

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090760.D
 Acq On : 22 Oct 2016 14:15
 Operator : UM/SJ
 Sample : H5367-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLK-TEST

Quant Time: Oct 24 00:50:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

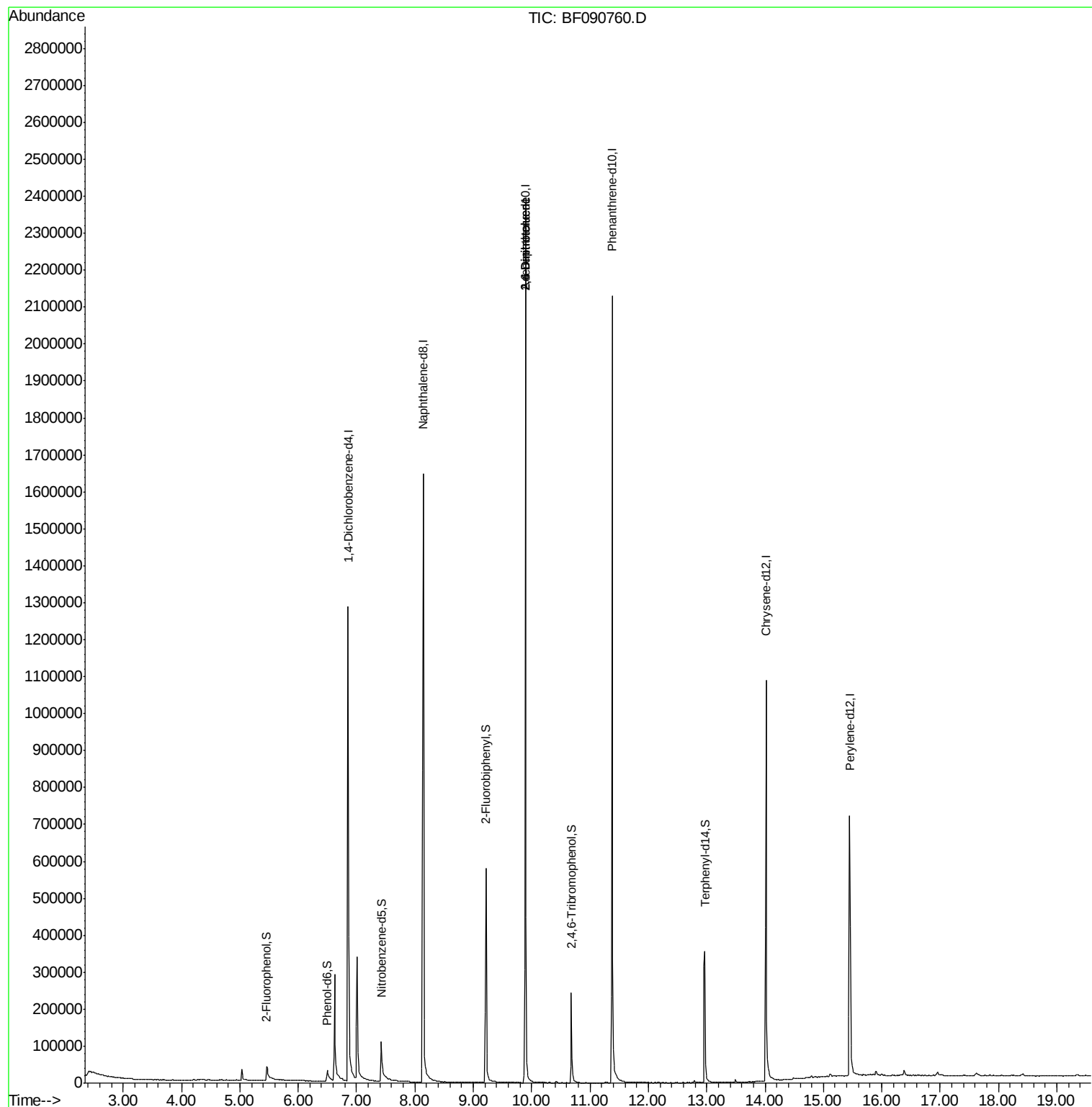
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	235836	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1023530	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	523039	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	815709	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	467705	20.00	ng	0.00
86) Perylene-d12	15.45	264	356091	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	41443	2.83	ng	0.00
7) Phenol-d6	6.50	99	43435	2.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	112883	6.05	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	35460	8.57	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	240255	7.13	ng	-0.01
78) Terphenyl-d14	12.97	244	192039	9.41	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.89	165	65837	9.32	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	66813	7.73	ng	# 33

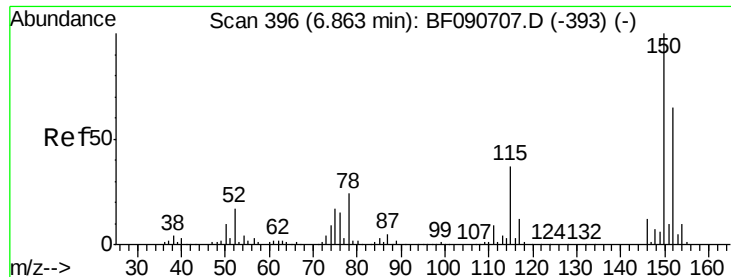
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090760.D

Acq: 22 Oct 2016 14:15

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BNA_F

ClientSampleId :

BLK-TEST

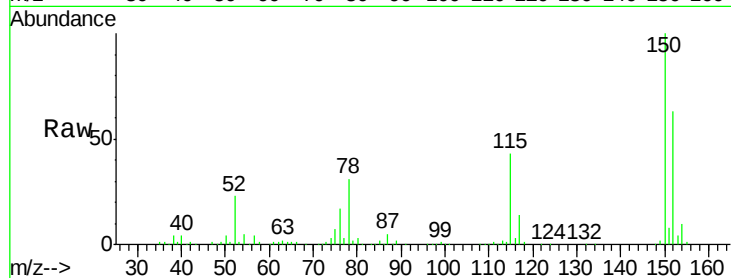
Tgt Ion:152 Resp: 235836

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

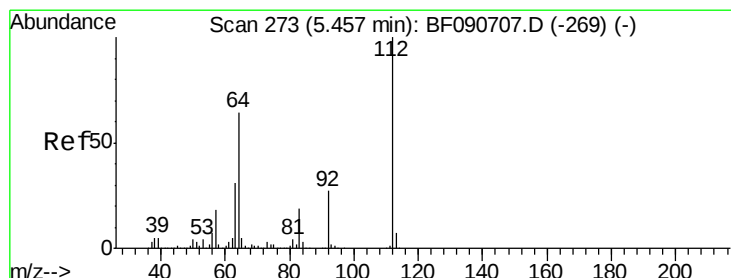
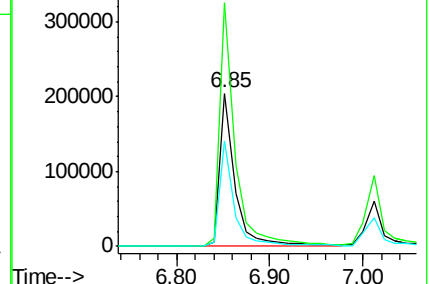
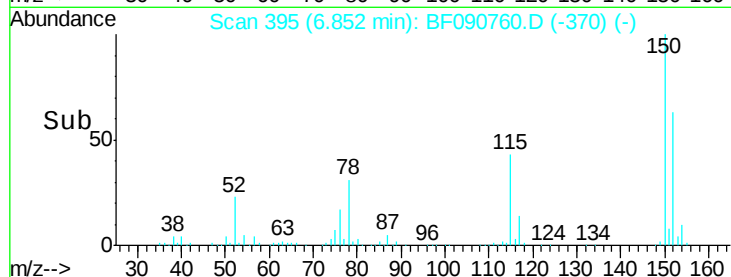
115 68.8 39.0 58.4#



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: 2.83 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090760.D

Acq: 22 Oct 2016 14:15

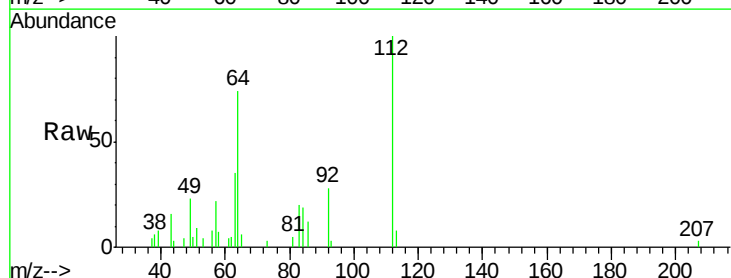
Tgt Ion:112 Resp: 41443

Ion Ratio Lower Upper

112 100

64 74.4 39.7 59.5#

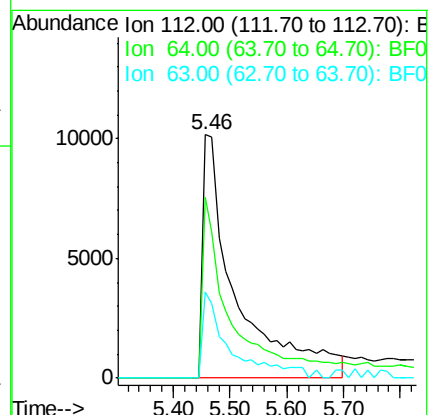
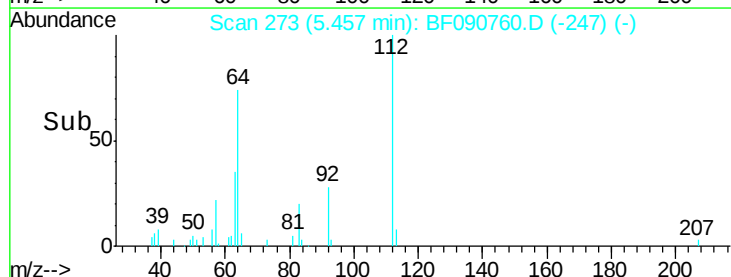
63 35.3 17.4 26.0#

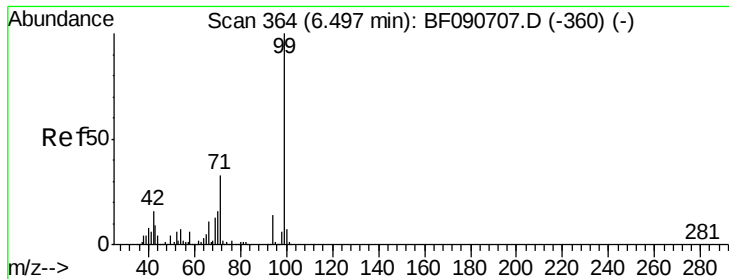


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.19 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090760.D

Acq: 22 Oct 2016 14:15

Instrument :

BNA_F

ClientSampleId :

BLK-TEST

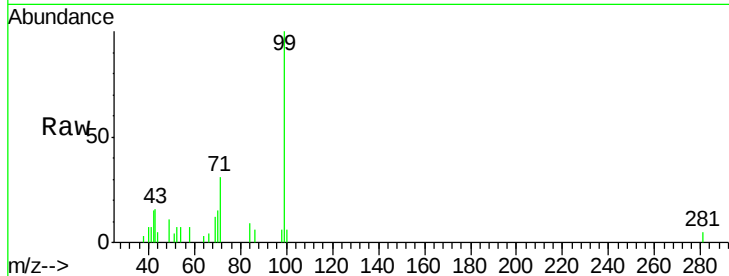
Tgt Ion: 99 Resp: 43435

Ion Ratio Lower Upper

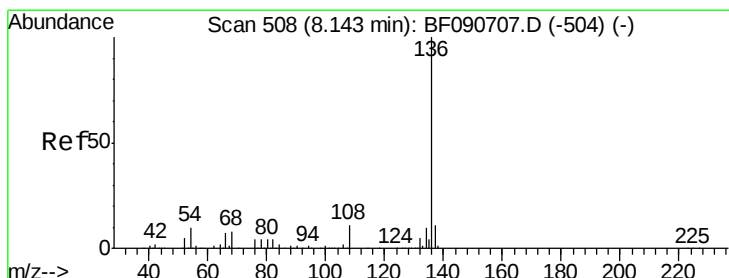
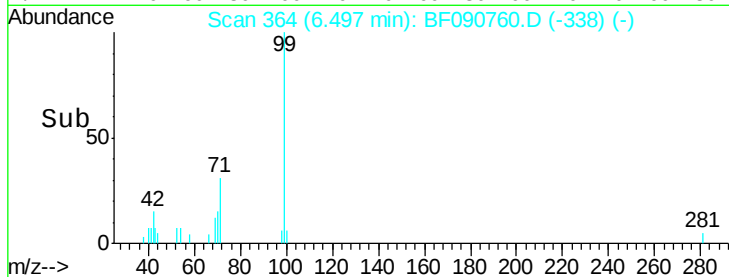
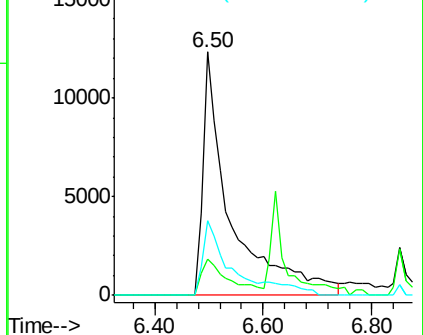
99 100

42 15.1 13.7 20.5

71 30.7 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090760.D

Acq: 22 Oct 2016 14:15

Tgt Ion: 136 Resp: 1023530

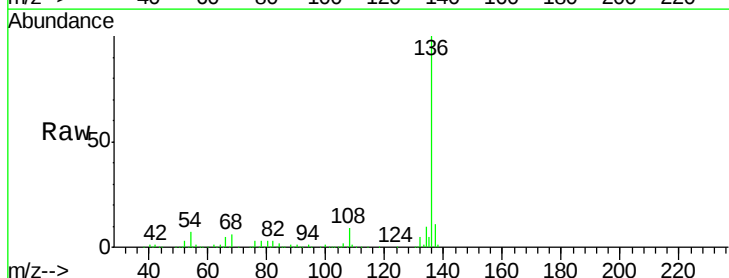
Ion Ratio Lower Upper

136 100

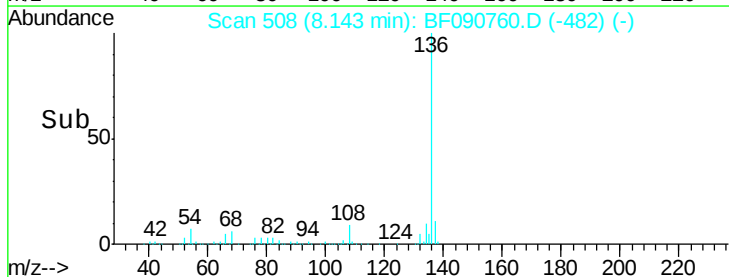
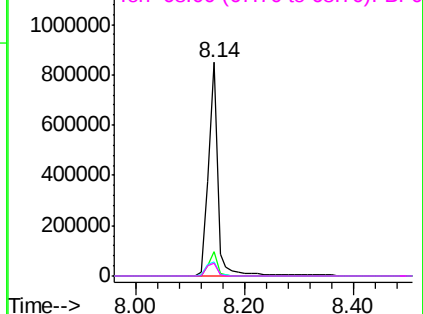
137 11.2 9.0 13.6

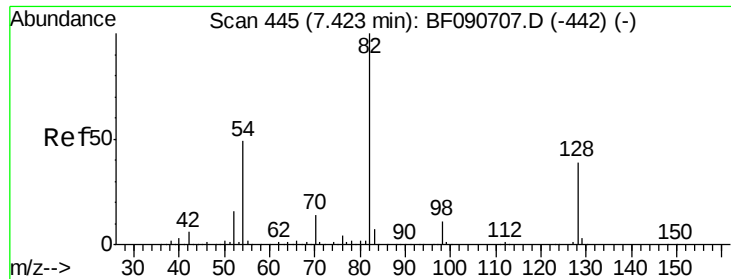
54 6.6 8.2 12.2#

68 6.1 5.8 8.6



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

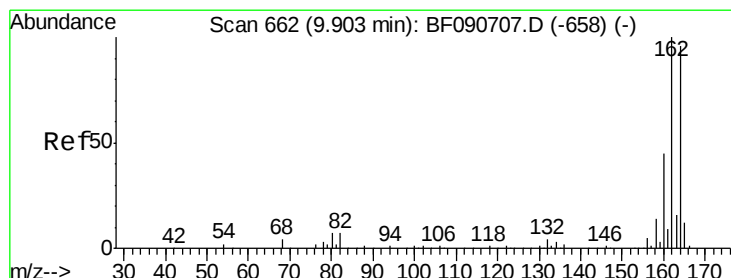
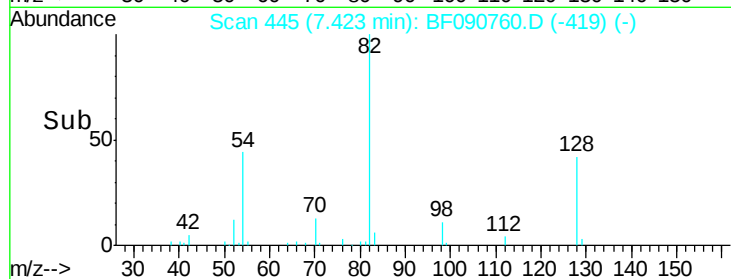
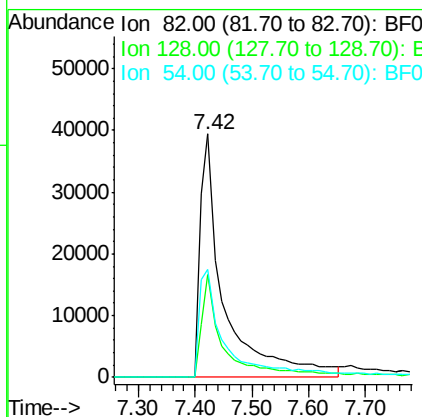
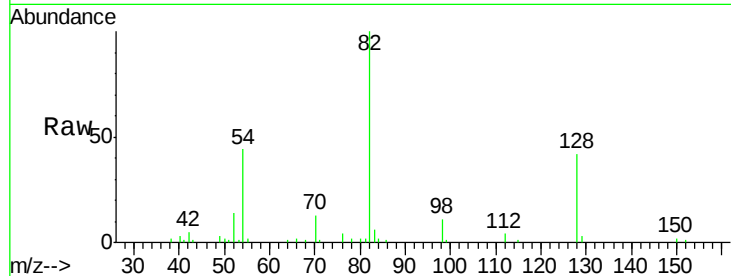




#23
 Nitrobenzene-d5
 Concen: 6.05 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090760.D
 Acq: 22 Oct 2016 14:15

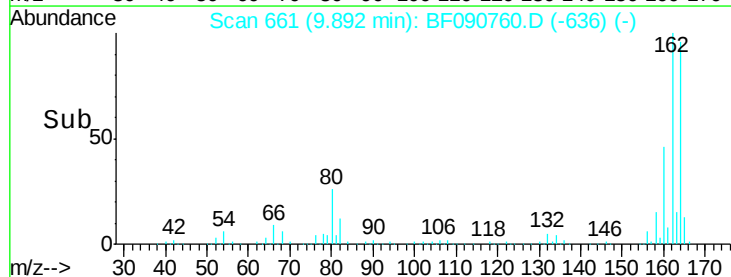
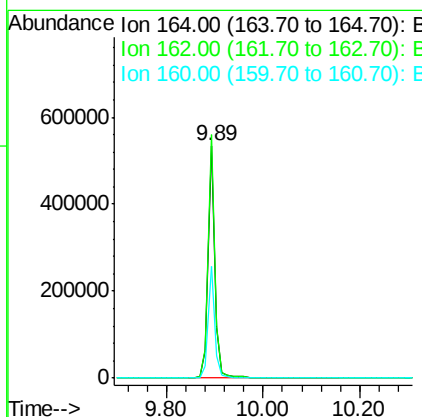
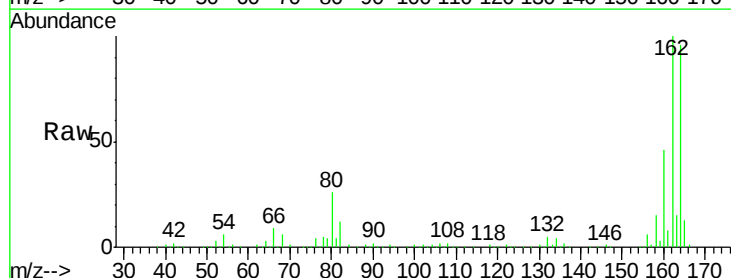
Instrument :
 BNA_F
 ClientSampled :
 BLK-TEST

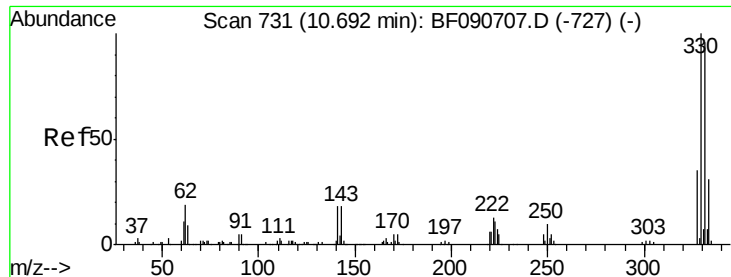
Tgt Ion: 82 Resp: 112883
 Ion Ratio Lower Upper
 82 100
 128 42.4 51.0 76.6#
 54 44.3 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090760.D
 Acq: 22 Oct 2016 14:15

Tgt Ion: 164 Resp: 523039
 Ion Ratio Lower Upper
 164 100
 162 104.7 75.2 112.8
 160 47.9 31.5 47.3#

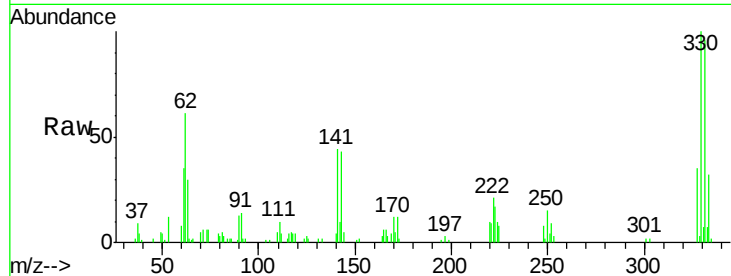




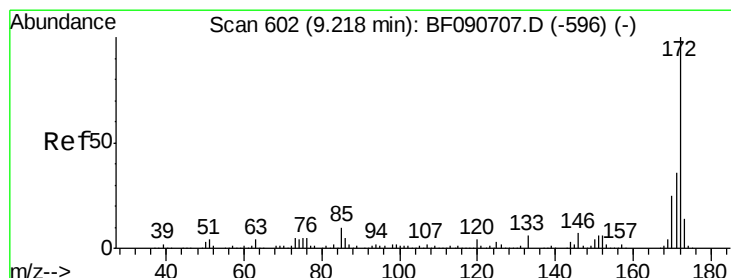
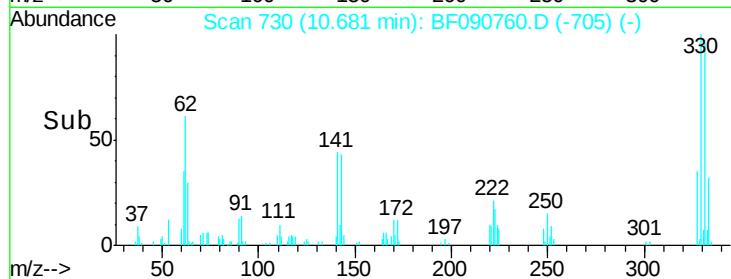
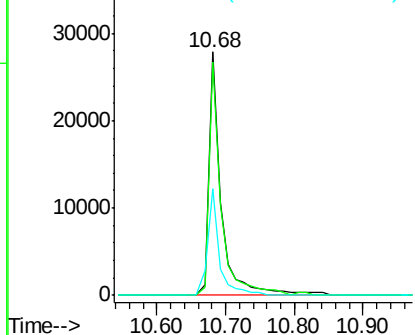
#41
 2,4,6-Tribromophenol
 Concen: 8.57 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF090760.D
 Acq: 22 Oct 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 BLK-TEST

Tgt Ion:330 Resp: 35460
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.6 114.8
 141 41.0 29.7 44.5

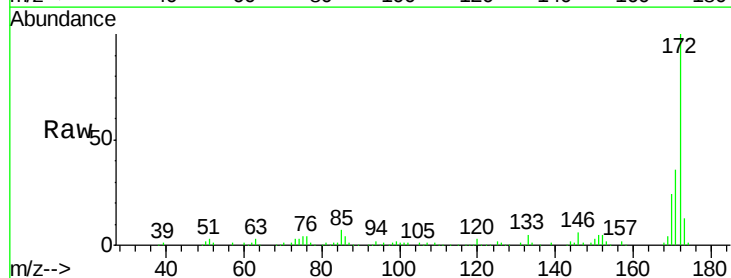


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

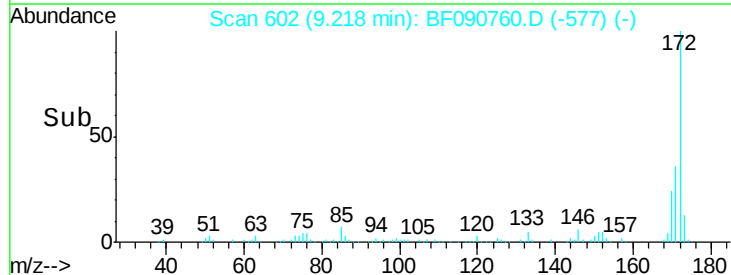
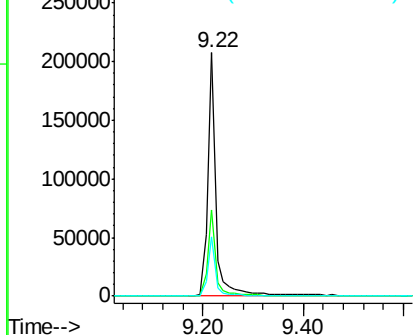


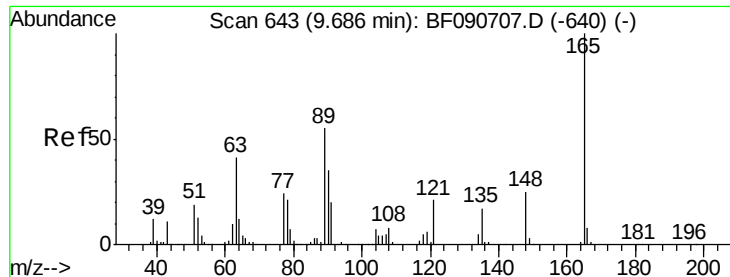
#44
 2-Fluorobiphenyl
 Concen: 7.13 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090760.D
 Acq: 22 Oct 2016 14:15

Tgt Ion:172 Resp: 240255
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.5 17.4 26.2



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

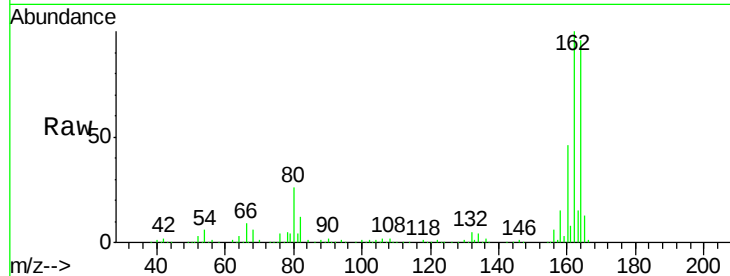




#50
2,6-Dinitrotoluene
Concen: 9.32 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Instrument :
BNA_F
ClientSampleId :
BLK-TEST

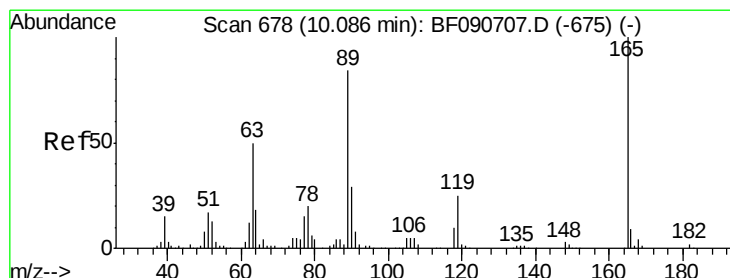
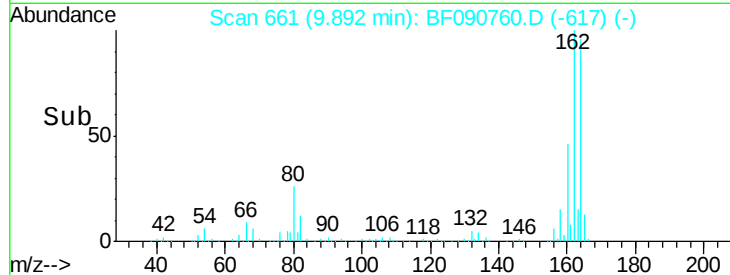
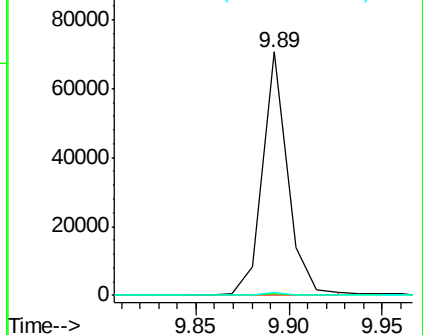
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	1.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

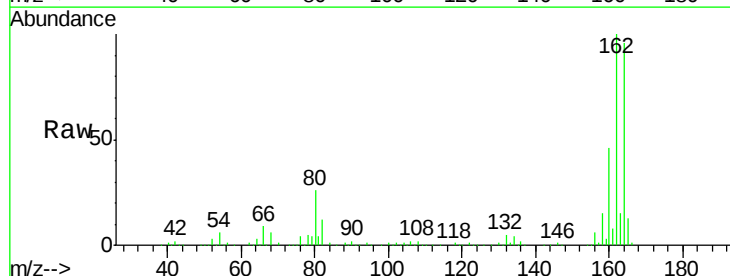
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 7.73 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#

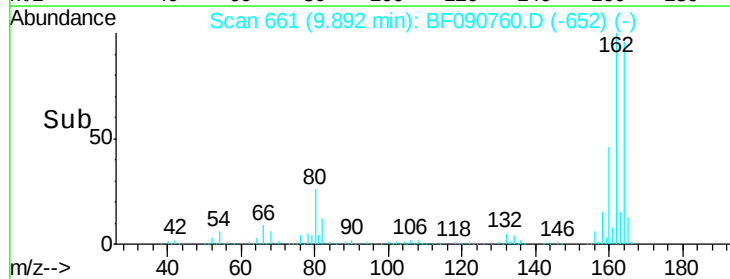
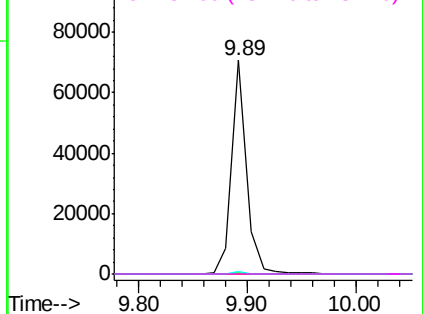


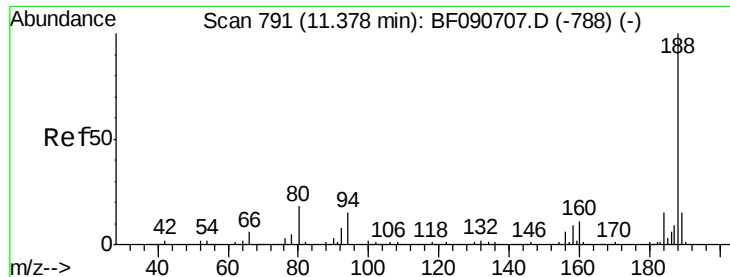
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

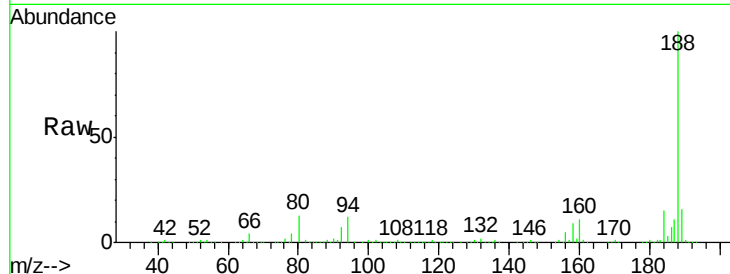




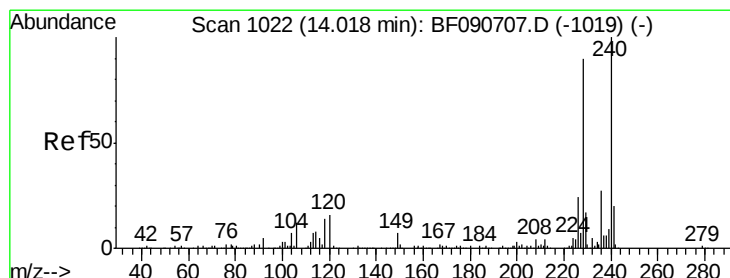
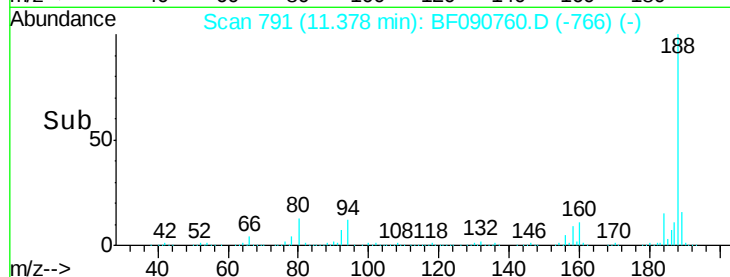
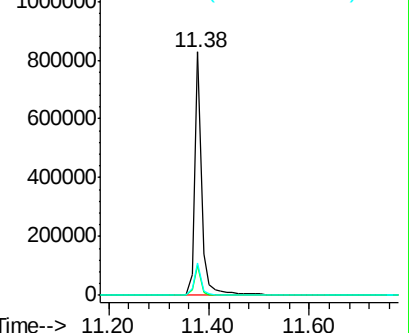
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Instrument :
BNA_F
ClientSampled :
BLK-TEST

Tgt Ion:188 Resp: 815709
Ion Ratio Lower Upper
188 100
94 12.1 11.1 16.7
80 13.2 11.0 16.4

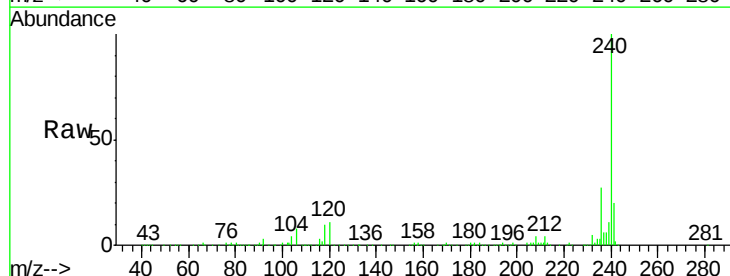


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

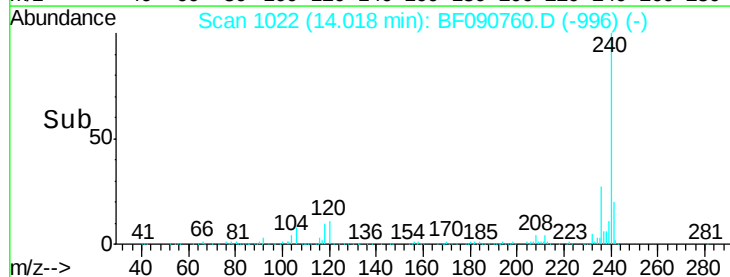
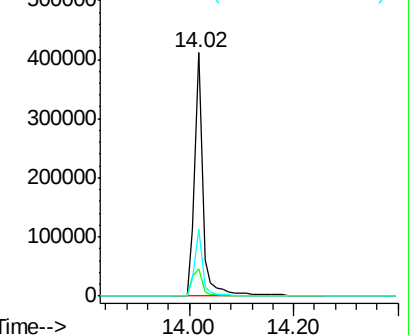


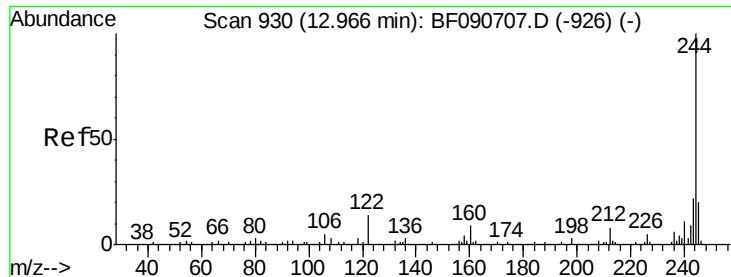
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Tgt Ion:240 Resp: 467705
Ion Ratio Lower Upper
240 100
120 11.1 16.2 24.2#
236 27.4 18.4 27.6



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

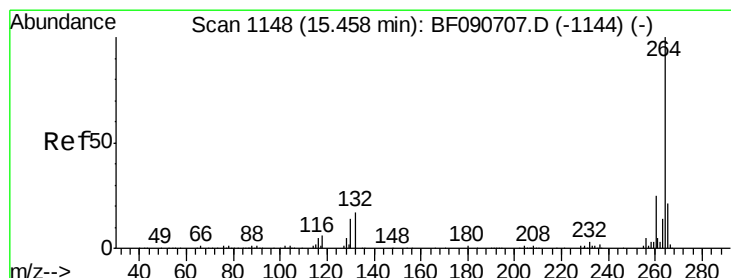
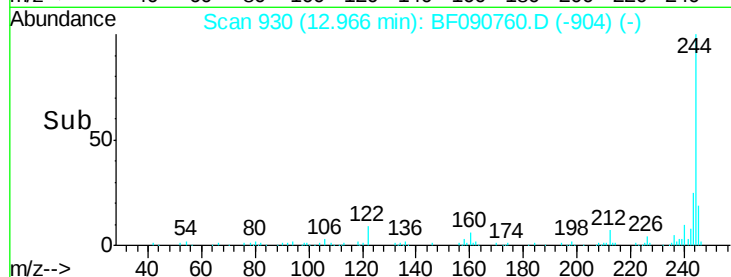
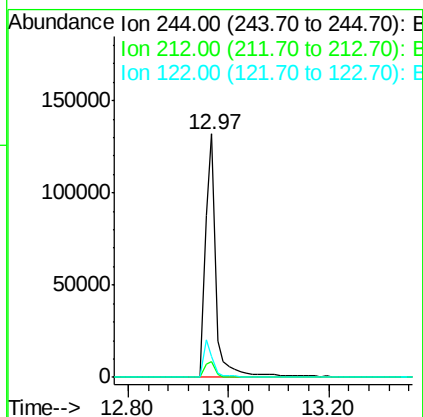
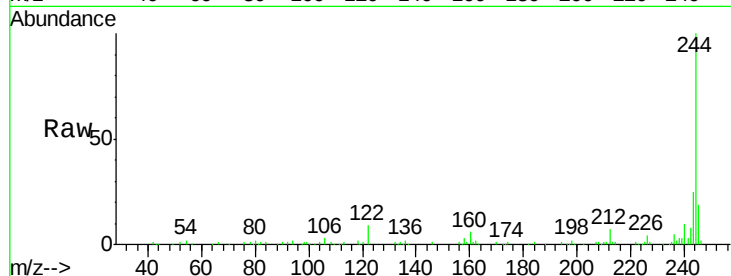




#78
 Terphenyl-d14
 Concen: 9.41 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090760.D
 Acq: 22 Oct 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 BLK-TEST

Tgt Ion:244 Resp: 192039
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.3 6.5#
 122 8.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090760.D
 Acq: 22 Oct 2016 14:15

Tgt Ion:264 Resp: 356091
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 21.6 17.2 25.8

