

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
 Data File : BF092012.D
 Acq On : 28 Dec 2016 23:27
 Operator : UM/SJ
 Sample : H6300-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Dec 29 00:42:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

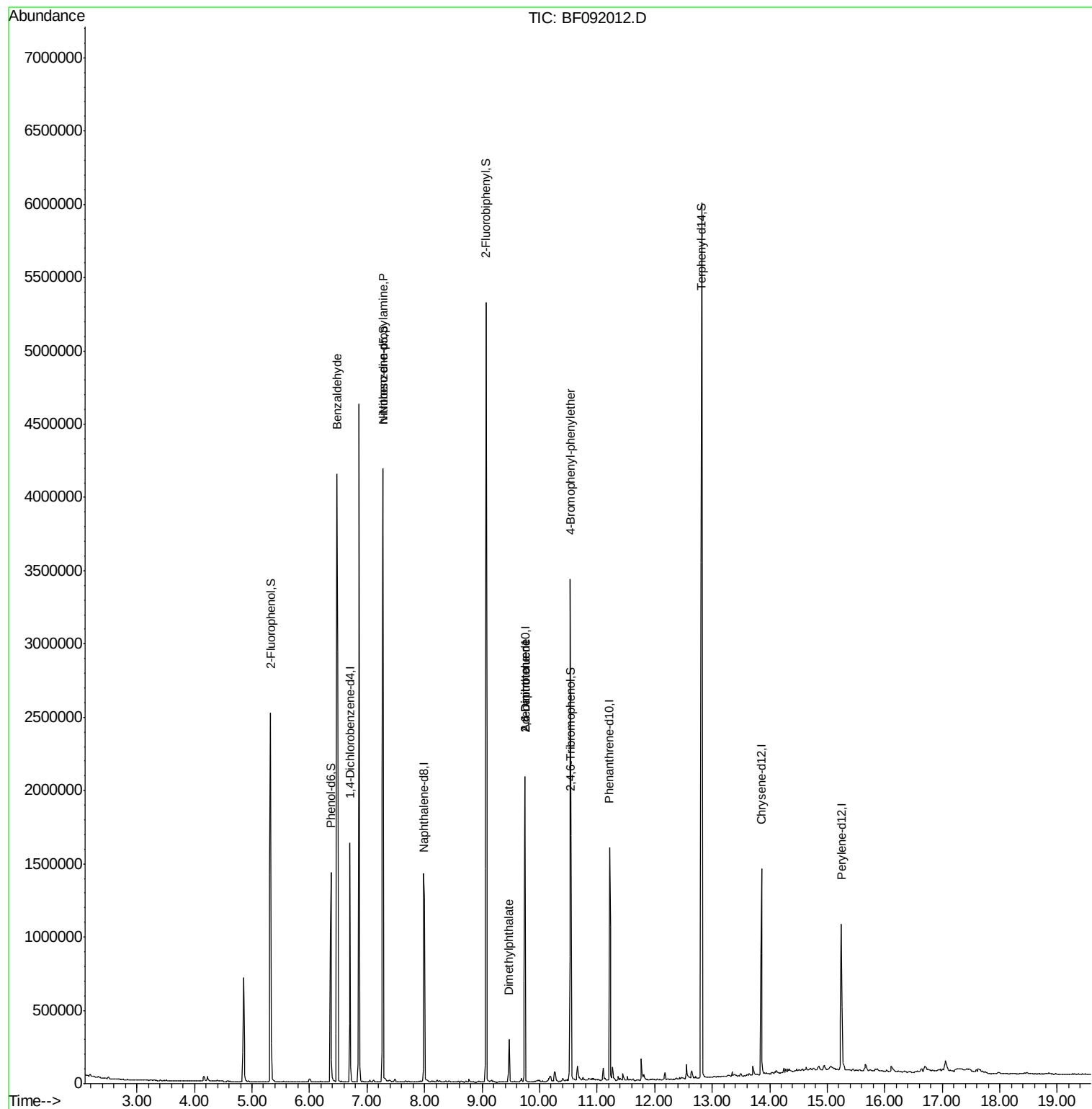
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	249040	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	991320	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	470768	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	761158	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	596069	20.00	ng	-0.01
86) Perylene-d12	15.24	264	451990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	875289	58.69	ng	0.00
7) Phenol-d6	6.37	99	672362	36.92	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1608910	90.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	548665	140.83	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2167171	95.99	ng	-0.01
78) Terphenyl-d14	12.82	244	2204932	89.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	34171	2.29	ng	# 66
19) n-Nitroso-di-n-propylamine	7.28	70	217796	17.98	ng	# 76
37) 2-Methylnaphthalene	8.70	142	627	Below Cal	#	80
49) Dimethylphthalate	9.47	163	118975	3.95	ng	99
50) 2,6-Dinitrotoluene	9.74	165	61679	9.36	ng	# 30
56) 2,4-Dinitrotoluene	9.74	165	61679	7.46	ng	# 19
66) 4-Bromophenyl-phenylether	10.53	248	32081	4.05	ng	# 1
71) Anthracene	11.30	178	3590	Below Cal	#	96
73) Di-n-butylphthalate	11.80	149	7704	Below Cal	#	90
74) Fluoranthene	12.43	202	5384	Below Cal	#	94

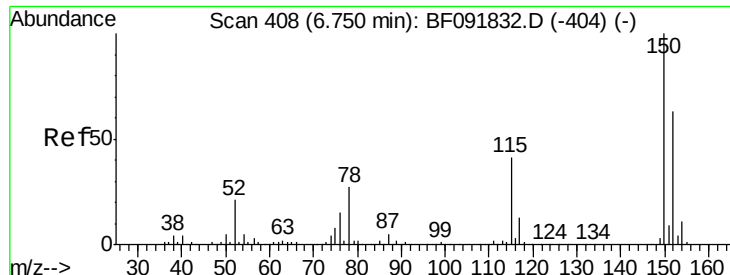
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

Instrument :

BNA_F

ClientSampleId :

DSN001

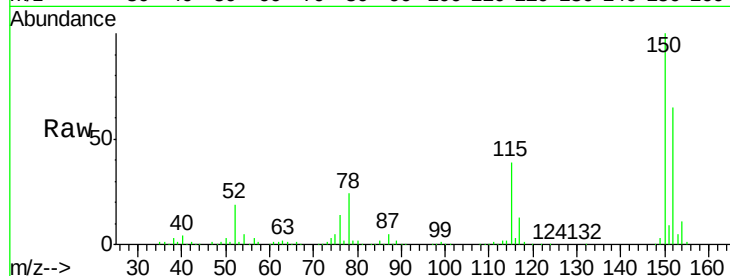
Tgt Ion:152 Resp: 249040

Ion Ratio Lower Upper

152 100

150 152.9 124.9 187.3

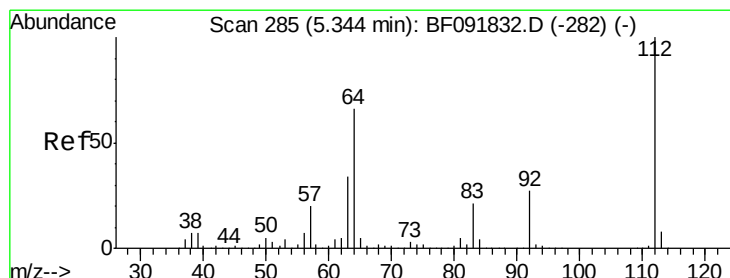
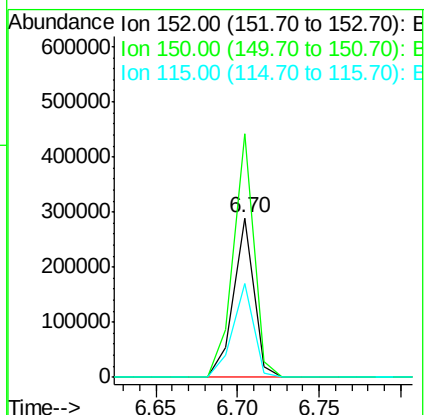
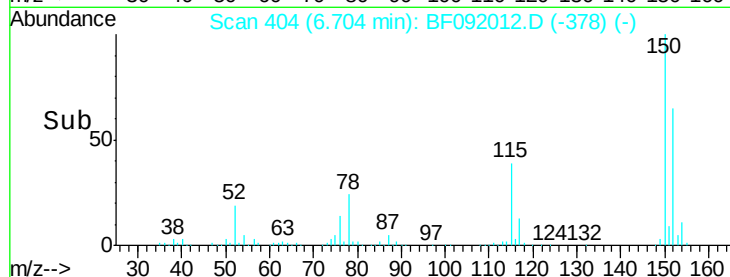
115 59.0 46.0 69.0



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: 58.69 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

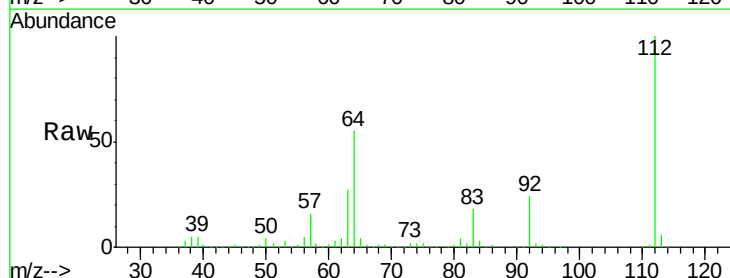
Tgt Ion:112 Resp: 875289

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

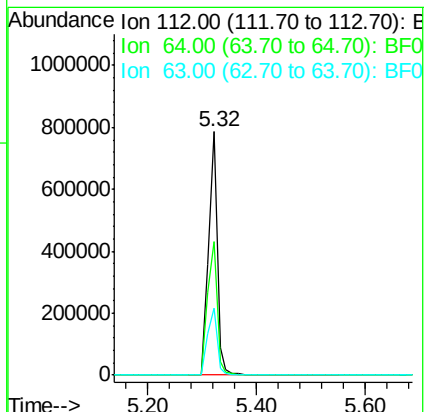
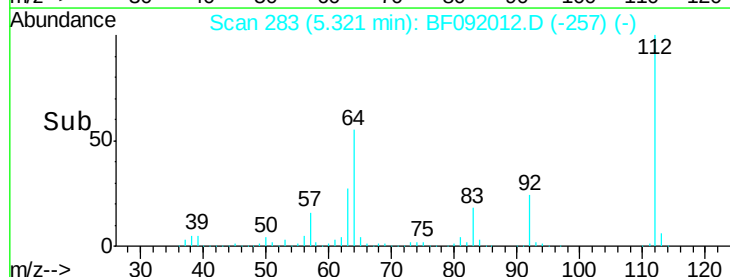
63 27.4 23.8 35.6

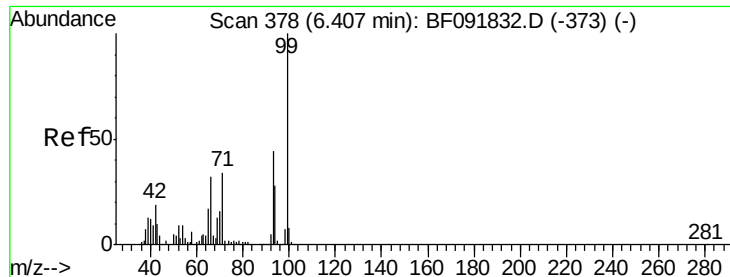


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.92 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

Instrument :

BNA_F

ClientSampleId :

DSN001

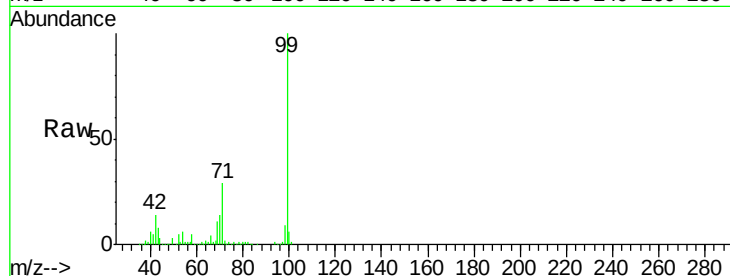
Tgt Ion: 99 Resp: 672362

Ion Ratio Lower Upper

99 100

42 14.4 15.6 23.4#

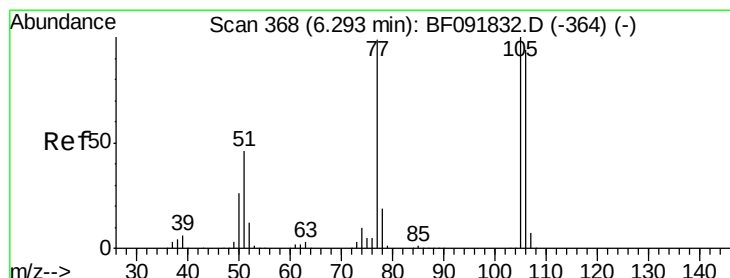
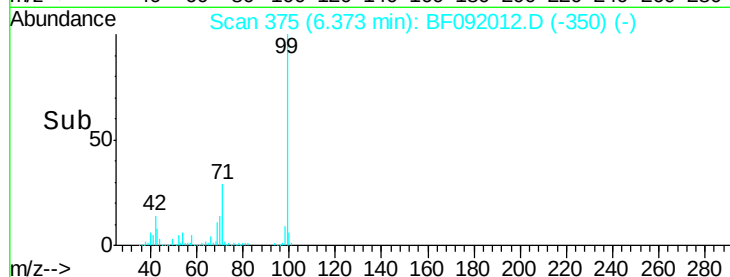
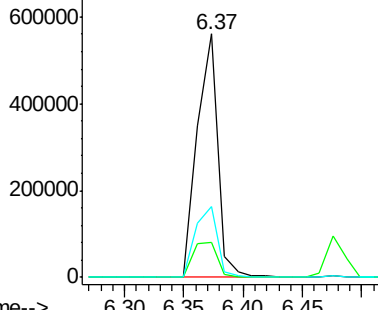
71 29.2 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.29 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.23 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

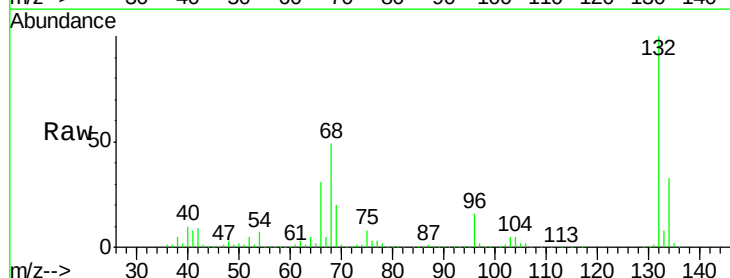
Tgt Ion: 77 Resp: 34171

Ion Ratio Lower Upper

77 100

105 71.9 83.9 123.9#

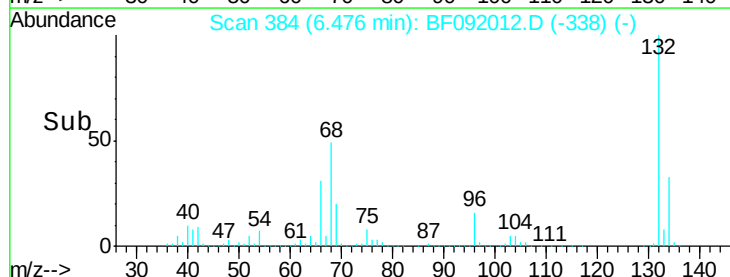
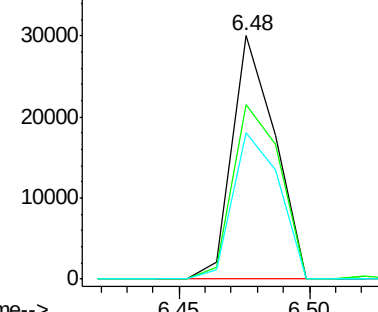
106 60.3 77.6 117.6#

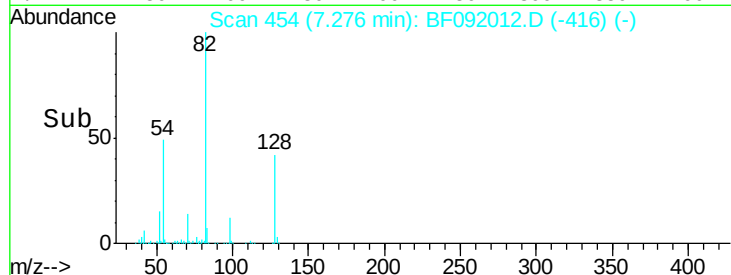
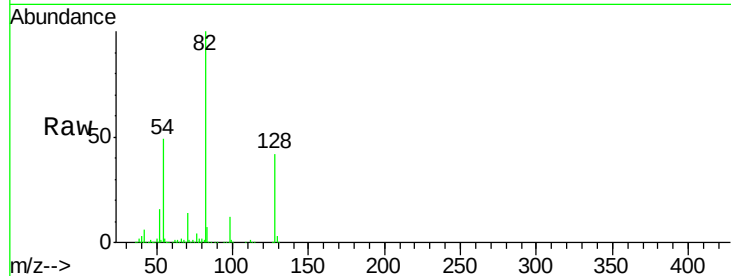
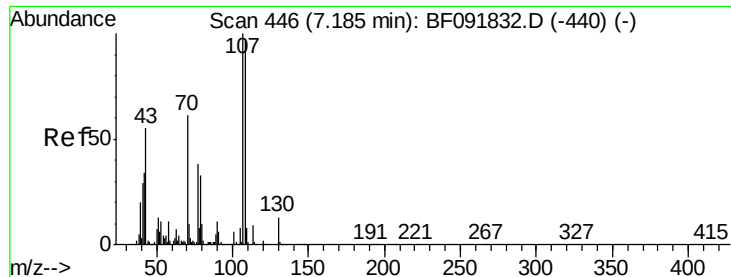


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

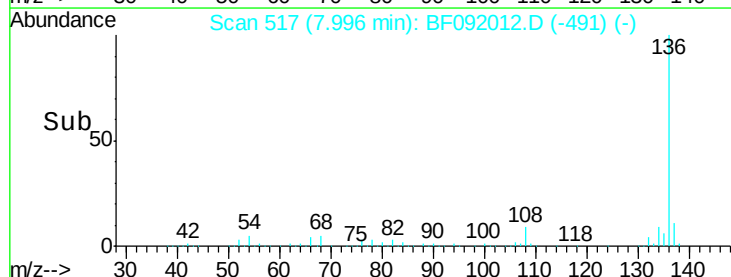
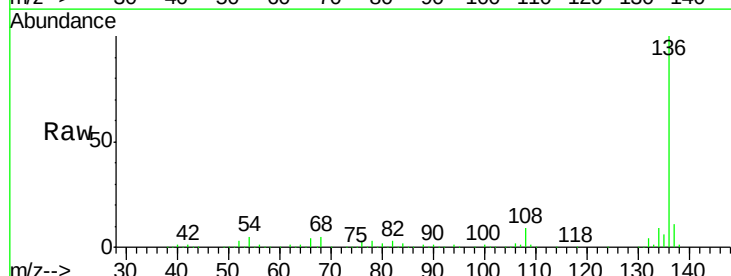
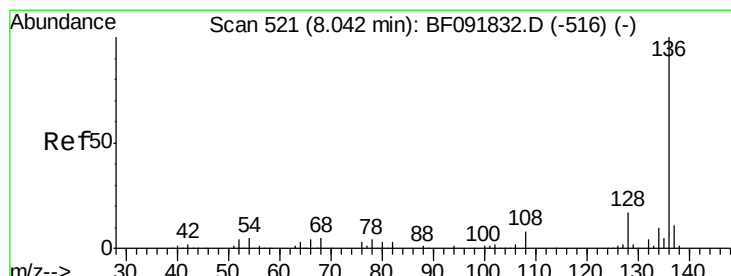
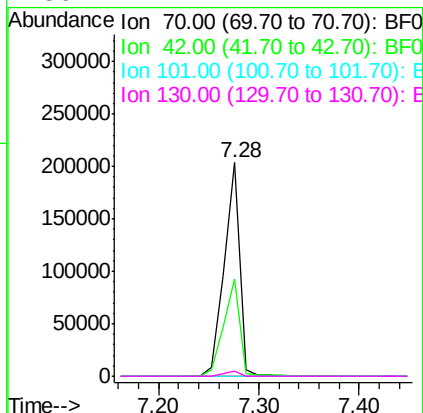




#19
n-Nitroso-di-n-propylamine
Concen: 17.98 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF092012.D
Acq: 28 Dec 2016 23:27

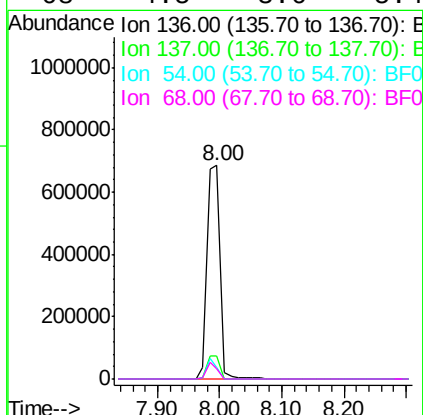
Instrument :
BNA_F
ClientSampleId :
DSN001

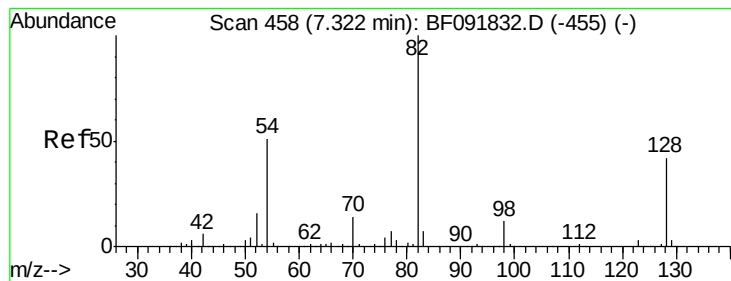
Tgt Ion: 70 Resp: 217796
Ion Ratio Lower Upper
70 100
42 45.6 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF092012.D
Acq: 28 Dec 2016 23:27

Tgt Ion: 136 Resp: 991320
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 5.2 4.5 6.7
68 4.5 3.6 5.4





#23

Nitrobenzene-d5

Concen: 90.25 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

Instrument :

BNA_F

ClientSampleId :

DSN001

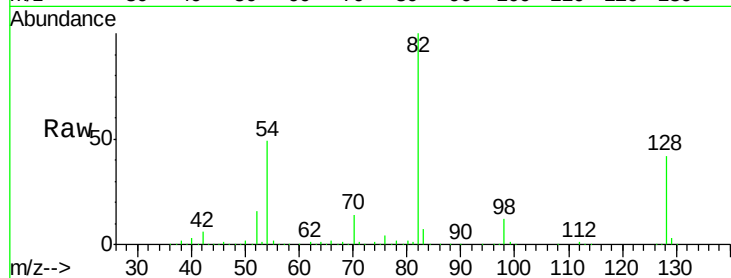
Tgt Ion: 82 Resp: 1608910

Ion Ratio Lower Upper

82 100

128 42.0 34.6 52.0

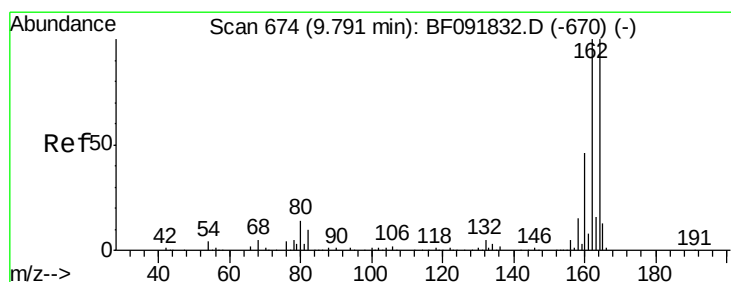
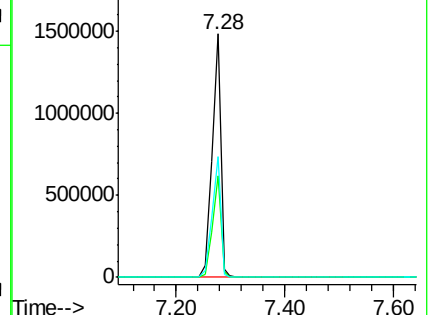
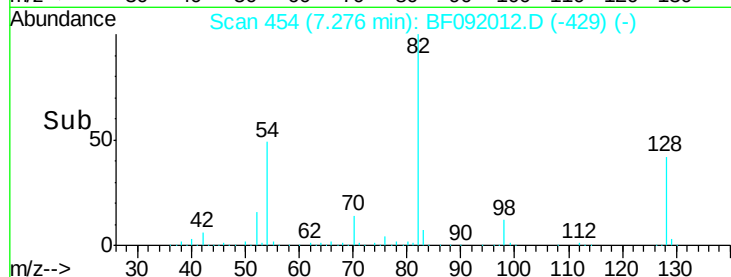
54 49.4 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

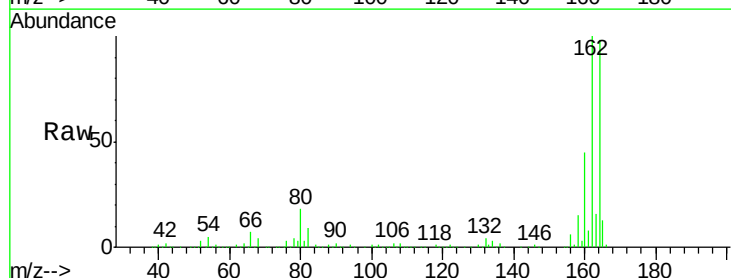
Tgt Ion: 164 Resp: 470768

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

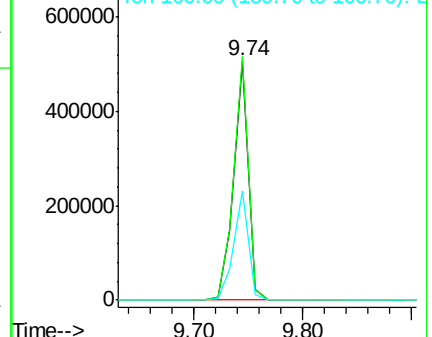
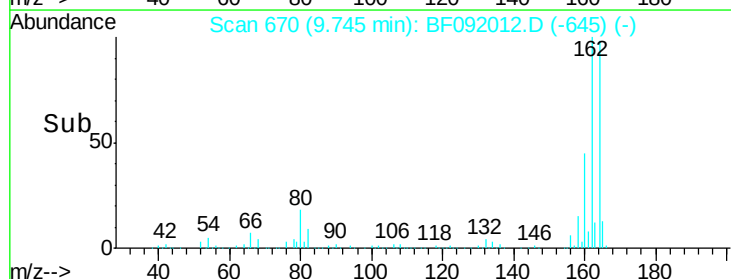
160 45.8 36.9 55.3

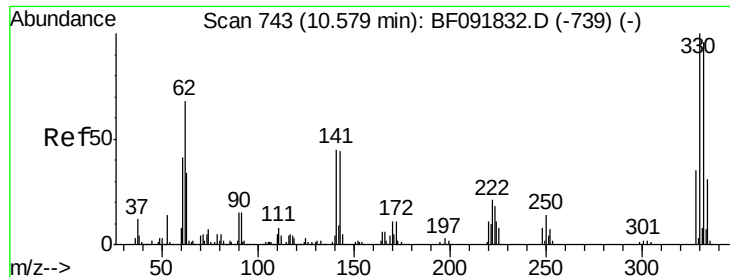


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

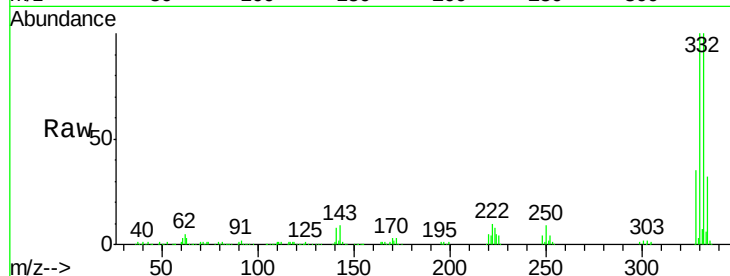




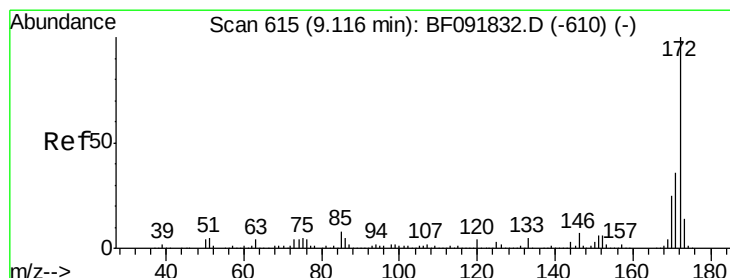
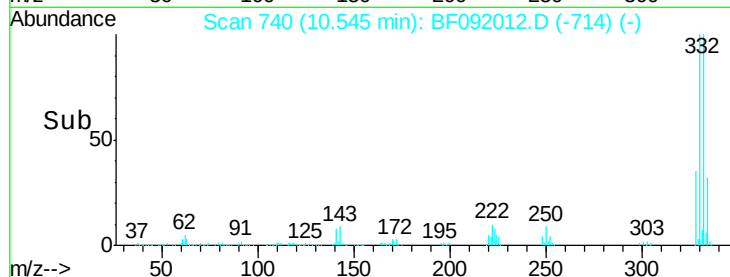
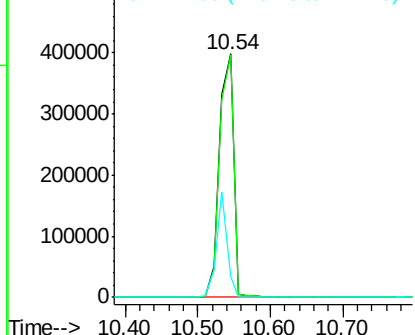
#41
 2,4,6-Tribromophenol
 Concen: 140.83 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF092012.D
 Acq: 28 Dec 2016 23:27

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:330 Resp: 548665
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.4 116.2
 141 32.4 34.1 51.1#

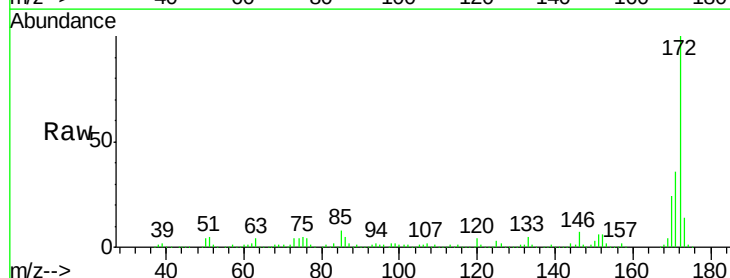


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

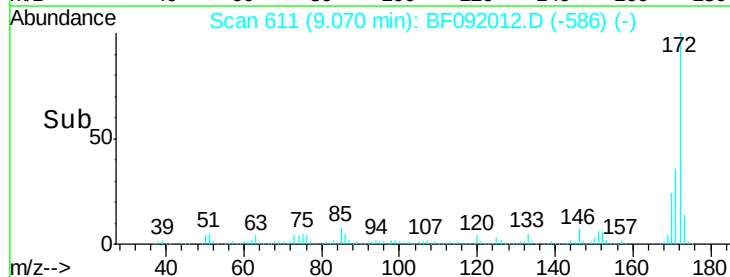
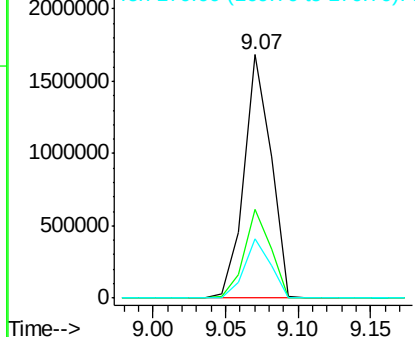


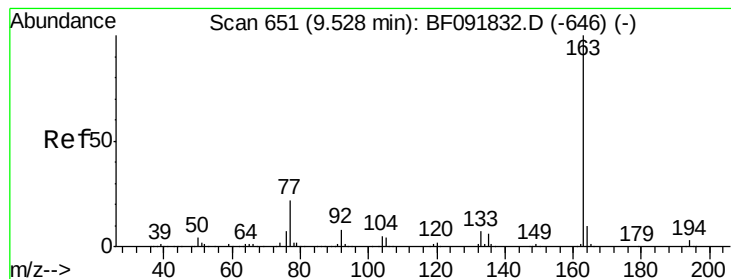
#44
 2-Fluorobiphenyl
 Concen: 95.99 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF092012.D
 Acq: 28 Dec 2016 23:27

Tgt Ion:172 Resp: 2167171
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.4 20.2 30.4



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





#49

Dimethylphthalate

Concen: 3.95 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

Instrument :

BNA_F

ClientSampleId :

DSN001

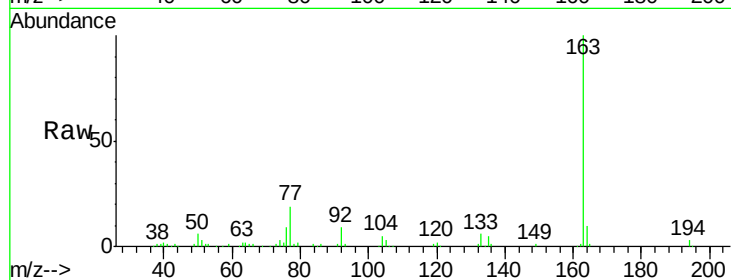
Tgt Ion:163 Resp: 118975

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

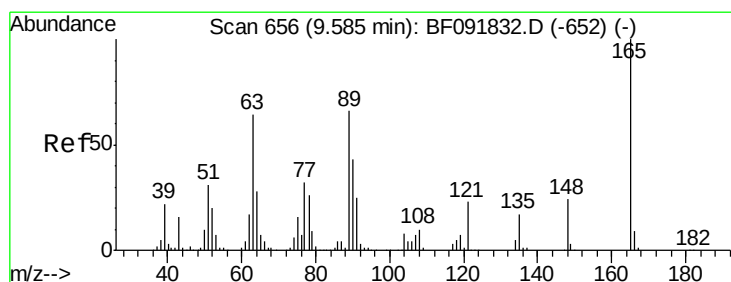
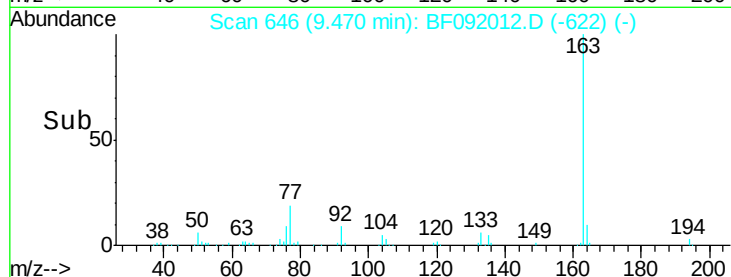
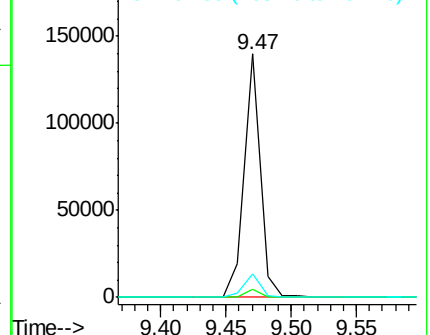
164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 9.36 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.19 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

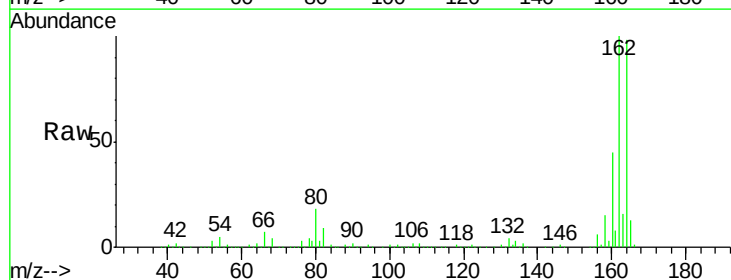
Tgt Ion:165 Resp: 61679

Ion Ratio Lower Upper

165 100

63 0.6 36.2 54.4#

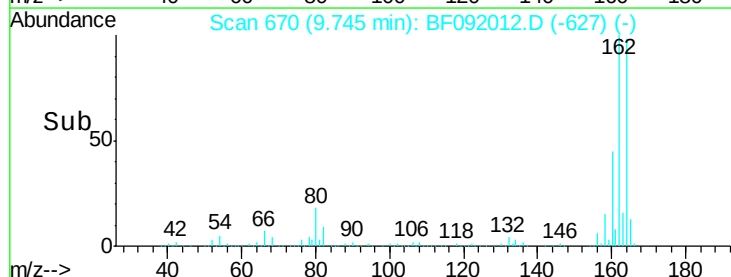
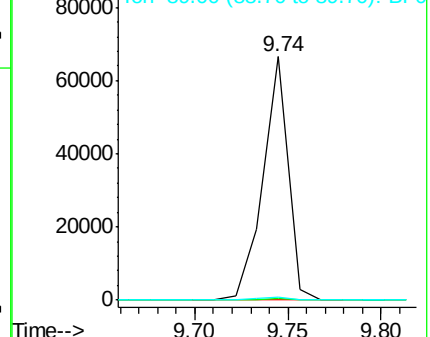
89 1.1 40.2 60.4#

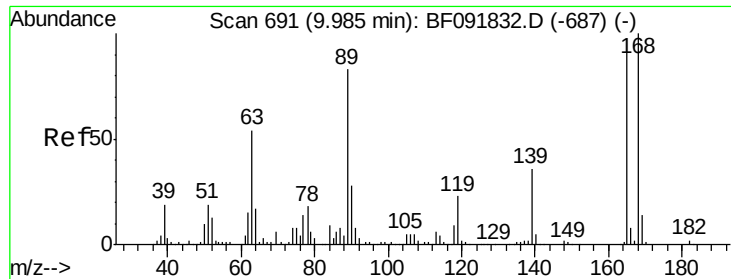


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

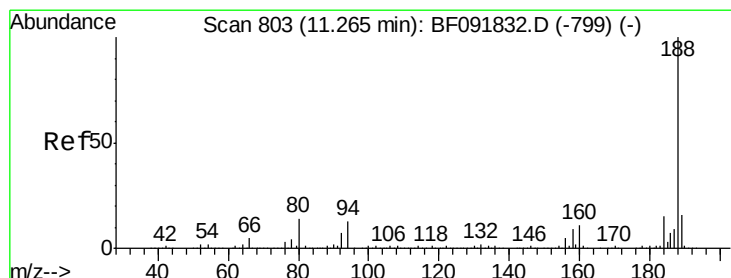
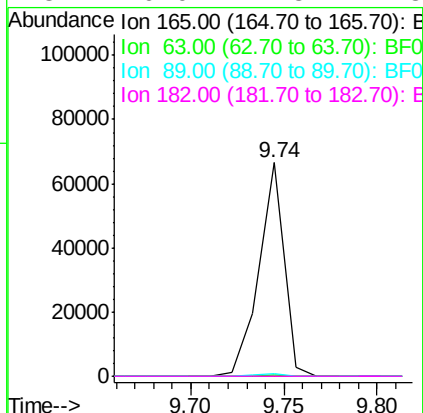
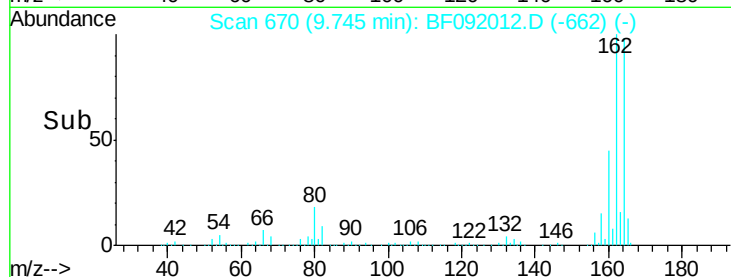
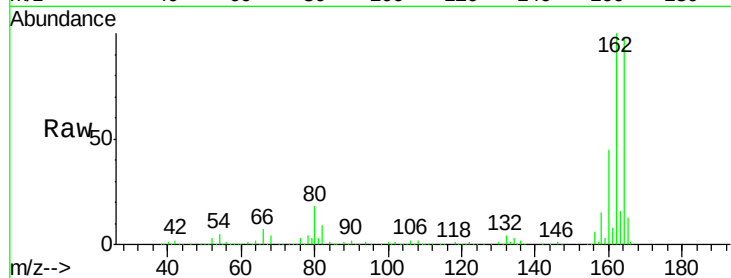




#56
 2,4-Dinitrotoluene
 Concen: 7.46 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.21 min
 Lab File: BF092012.D
 Acq: 28 Dec 2016 23:27

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:	165	Resp:	61679
Ion	Ratio	Lower	Upper
165	100		
63	0.6	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF092012.D
 Acq: 28 Dec 2016 23:27

Tgt Ion:	188	Resp:	761158
Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.0	15.0
80	14.3	11.2	16.8

