

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090726.D
 Acq On : 21 Oct 2016 22:42
 Operator : UM/SJ
 Sample : H5308-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-10172016

Quant Time: Oct 21 23:28:15 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

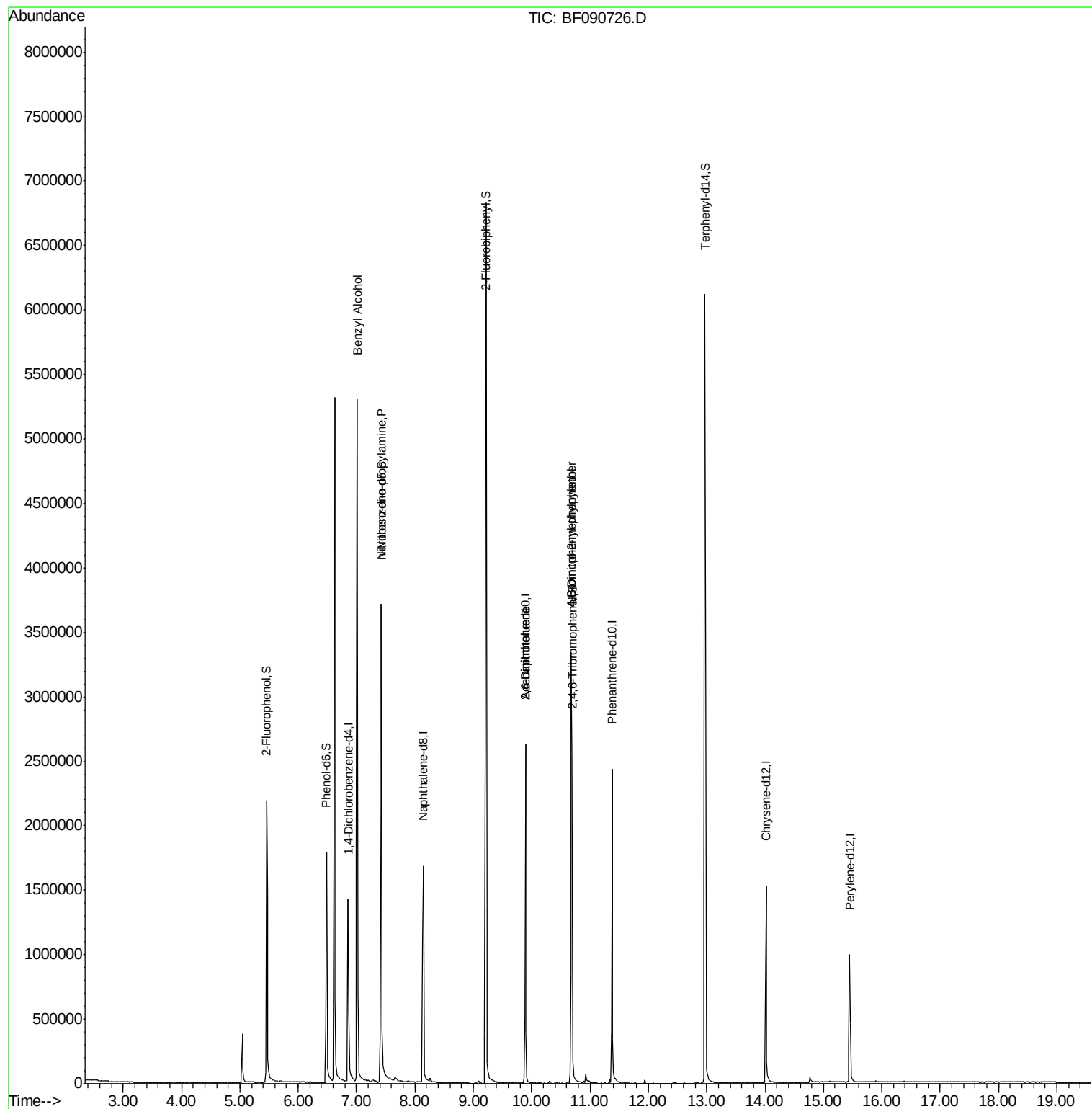
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	253232	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1093882	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	561031	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	911963	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	666229	20.00	ng	0.00
86) Perylene-d12	15.45	264	450496	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	836135	53.25	ng	0.00
7) Phenol-d6	6.49	99	700758	32.95	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1873832	93.95	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	680032	153.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2629700	72.76	ng	-0.01
78) Terphenyl-d14	12.97	244	2699032	92.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.01	79	29978	2.08	ng	# 31
19) n-Nitroso-di-n-propylamine	7.42	70	254531	16.07	ng	# 52
50) 2,6-Dinitrotoluene	9.89	165	72338	9.54	ng	# 39
56) 2,4-Dinitrotoluene	9.89	165	72803	7.86	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1166	4.36	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	43348	4.90	ng	# 1

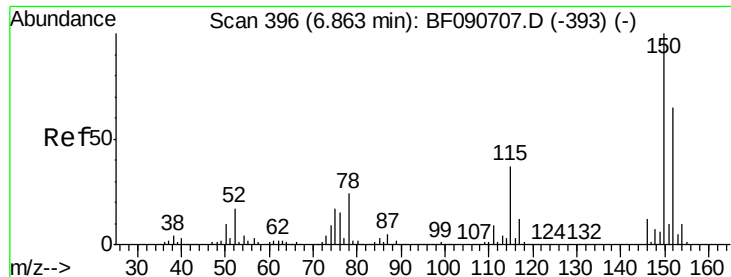
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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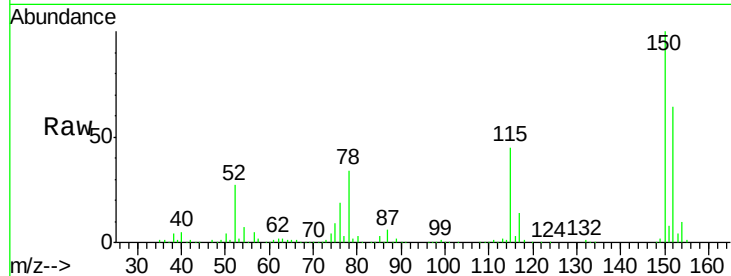


#1

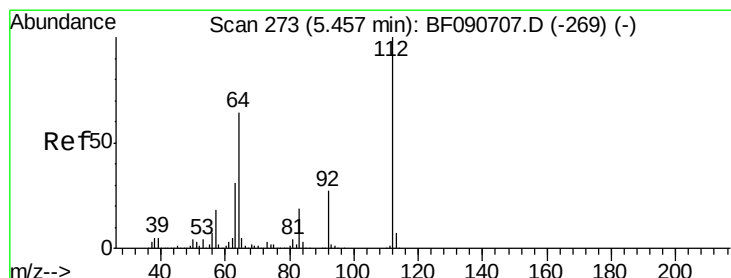
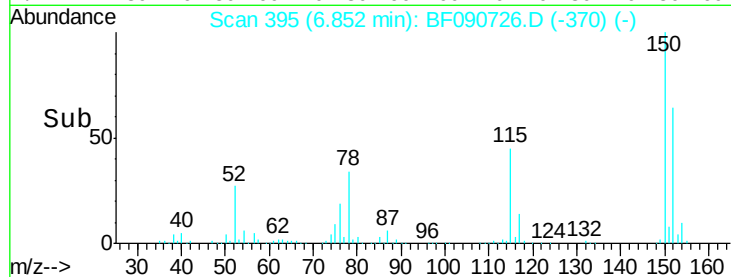
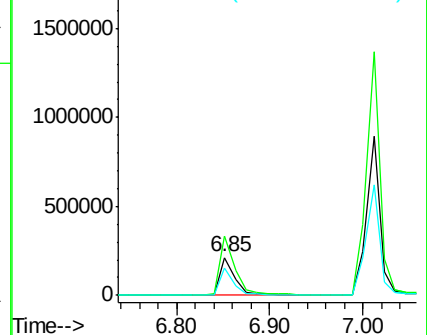
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

Instrument :
BNA_F
ClientSampleId :
FB-10172016

Tgt Ion:152 Resp: 253232
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 70.8 39.0 58.4#



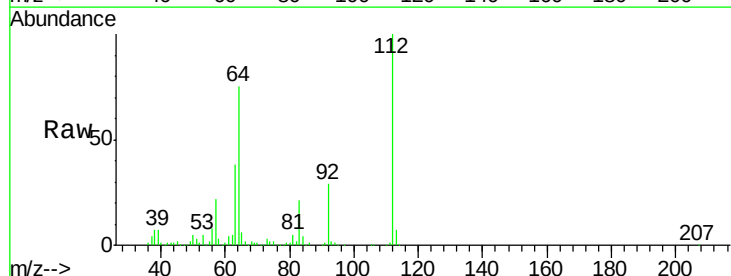
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



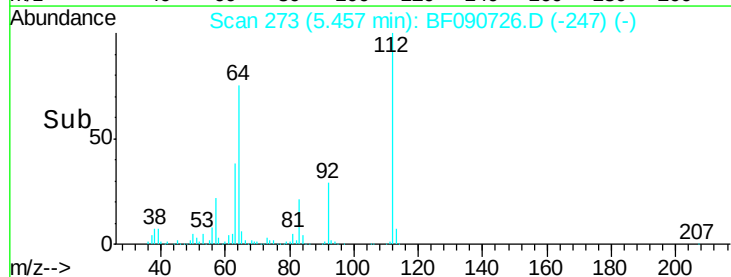
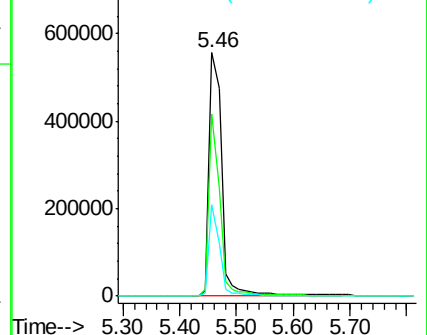
#5

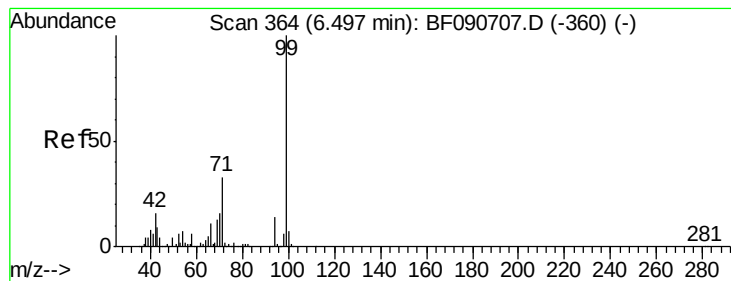
2-Fluorophenol
Concen: 53.25 ng
RT: 5.46 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

Tgt Ion:112 Resp: 836135
Ion Ratio Lower Upper
112 100
64 74.8 39.7 59.5#
63 37.8 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: 32.95 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090726.D

Acq: 21 Oct 2016 22:42

Instrument :

BNA_F

ClientSampleId :

FB-10172016

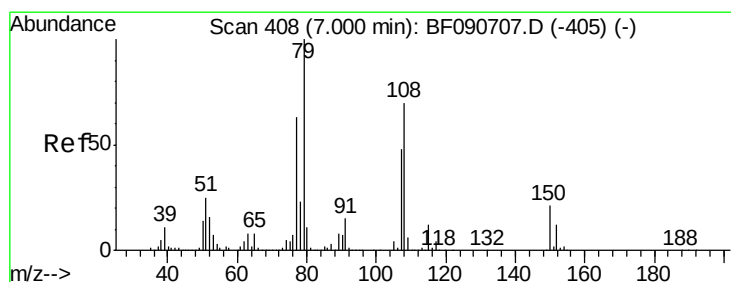
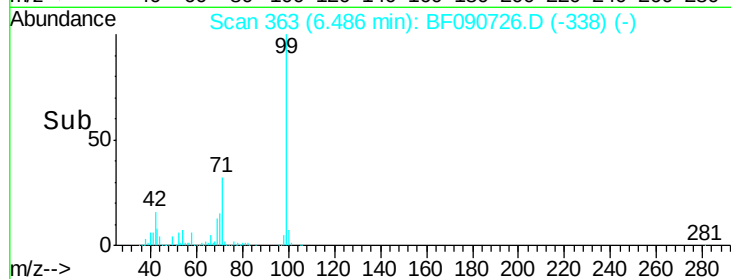
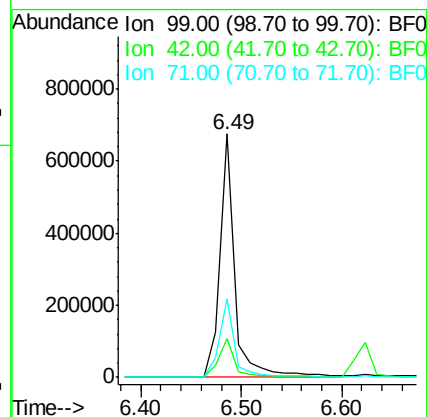
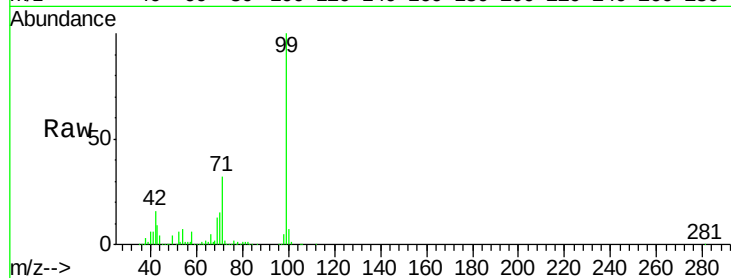
Tgt Ion: 99 Resp: 700758

Ion Ratio Lower Upper

99 100

42 16.0 13.7 20.5

71 32.3 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.01 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090726.D

Acq: 21 Oct 2016 22:42

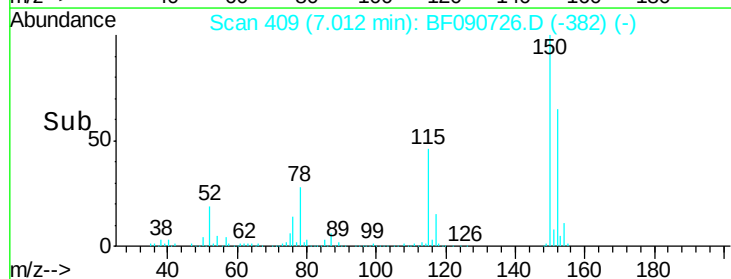
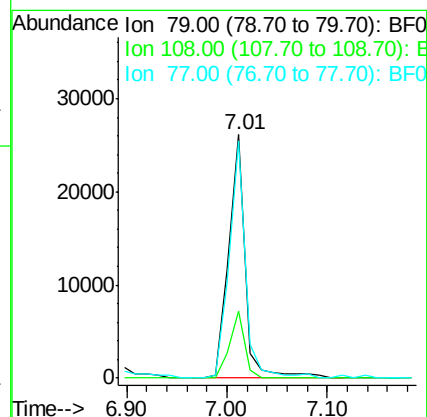
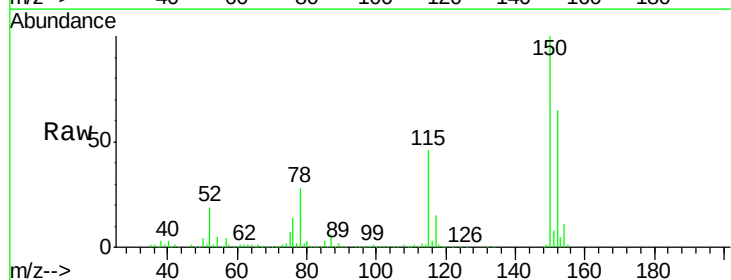
Tgt Ion: 79 Resp: 29978

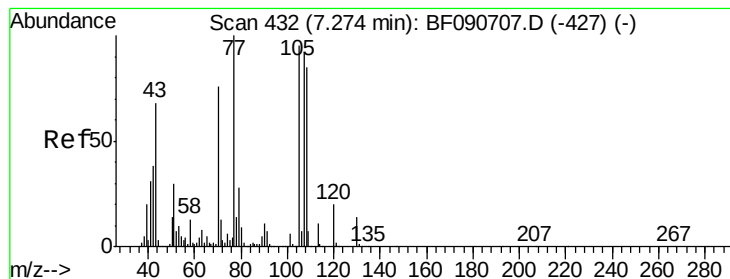
Ion Ratio Lower Upper

79 100

108 27.4 88.6 132.8#

77 97.4 47.0 70.4#





#19

n-Nitroso-di-n-propylamine

Concen: 16.07 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090726.D

Acq: 21 Oct 2016 22:42

Instrument :

BNA_F

ClientSampleId :

FB-10172016

Tgt Ion: 70 Resp: 254531

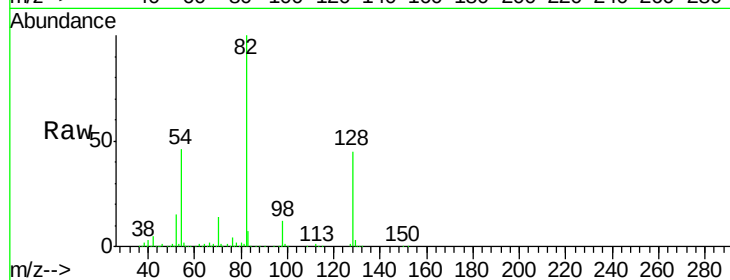
Ion Ratio Lower Upper

70 100

42 38.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#



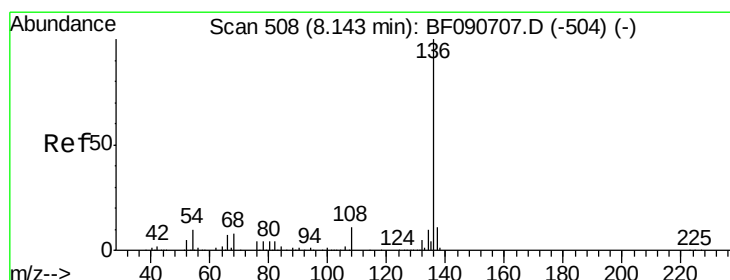
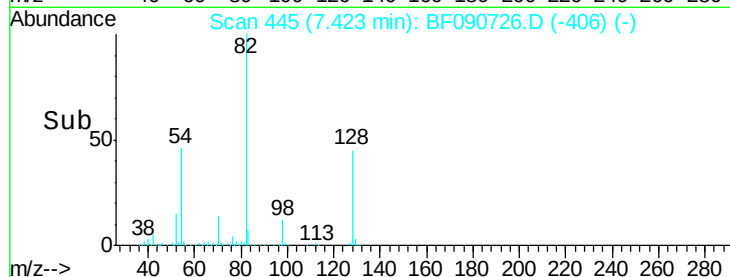
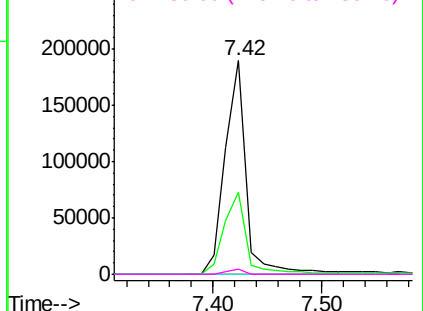
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090726.D

Acq: 21 Oct 2016 22:42

Tgt Ion: 136 Resp: 1093882

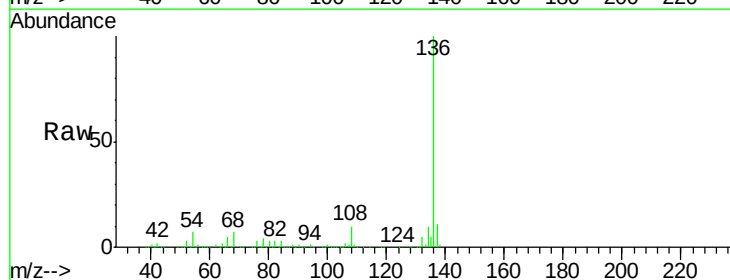
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.3 8.2 12.2#

68 6.6 5.8 8.6



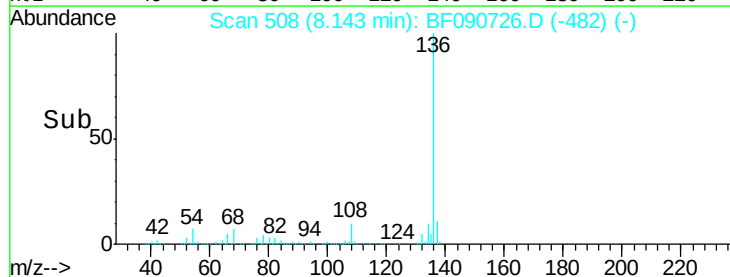
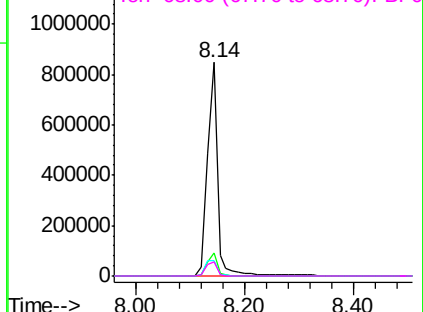
Abundance

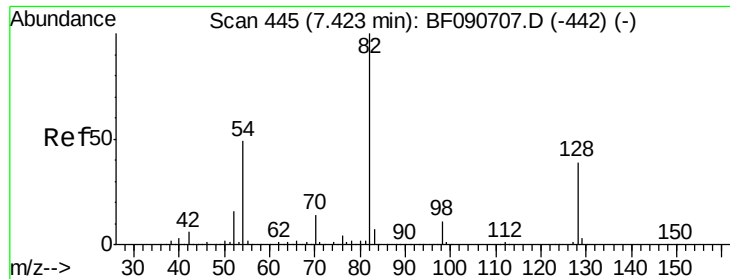
Ion 136.00 (135.70 to 136.70): E

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

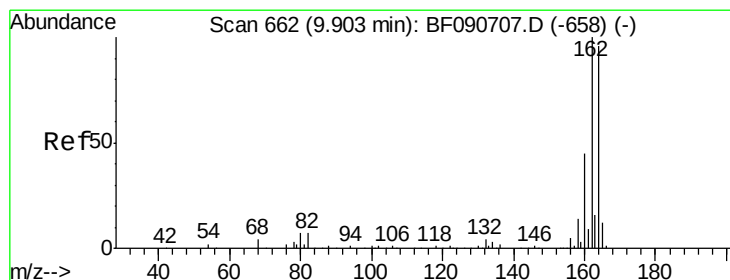
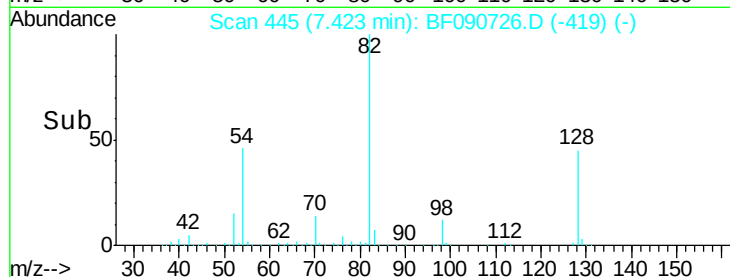
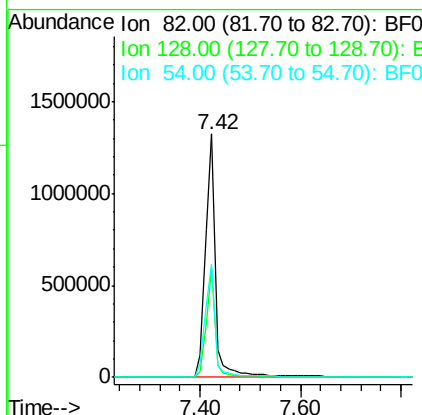
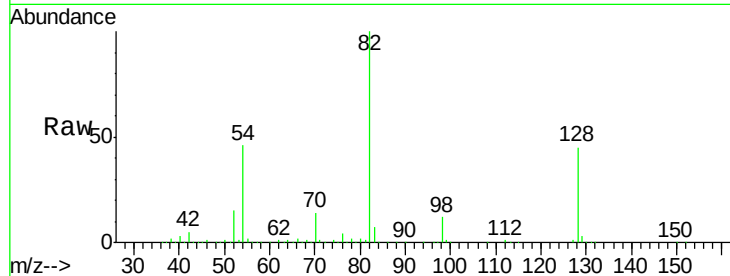




#23
Nitrobenzene-d5
Concen: 93.95 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

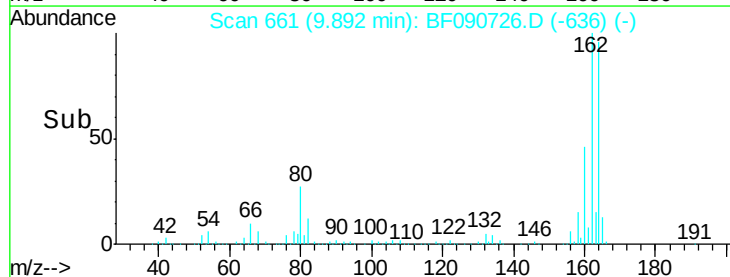
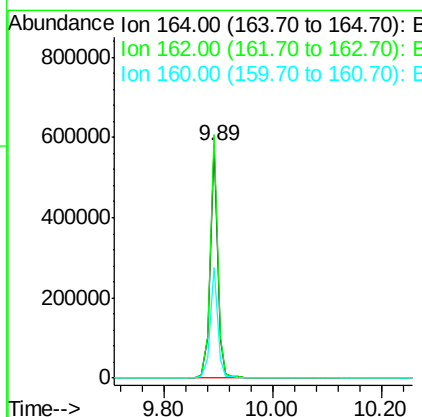
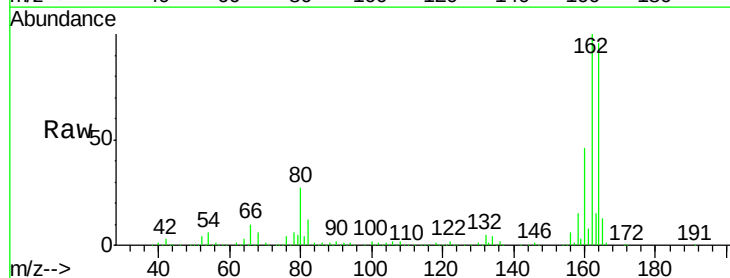
Instrument :
BNA_F
ClientSampleId :
FB-10172016

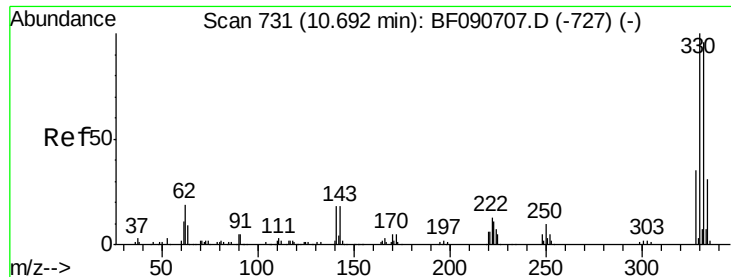
Tgt Ion: 82 Resp: 1873832
Ion Ratio Lower Upper
82 100
128 44.8 51.0 76.6#
54 46.5 47.5 71.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

Tgt Ion: 164 Resp: 561031
Ion Ratio Lower Upper
164 100
162 104.4 75.2 112.8
160 47.6 31.5 47.3#

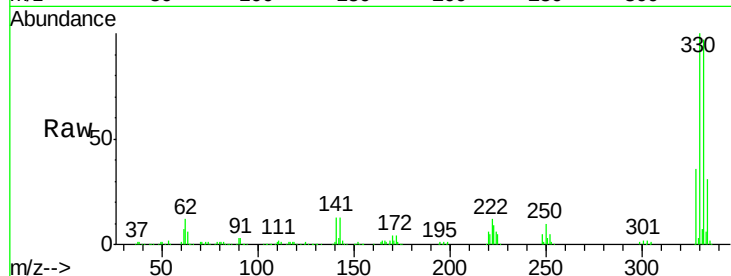




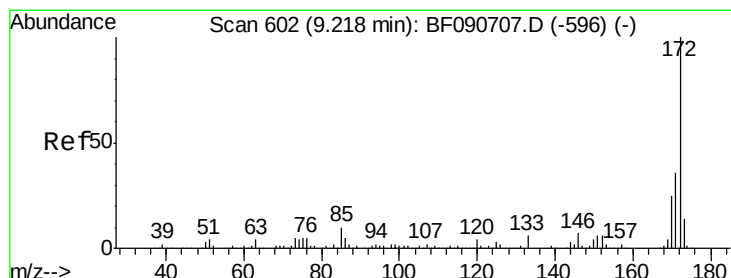
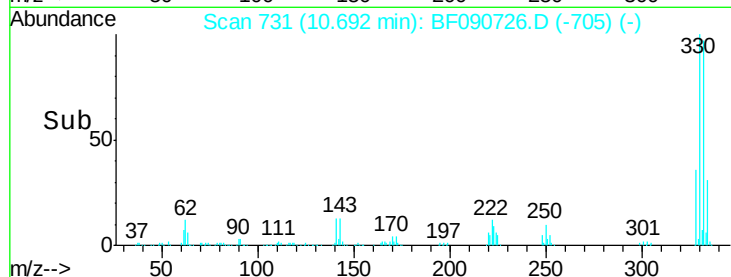
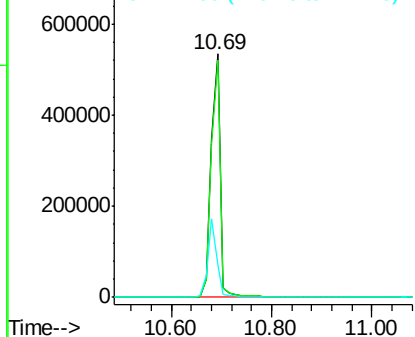
#41
 2,4,6-Tribromophenol
 Concen: 153.14 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090726.D
 Acq: 21 Oct 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 FB-10172016

Tgt Ion:330 Resp: 680032
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 32.8 29.7 44.5

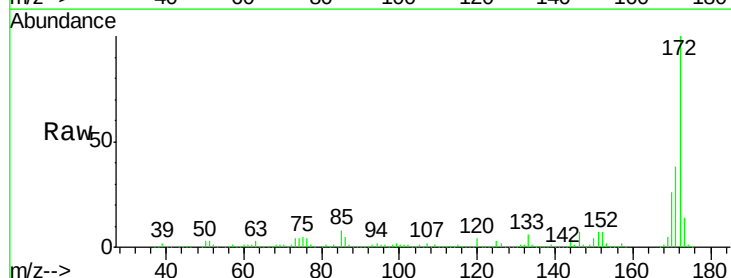


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

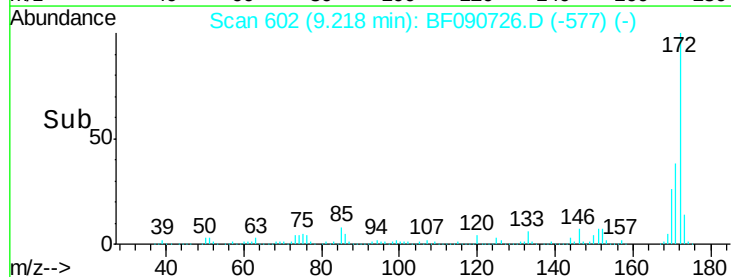
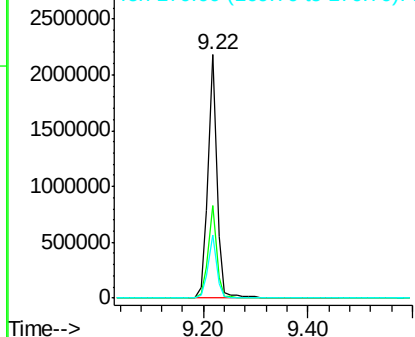


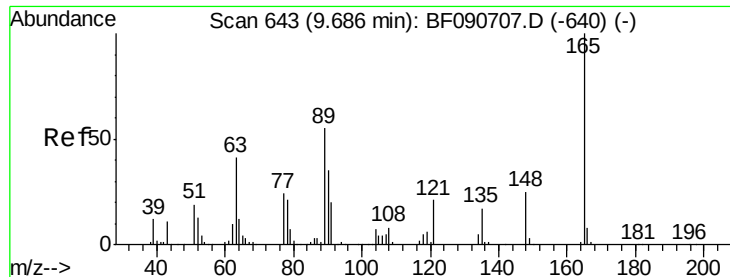
#44
 2-Fluorobiphenyl
 Concen: 72.76 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090726.D
 Acq: 21 Oct 2016 22:42

Tgt Ion:172 Resp: 2629700
 Ion Ratio Lower Upper
 172 100
 171 38.0 26.1 39.1
 170 26.1 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

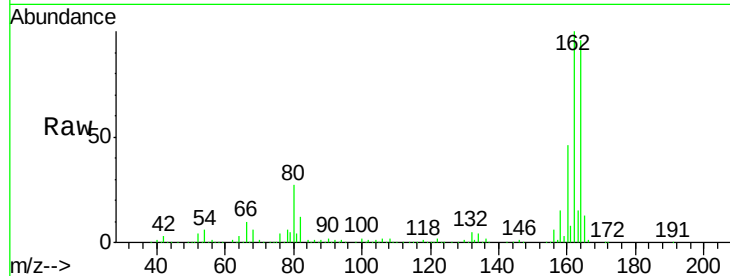




#50
2,6-Dinitrotoluene
Concen: 9.54 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

Instrument :
BNA_F
ClientSampleId :
FB-10172016

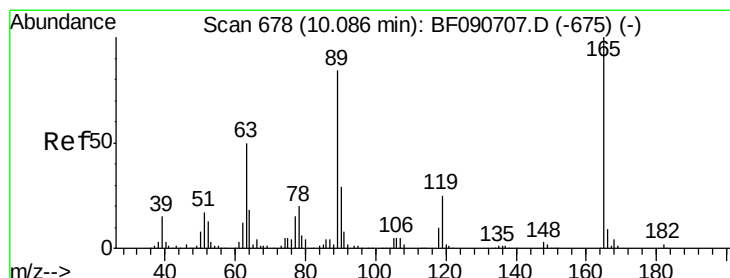
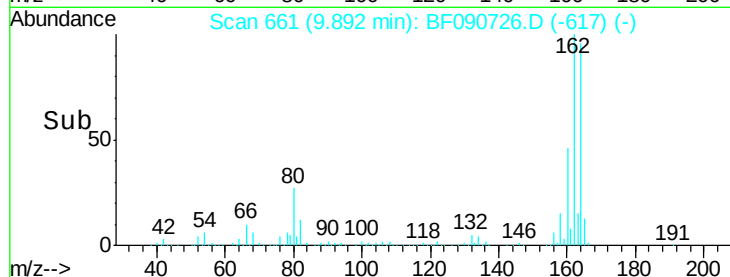
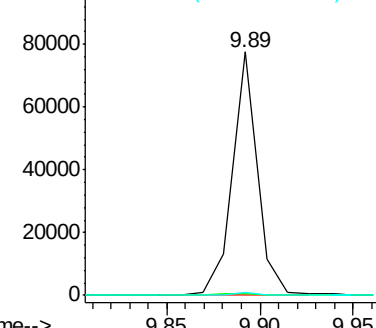
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	1.3	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

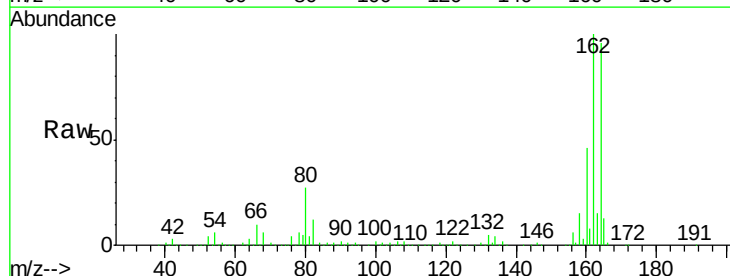
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 7.86 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#

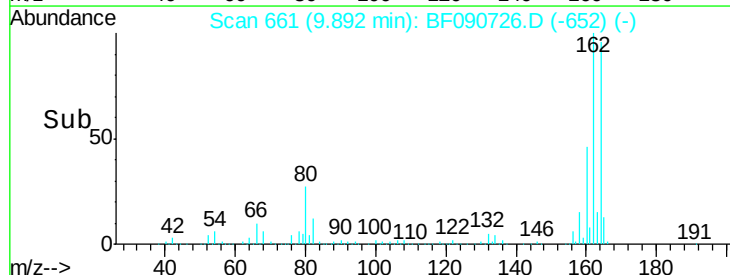
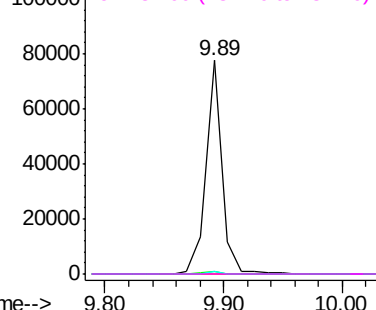


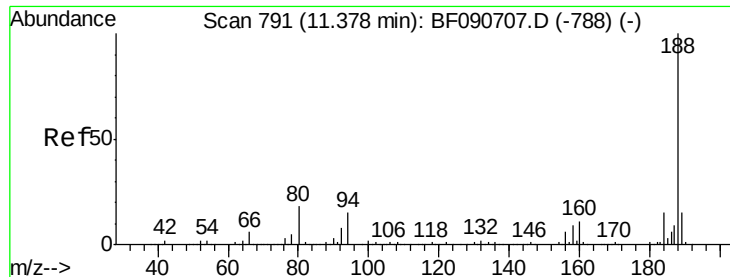
Abundance Ion 165.00 (164.70 to 165.70): E

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

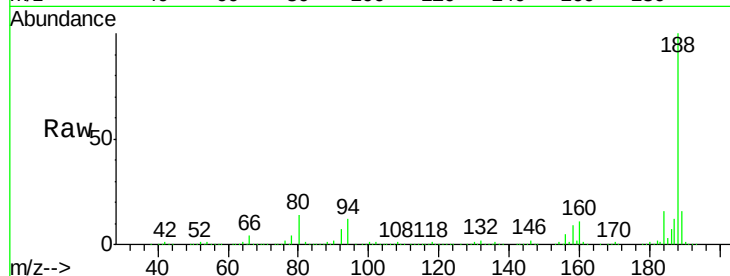




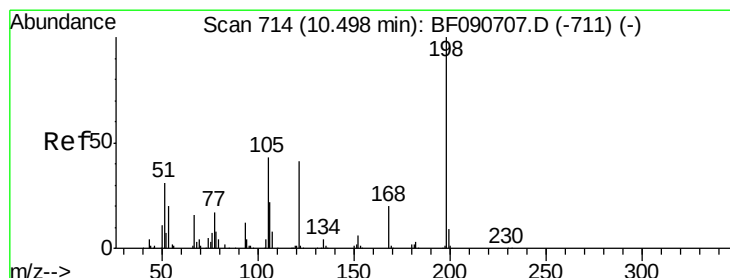
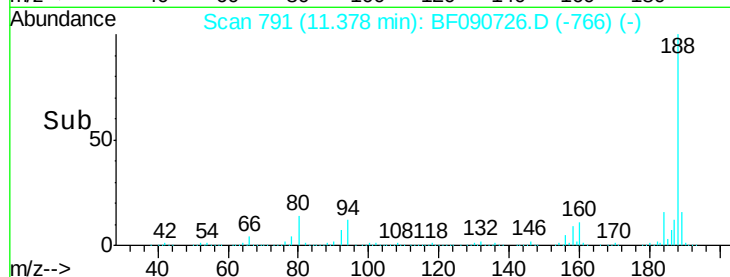
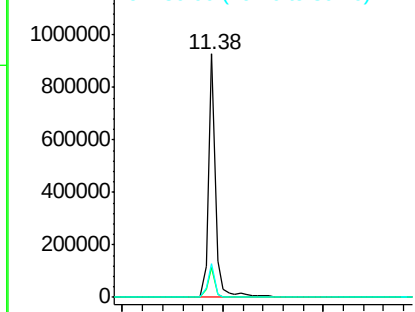
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

Instrument :
BNA_F
ClientSampleId :
FB-10172016

Tgt Ion:188 Resp: 911963
Ion Ratio Lower Upper
188 100
94 12.1 11.1 16.7
80 13.6 11.0 16.4

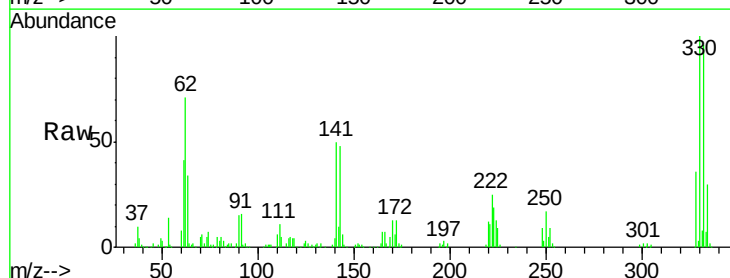


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

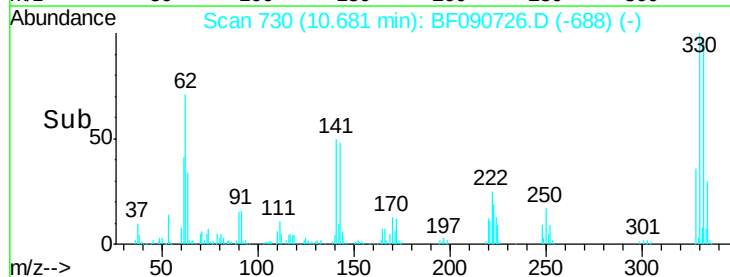
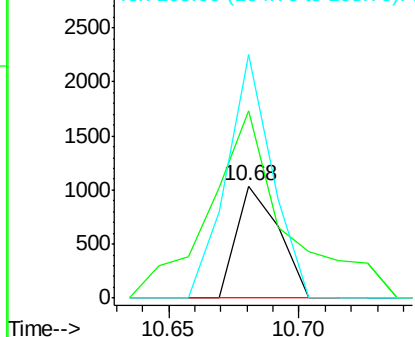


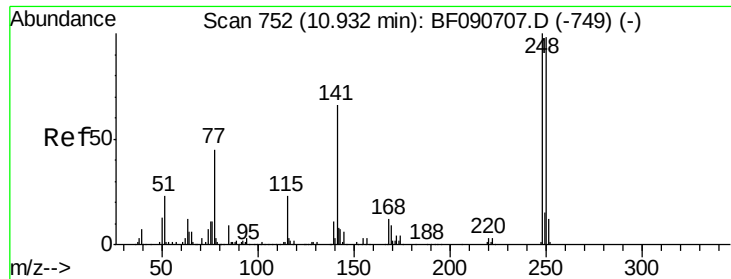
#64
4,6-Dinitro-2-methylphenol
Concen: 4.36 ng
RT: 10.68 min Scan# 730
Delta R.T. 0.18 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

Tgt Ion:198 Resp: 1166
Ion Ratio Lower Upper
198 100
51 167.4 39.6 79.6#
105 217.6 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

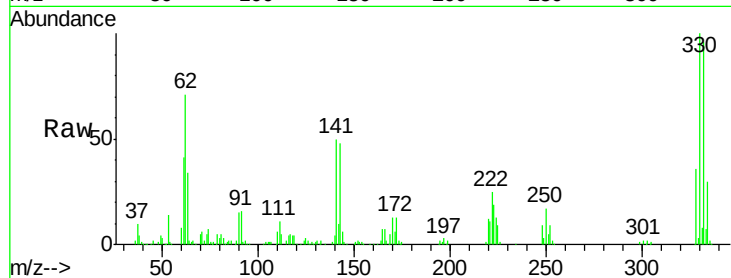




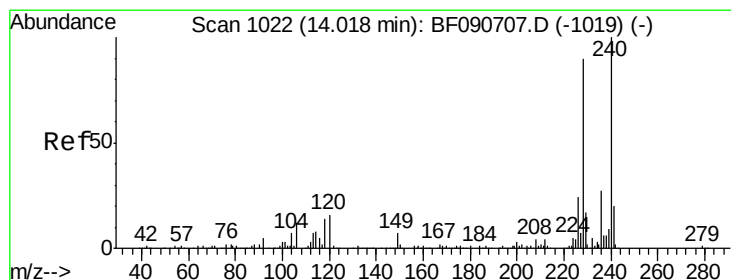
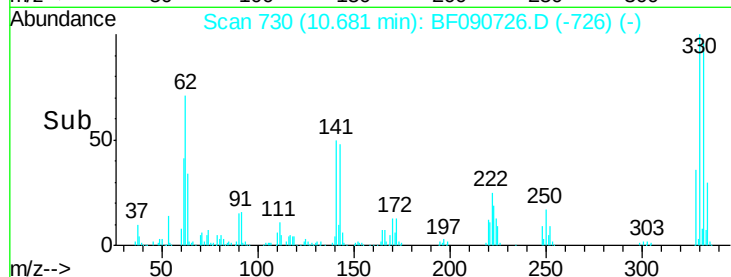
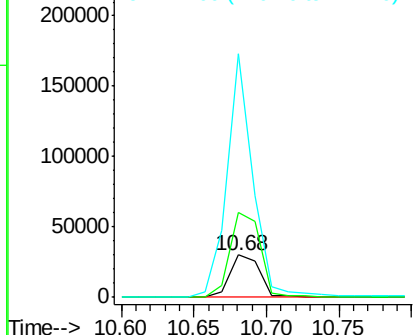
#66
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 10.68 min Scan# 730
Delta R.T. -0.25 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

Instrument :
BNA_F
ClientSampleId :
FB-10172016

Tgt Ion:248 Resp: 43348
Ion Ratio Lower Upper
248 100
250 198.2 78.5 117.7#
141 572.7 59.0 88.6#

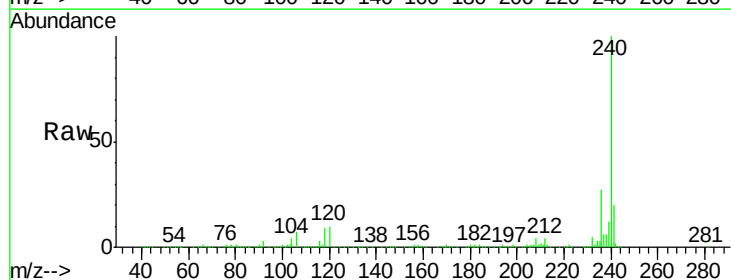


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

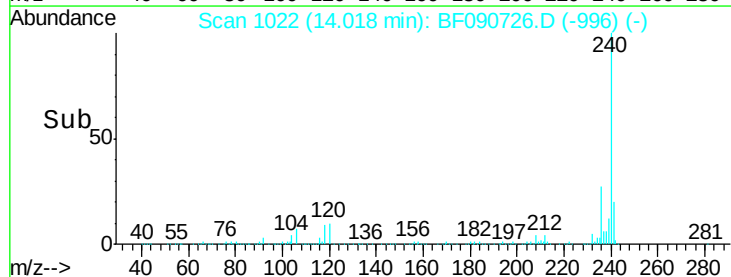
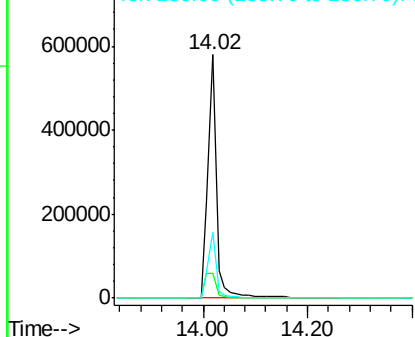


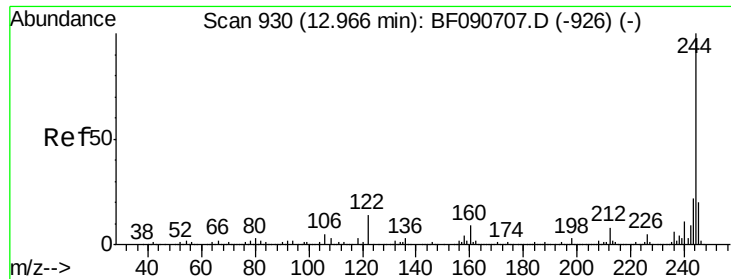
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

Tgt Ion:240 Resp: 666229
Ion Ratio Lower Upper
240 100
120 10.4 16.2 24.2#
236 27.1 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

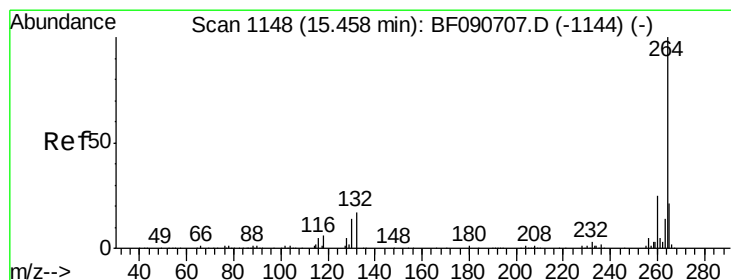
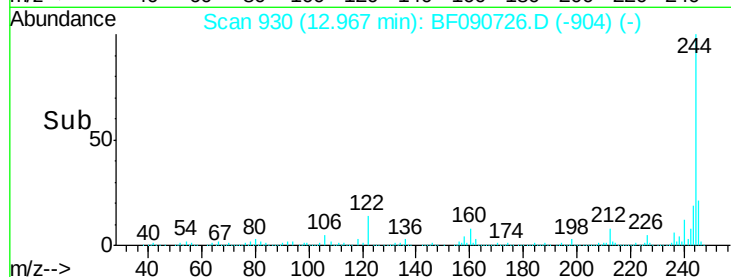
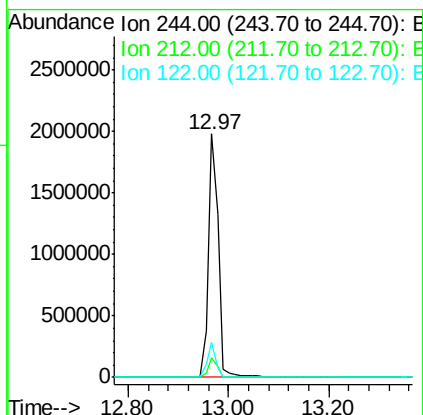
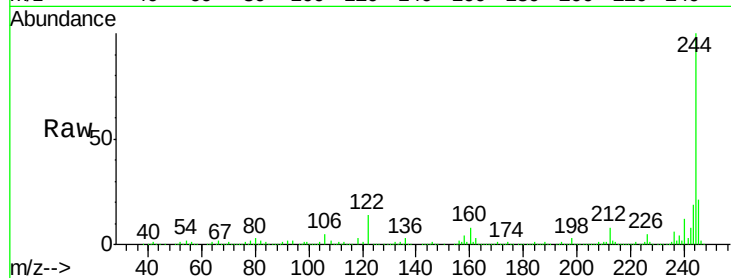




#78
 Terphenyl-d14
 Concen: 92.85 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090726.D
 Acq: 21 Oct 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 FB-10172016

Tgt Ion:244 Resp: 2699032
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 14.2 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: BF090726.D
 Acq: 21 Oct 2016 22:42

Tgt Ion:264 Resp: 450496
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1
 265 21.3 17.2 25.8

