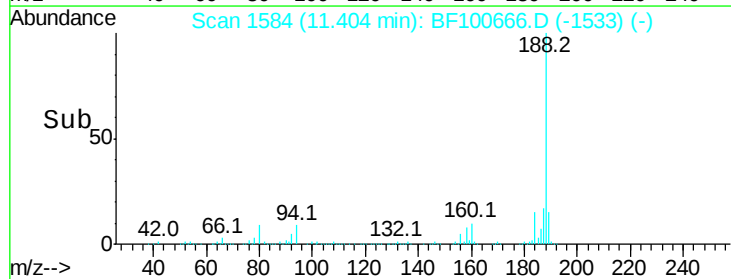
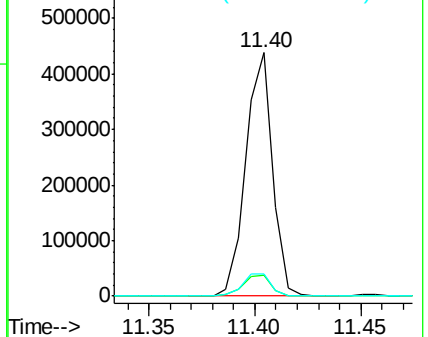


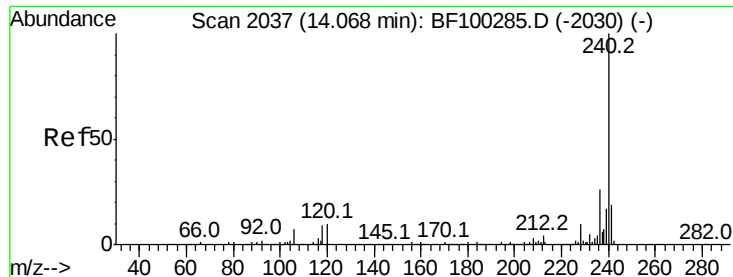
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100666.D
 Acq: 17 Nov 2017 10:21

Tgt Ion:188	Resp:	383717
Ion Ratio	Lower	Upper
188 100		
94 8.8	8.5	12.7
80 9.3	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100666.D

Acq: 17 Nov 2017 10:21

Instrument :

BNA_F

ClientSampleId :

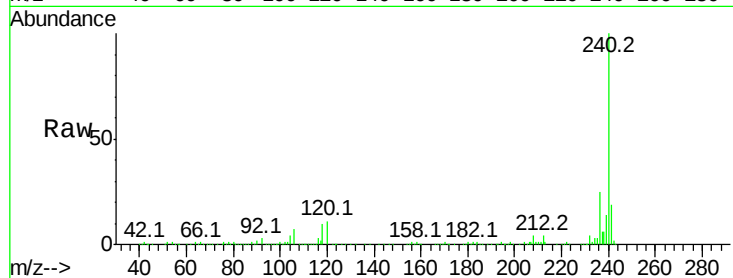
Tot Ion:240 Resp: 354181

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

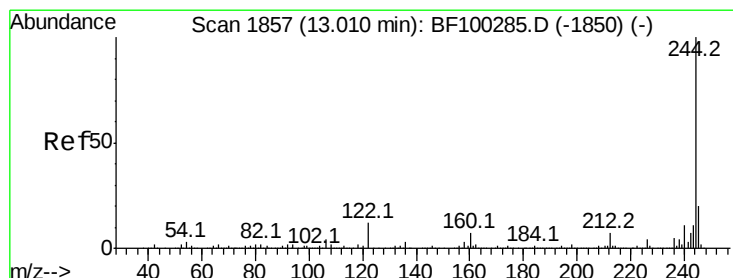
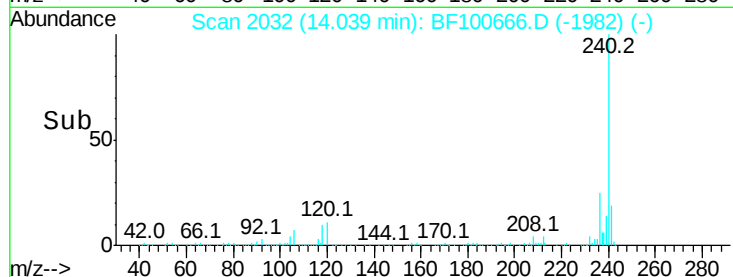
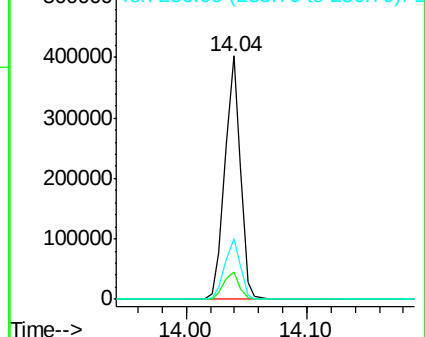
236 24.9 20.7 31.1



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: 1.372 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100666.D

Acq: 17 Nov 2017 10:21

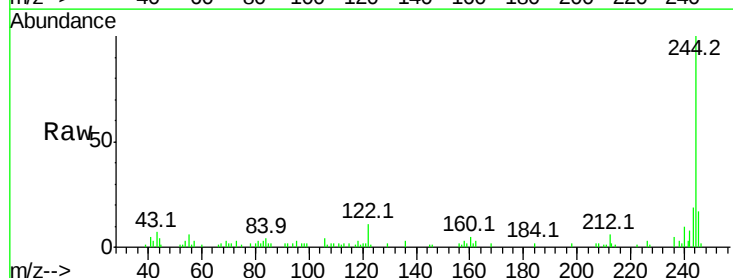
Tgt Ion:244 Resp: 21149

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

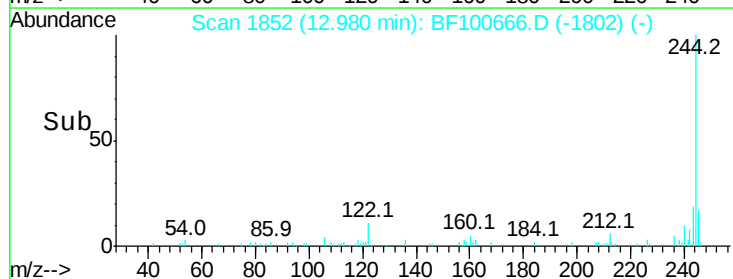
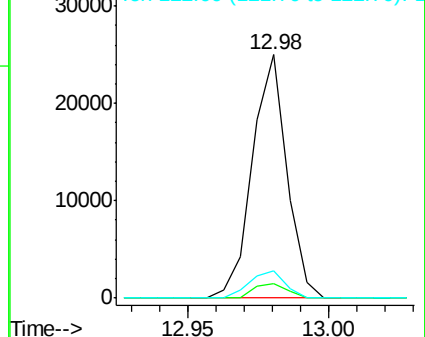
122 11.0 11.0 16.4

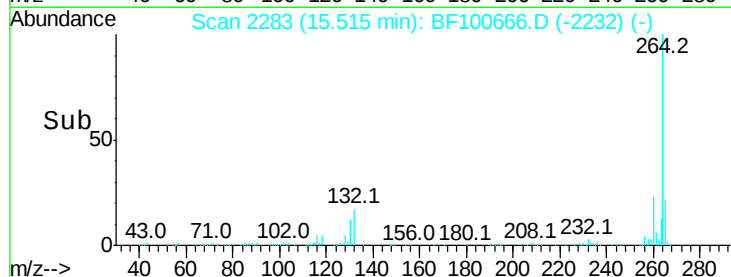
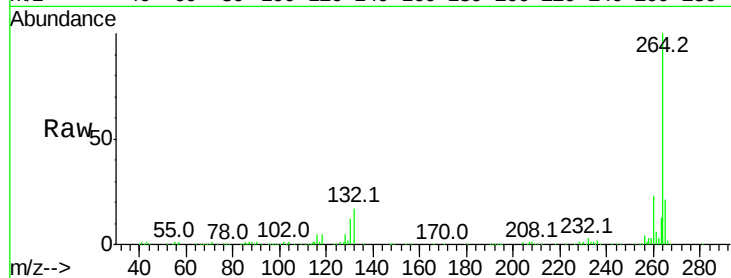
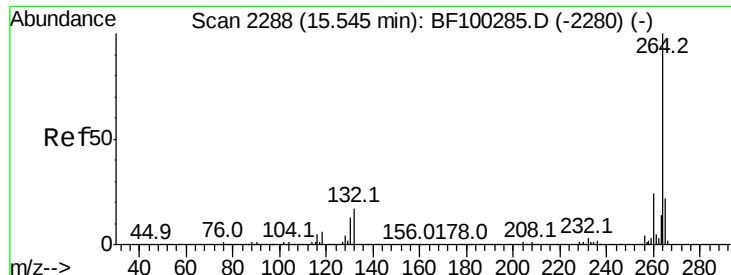


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BF100666.D
 Acq: 17 Nov 2017 10:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	275369
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3

