

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050118\
 Data File : BF104984.D
 Acq On : 1 May 2018 15:28
 Operator : JU/SJ
 Sample : J2609-01DL 100X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 16:18:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

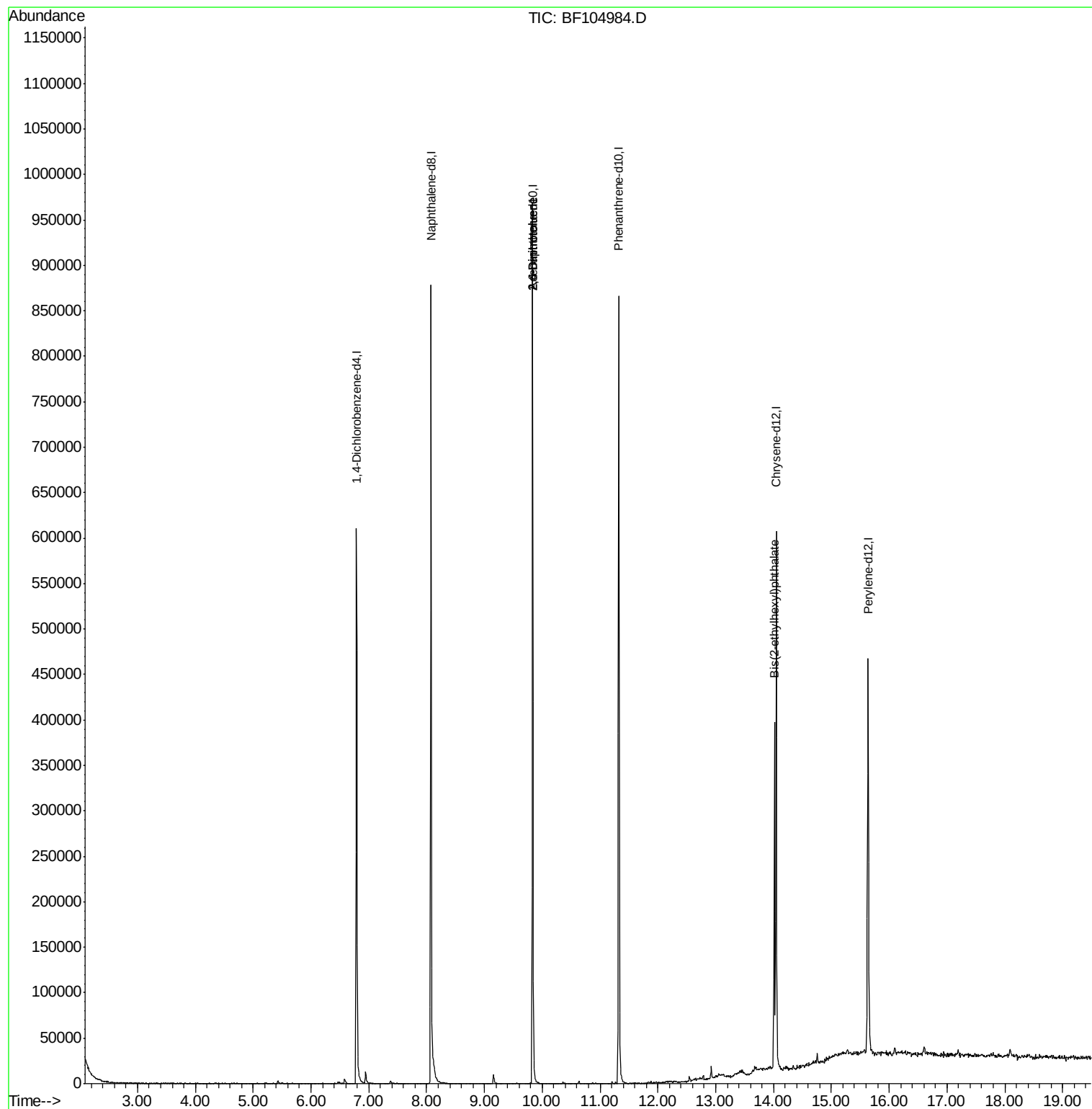
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106723	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	451456	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	207013	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	345296	20.00	ng	0.00
75) Chrysene-d12	14.04	240	228205	20.00	ng	0.07
86) Perylene-d12	15.63	264	220747	20.00	ng	0.20
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	3153	0.45	ng	0.02
7) Phenol-d6	6.47	99	3896	0.45	ng	0.04
23) Nitrobenzene-d5	7.37	82	2802	0.41	ng	0.01
41) 2,4,6-Tribromophenol	10.64	330	1038	0.48	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	7854	0.60	ng	0.00
78) Terphenyl-d14	12.92	244	5605	0.56	ng	0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.83	165	26346	8.722	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	26346	6.649	ng	# 23
83) Bis(2-ethylhexyl)phthalate	14.02	149	122042	11.906	ng	99

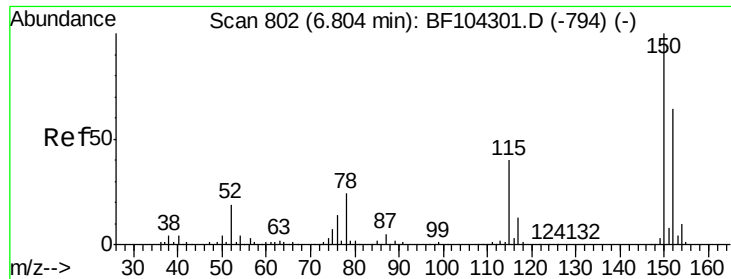
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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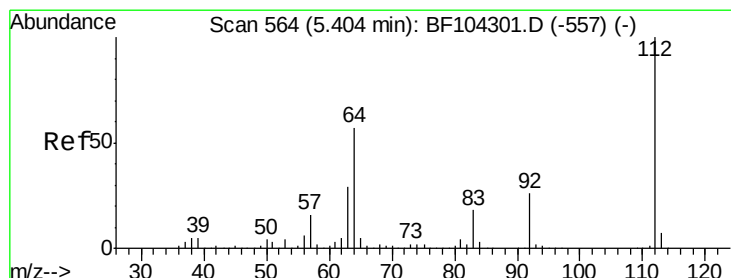
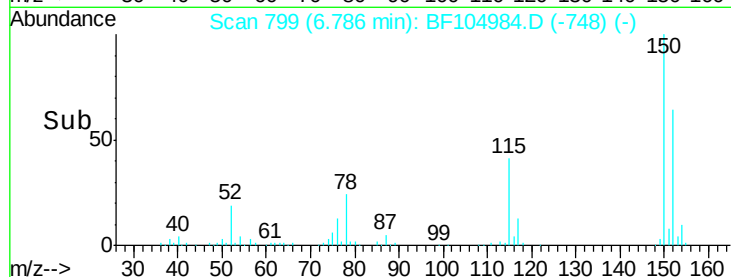
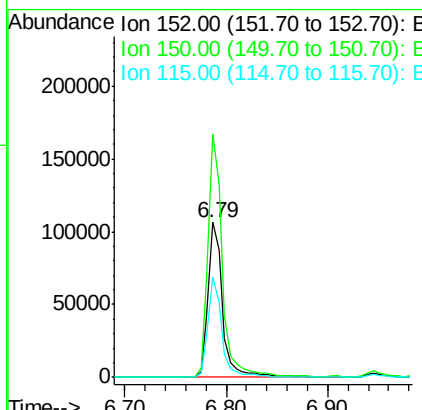
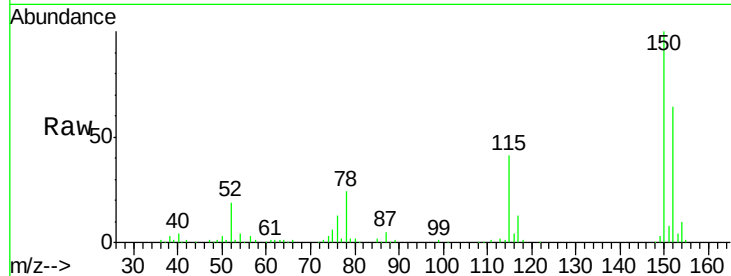




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF104984.D
 Acq: 1 May 2018 15:28

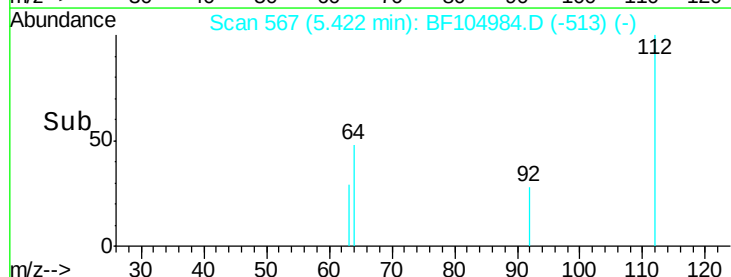
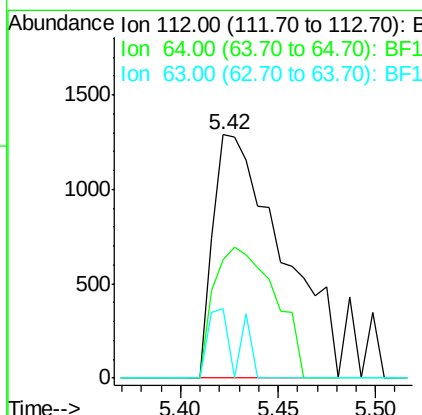
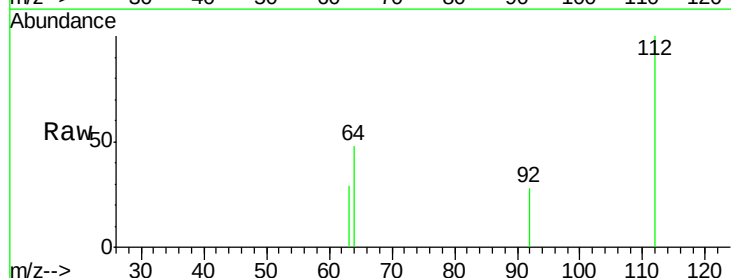
Instrument :
 BNA_F
 ClientSampleId :

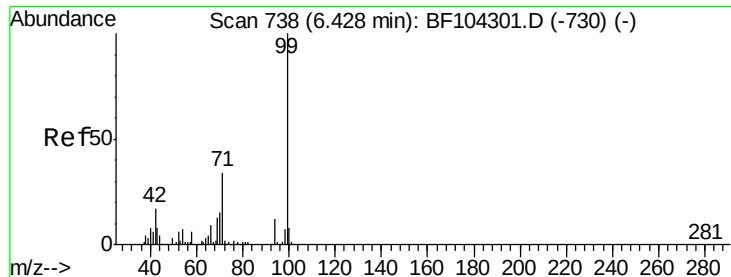
Tot Ion:152 Resp: 106723
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 64.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 0.452 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF104984.D
 Acq: 1 May 2018 15:28

Tgt Ion:112 Resp: 3153
 Ion Ratio Lower Upper
 112 100
 64 48.3 47.9 71.9
 63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 0.454 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.04 min

Lab File: BF104984.D

Acq: 1 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

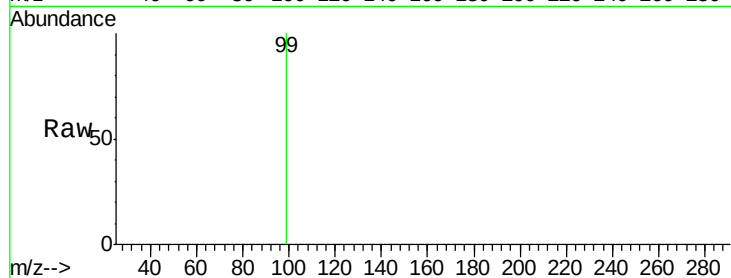
Tot Ion: 99 Resp: 3896

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

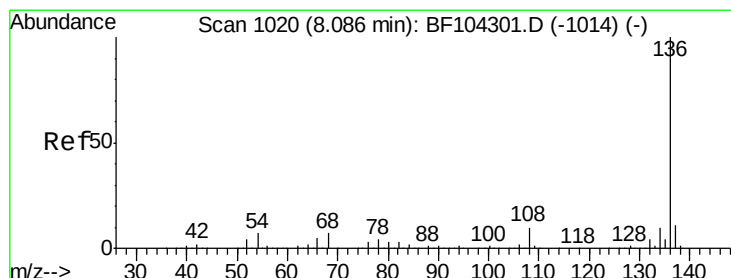
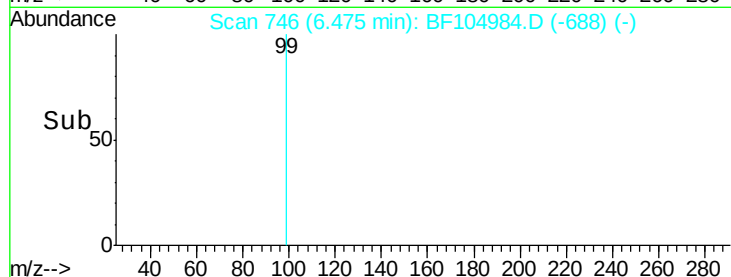
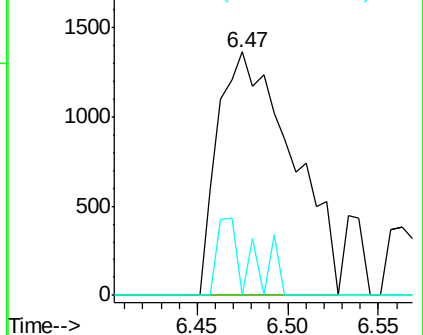
71 0.0 25.4 38.0#



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: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF104984.D

Acq: 1 May 2018 15:28

Tgt Ion: 136 Resp: 451456

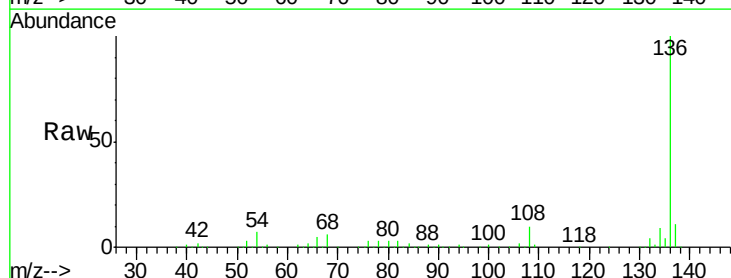
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

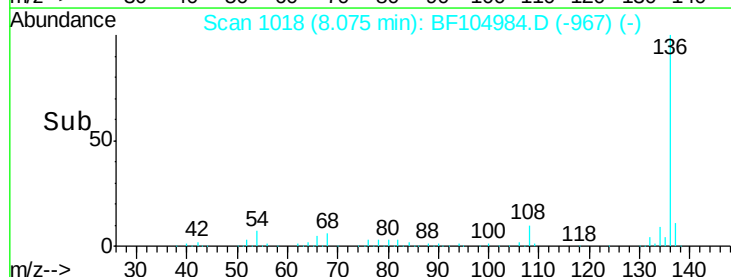
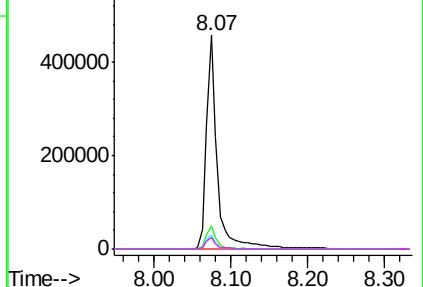


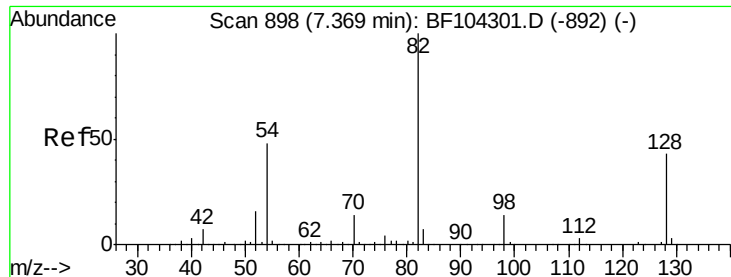
Abundance Ion 136.00 (135.70 to 136.70): E

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

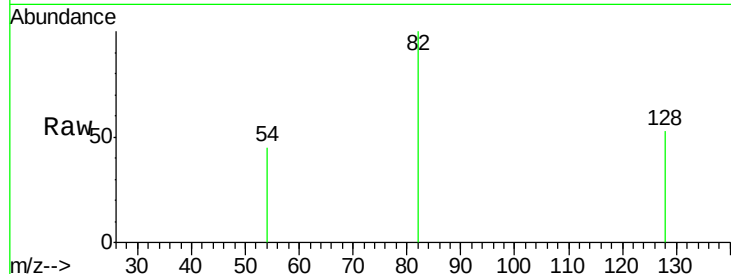




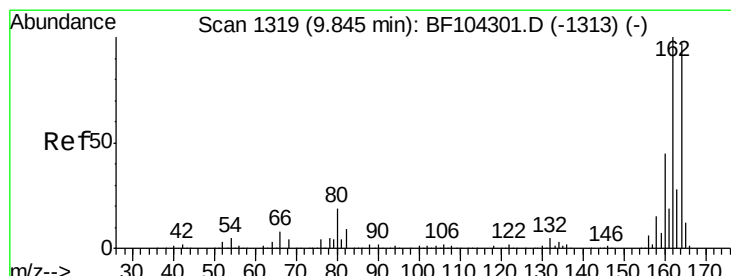
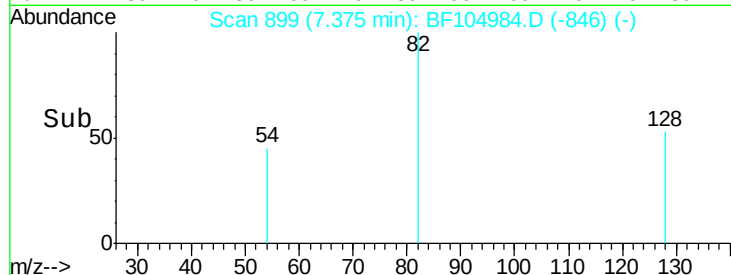
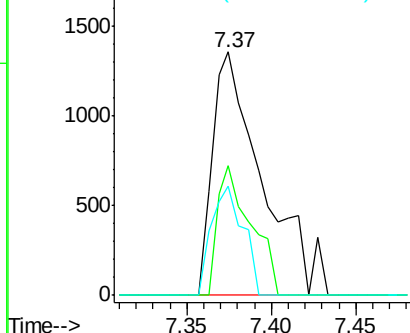
#23
 Nitrobenzene-d5
 Concen: 0.405 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF104984.D
 Acq: 1 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2802
 Ion Ratio Lower Upper
 82 100
 128 53.1 36.1 54.1
 54 45.0 41.4 62.2

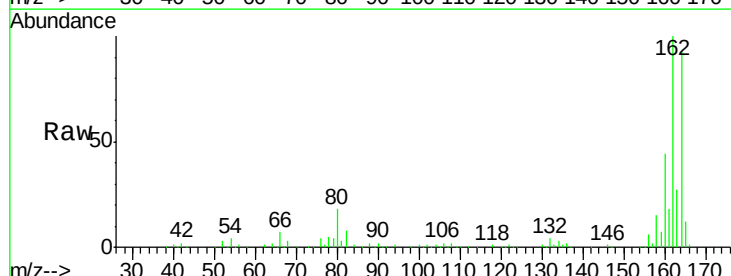


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

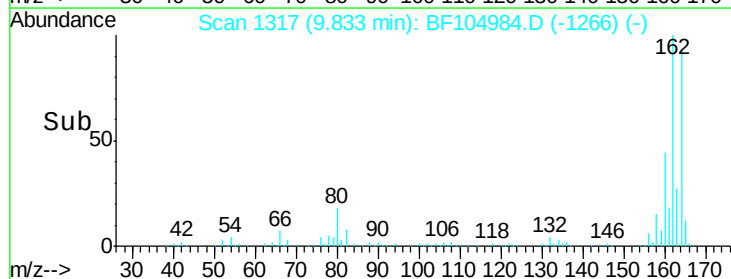
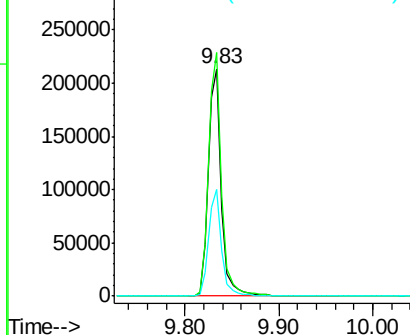


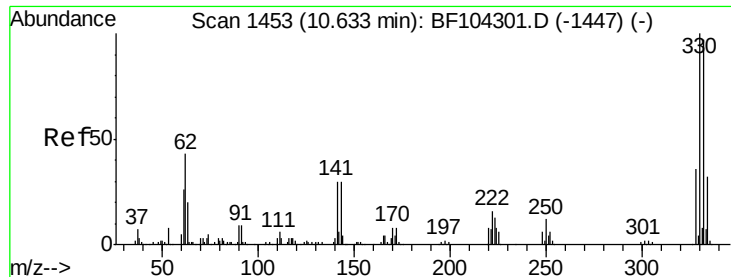
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF104984.D
 Acq: 1 May 2018 15:28

Tgt Ion:164 Resp: 207013
 Ion Ratio Lower Upper
 164 100
 162 107.3 86.1 129.1
 160 46.9 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

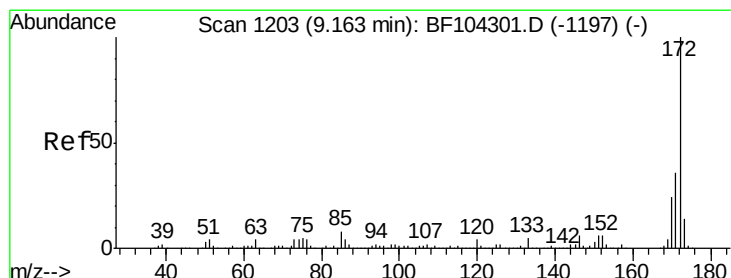
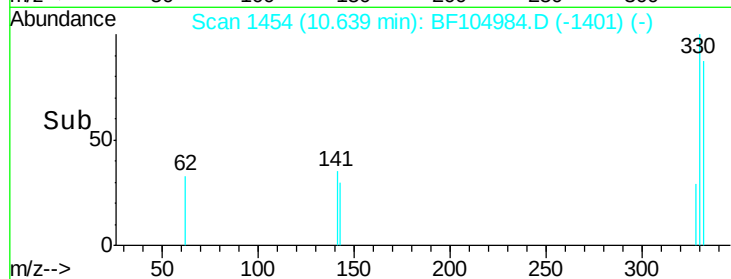
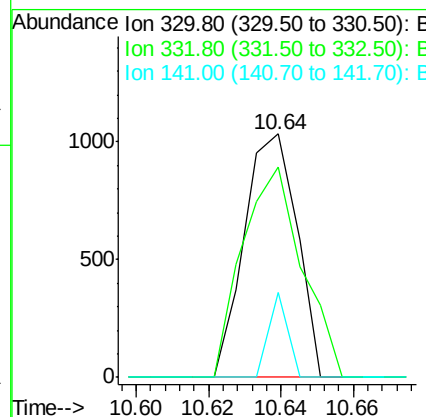
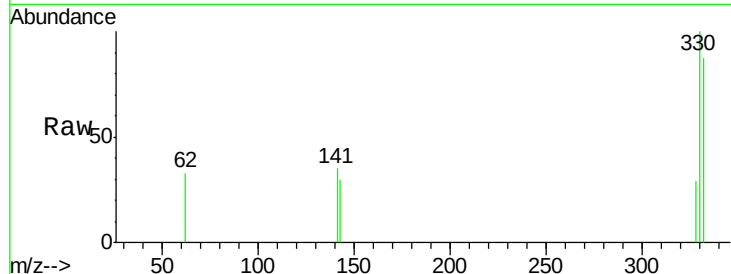




#41
 2,4,6-Tribromophenol
 Concen: 0.483 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104984.D
 Acq: 1 May 2018 15:28

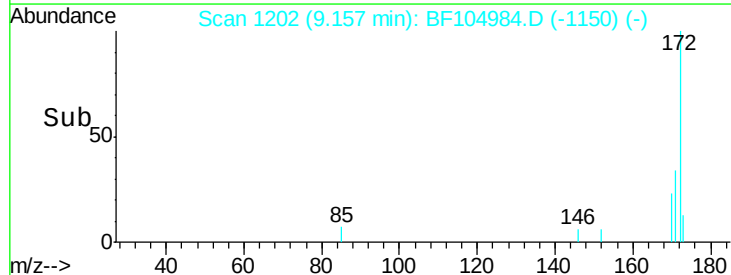
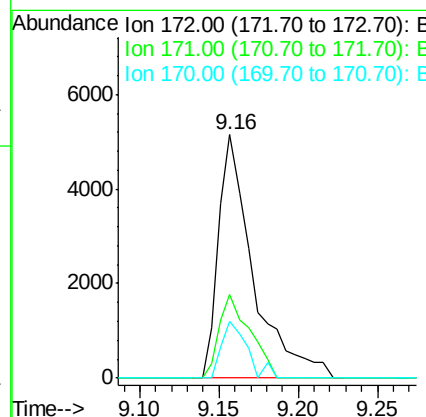
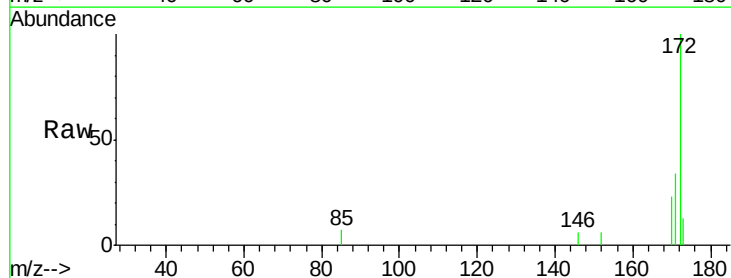
Instrument :
 BNA_F
 ClientSampleId :

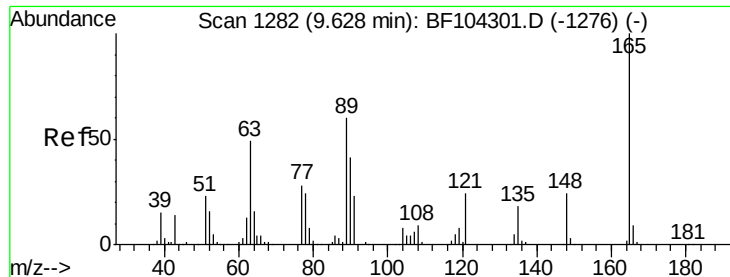
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	12.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 0.599 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF104984.D
 Acq: 1 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.7	44.5
170	23.2	19.6	29.4





#50

2,6-Dinitrotoluene

Concen: 8.722 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF104984.D

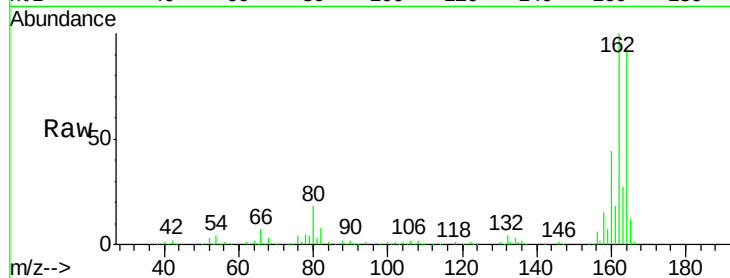
Acq: 1 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

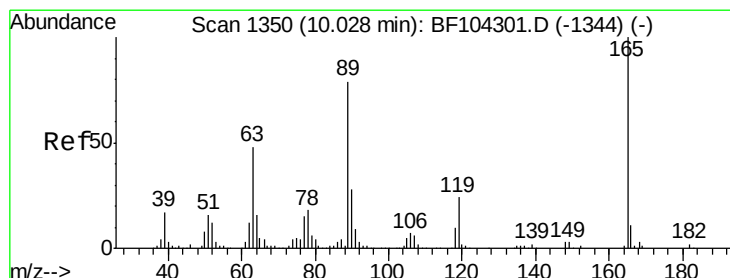
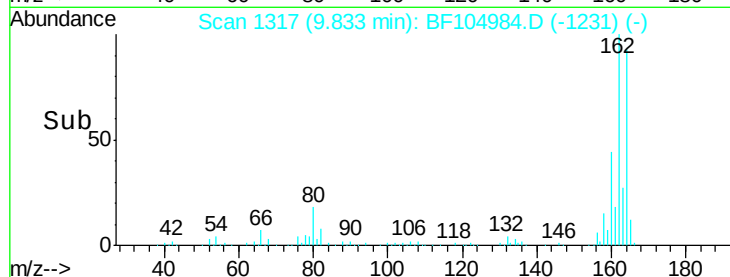
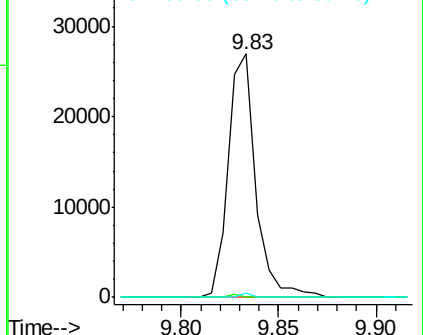
Tot Ion:165	Resp:	26346
Ion Ratio	Lower	Upper
165 100		
63 0.0	44.7	67.1#
89 2.0	44.0	66.0#



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: 6.649 ng

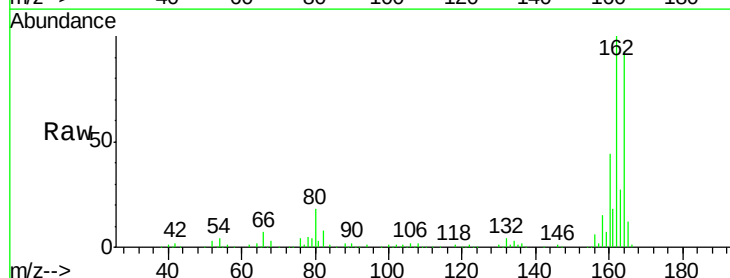
RT: 9.83 min Scan# 1317

Delta R.T. -0.20 min

Lab File: BF104984.D

Acq: 1 May 2018 15:28

Tgt Ion:165	Resp:	26346
Ion Ratio	Lower	Upper
165 100		
63 0.0	36.4	54.6#
89 2.0	57.8	86.6#
182 0.0	1.6	2.4#

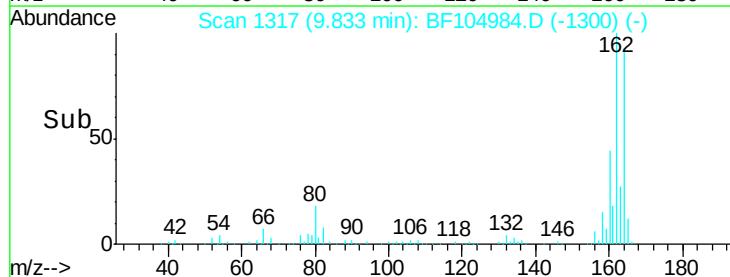
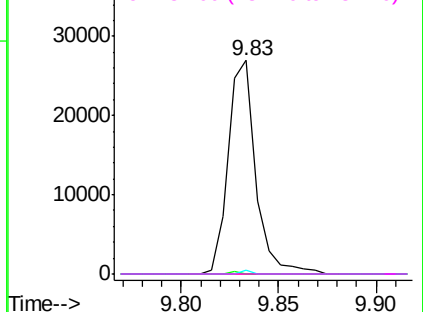


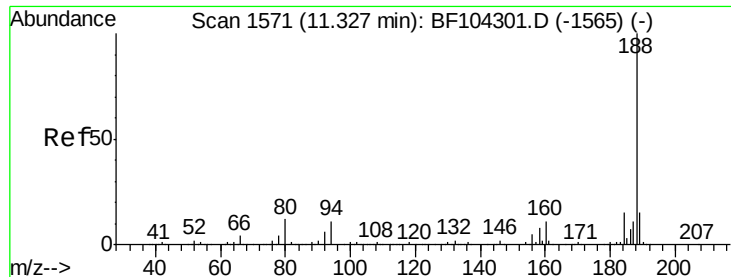
Abundance Ion 165.00 (164.70 to 165.70): E

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

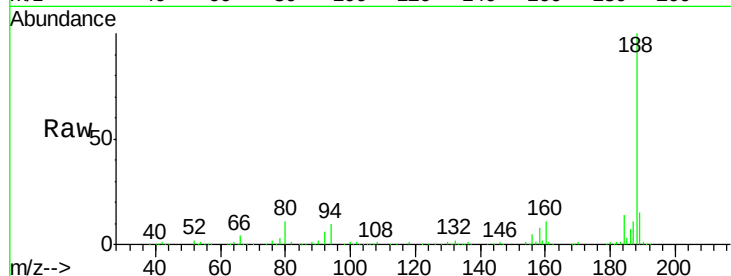




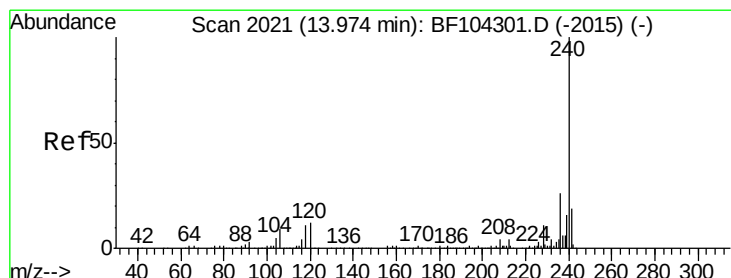
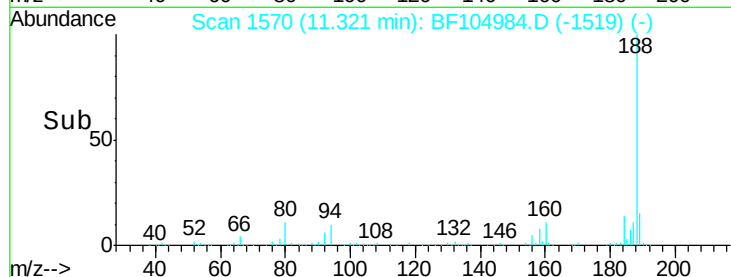
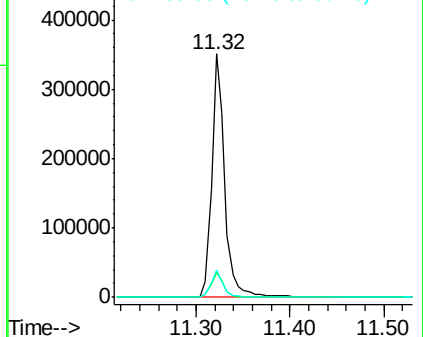
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF104984.D
Acq: 1 May 2018 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 345296
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.5 9.2 13.8

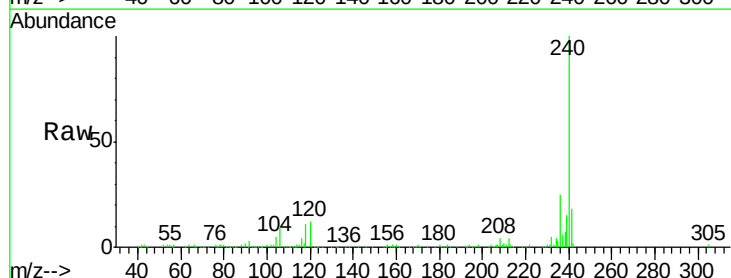


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

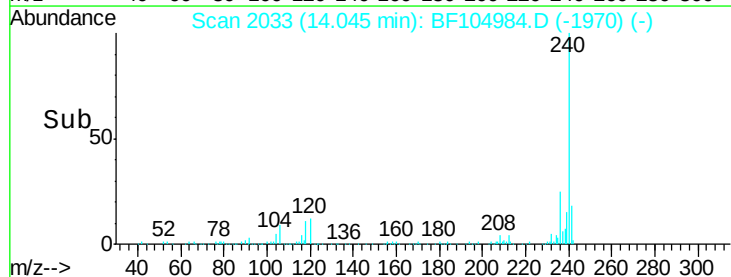
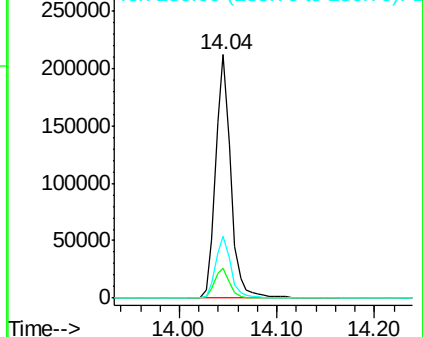


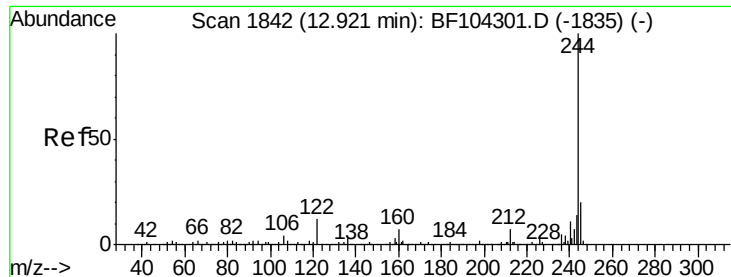
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.07 min
Lab File: BF104984.D
Acq: 1 May 2018 15:28

Tgt Ion:240 Resp: 228205
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.5 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

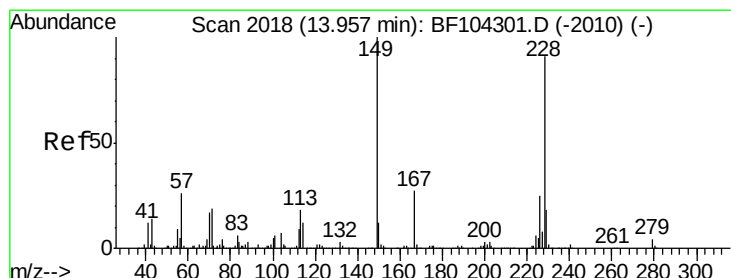
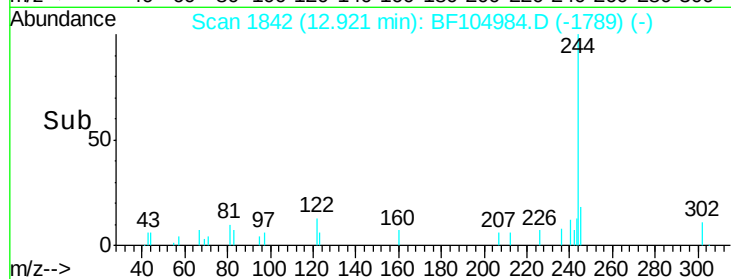
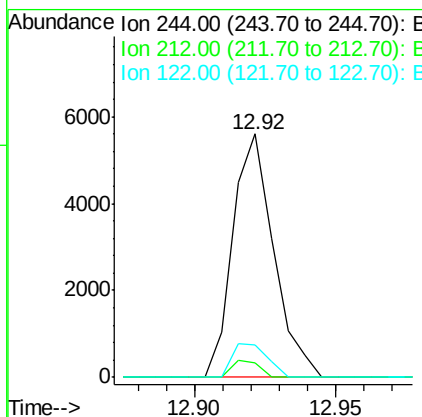
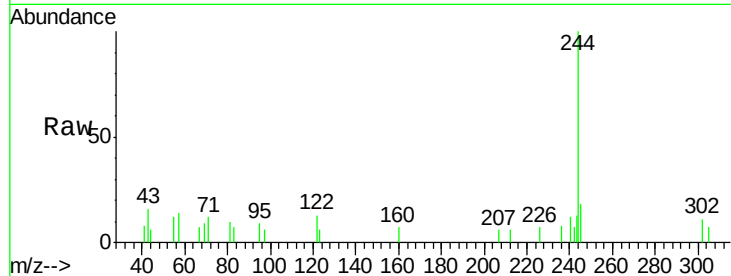




#78
 Terphenyl-d14
 Concen: 0.560 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF104984.D
 Acq: 1 May 2018 15:28

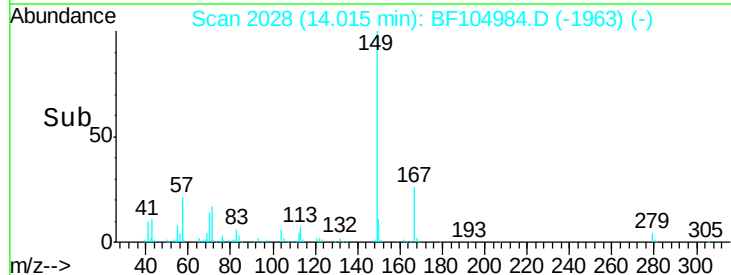
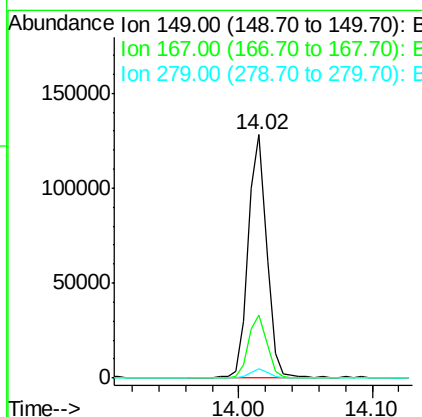
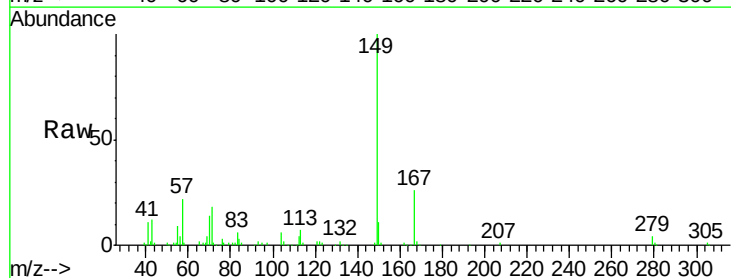
Instrument :
 BNA_F
 ClientSampleId :

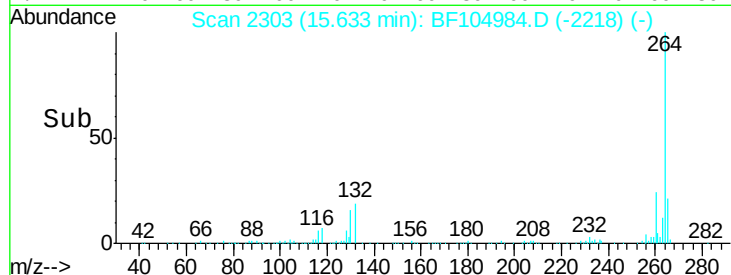
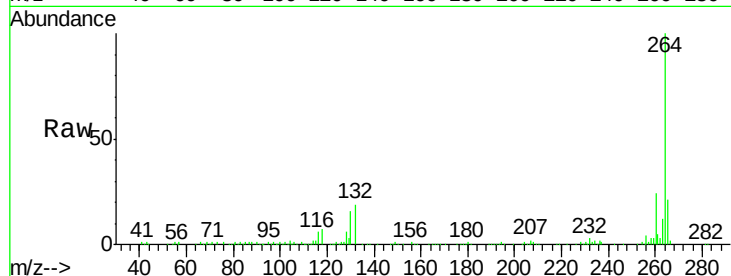
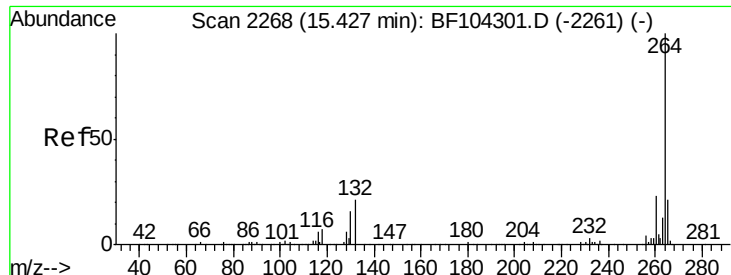
Tot Ion:244 Resp: 5605
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 13.4 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.906 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.08 min
 Lab File: BF104984.D
 Acq: 1 May 2018 15:28

Tgt Ion:149 Resp: 122042
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 3.7 3.0 4.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.20 min
Lab File: BF104984.D
Acq: 1 May 2018 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	220747
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.1	17.5	26.3

