

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088721.D
 Acq On : 6 Jul 2016 00:06
 Operator : UM/SJ
 Sample : H3881-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B1-6-12-C

Quant Time: Jul 06 01:41:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

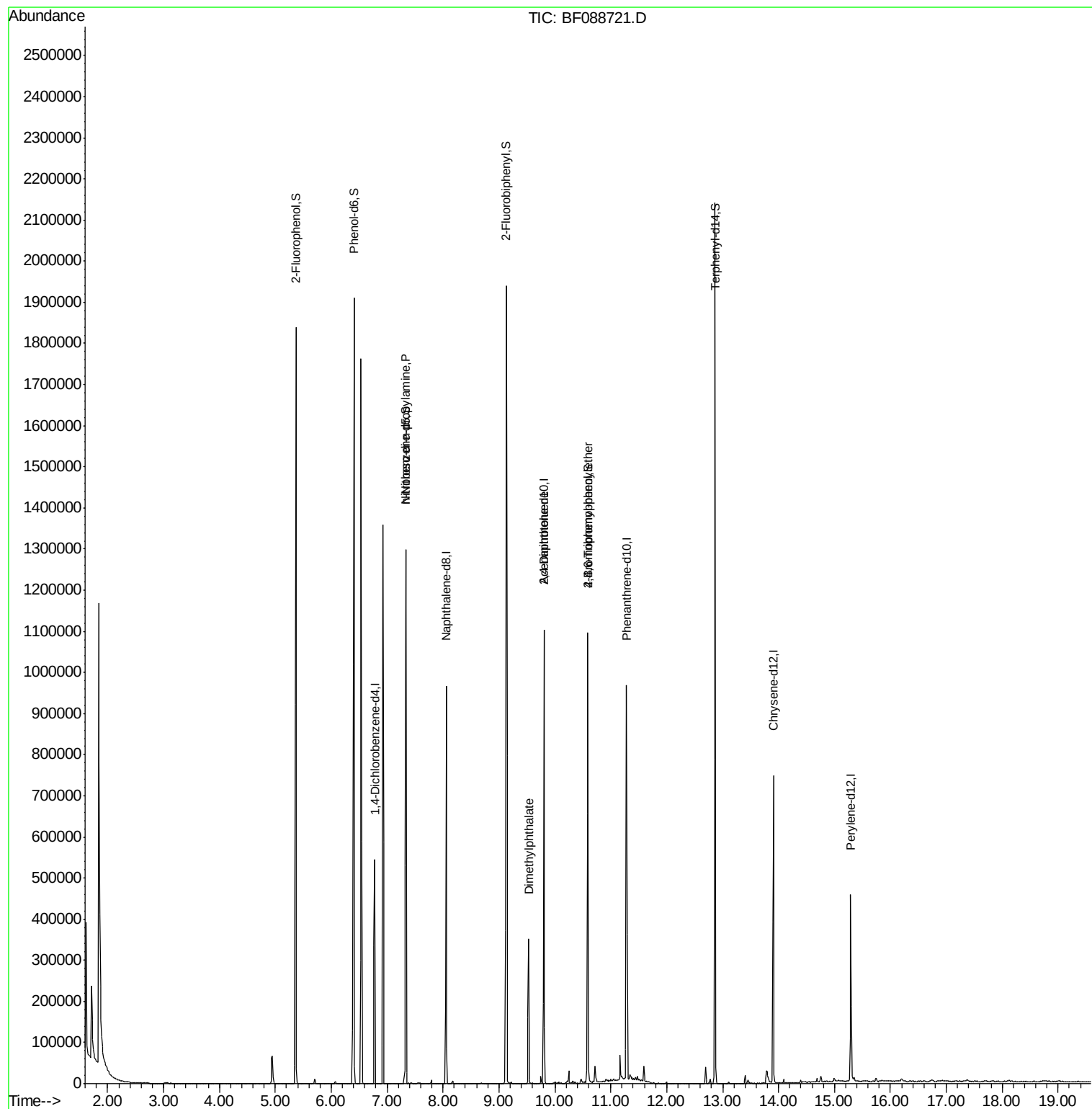
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	101784	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	420027	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	204819	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	369274	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	285751	20.00	ng	-0.01
86) Perylene-d12	15.29	264	189833	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	555001	81.72	ng	0.00
7) Phenol-d6	6.41	99	772401	88.02	ng	0.00
23) Nitrobenzene-d5	7.34	82	463559	57.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	155452	81.73	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	727347	56.09	ng	-0.01
78) Terphenyl-d14	12.87	244	651287	50.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	63245	10.73	ng	# 71
49) Dimethylphthalate	9.53	163	168823	11.57	ng	98
56) 2,4-Dinitrotoluene	9.80	165	26493	6.27	ng	# 38
66) 4-Bromophenyl-phenylether	10.59	248	9925	2.67	ng	# 1

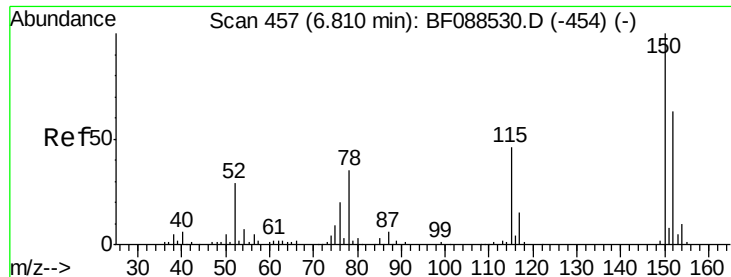
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

Instrument :

BNA_F

ClientSampleId :

Q6-B1-6-12-C

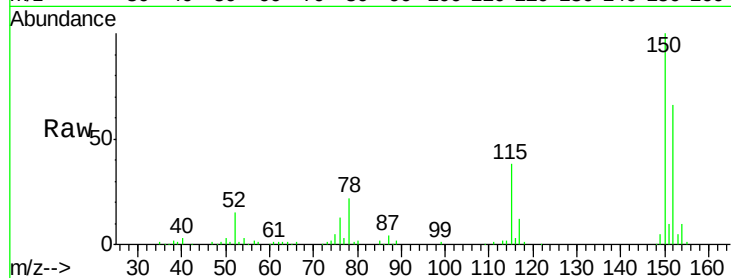
Tgt Ion:152 Resp: 101784

Ion Ratio Lower Upper

152 100

150 152.6 123.8 185.6

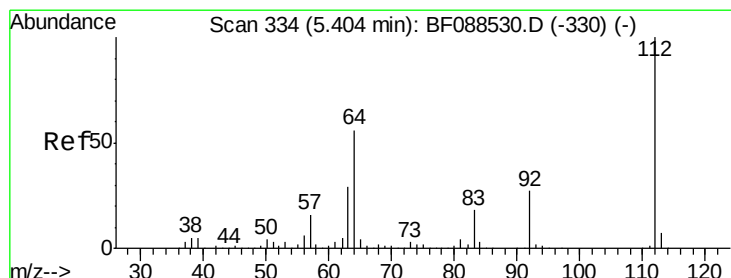
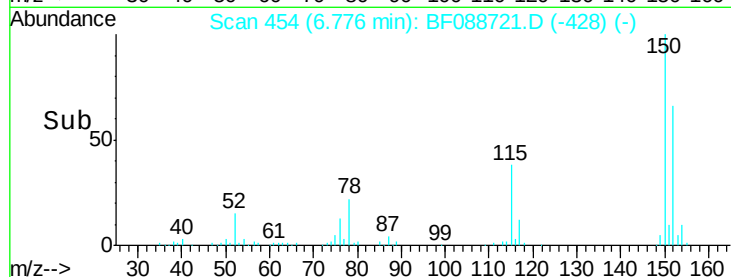
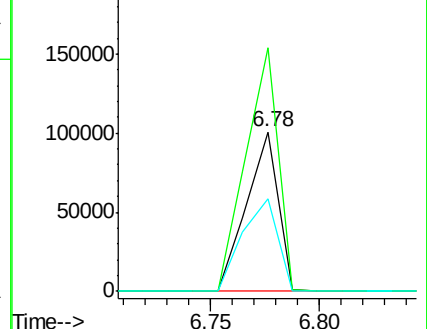
115 57.7 39.6 59.4



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: 81.72 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

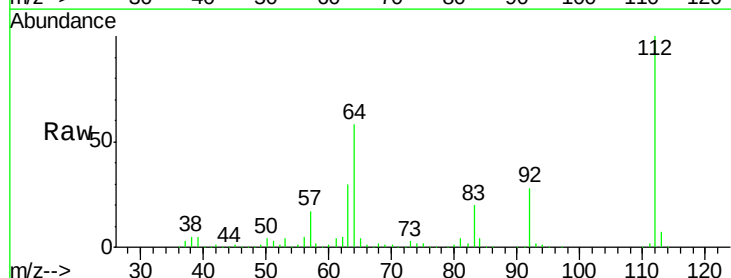
Tgt Ion:112 Resp: 555001

Ion Ratio Lower Upper

112 100

64 58.0 42.2 63.2

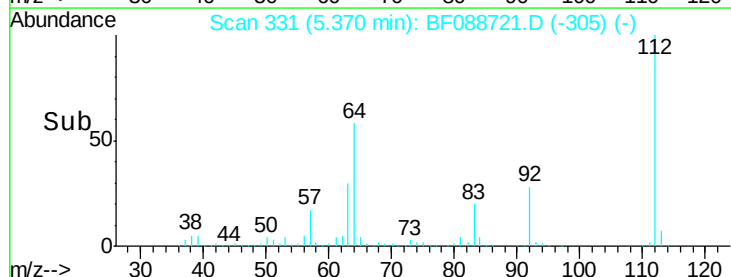
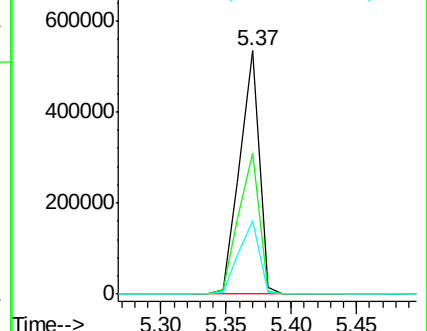
63 30.0 21.8 32.8

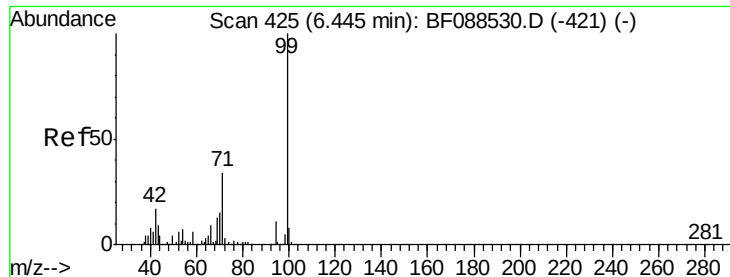


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.02 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

Instrument :

BNA_F

ClientSampleId :

Q6-B1-6-12-C

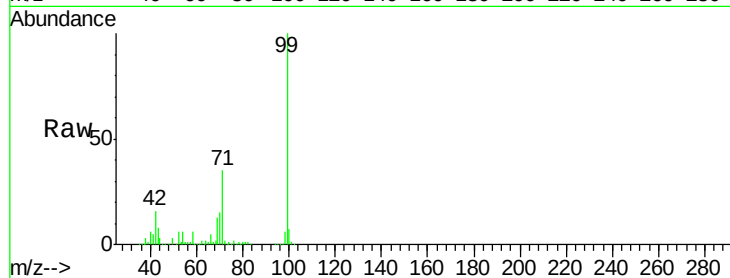
Tgt Ion: 99 Resp: 772401

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

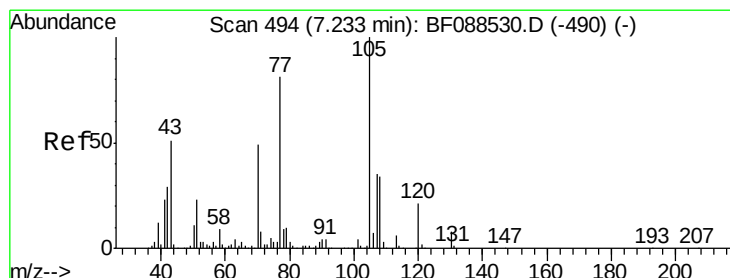
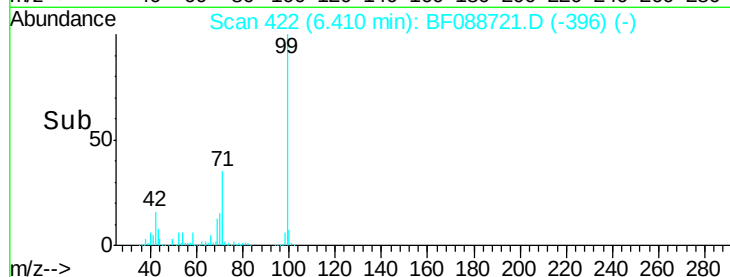
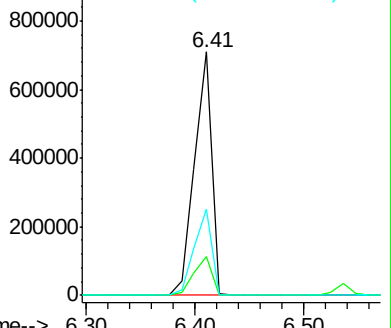
71 35.4 23.4 35.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.73 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.14 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

Tgt Ion: 70 Resp: 63245

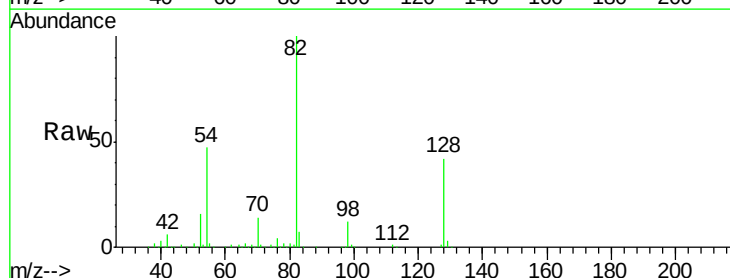
Ion Ratio Lower Upper

70 100

42 41.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

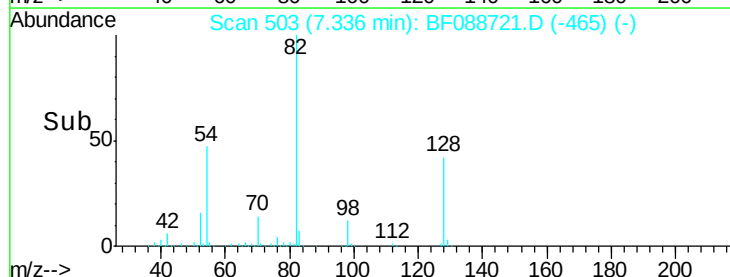
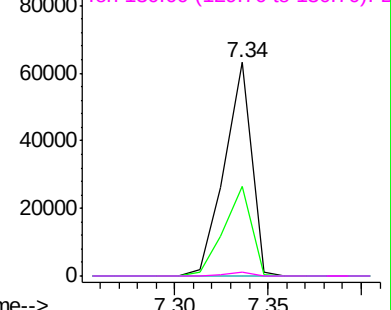


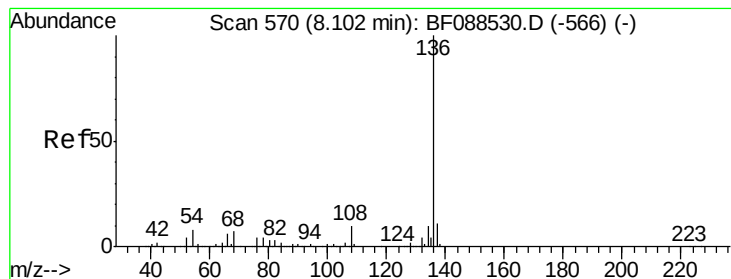
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

Instrument :

BNA_F

ClientSampleId :

Q6-B1-6-12-C

Tgt Ion:136 Resp: 420027

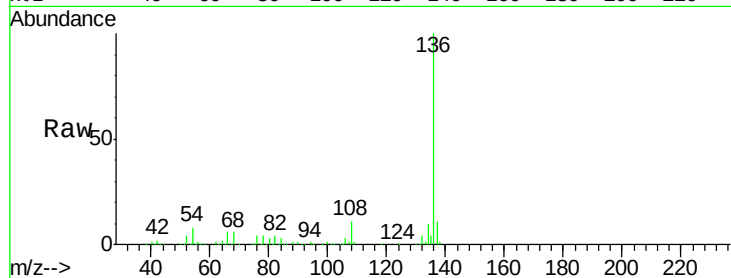
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.9 6.6 10.0

68 6.4 5.1 7.7

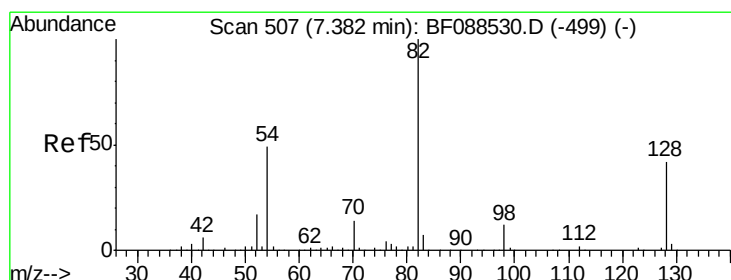
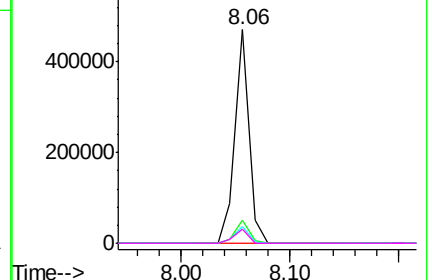
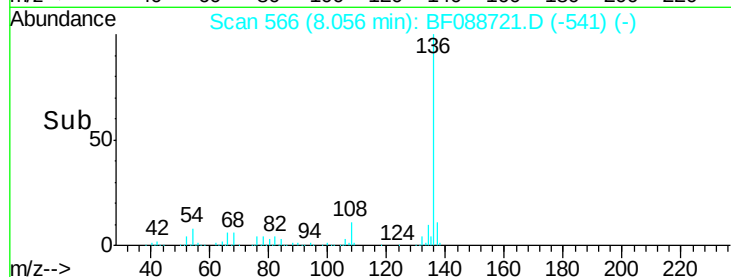


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.84 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

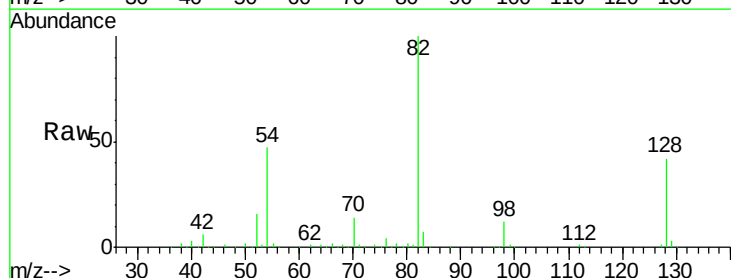
Tgt Ion: 82 Resp: 463559

Ion Ratio Lower Upper

82 100

128 42.0 35.9 53.9

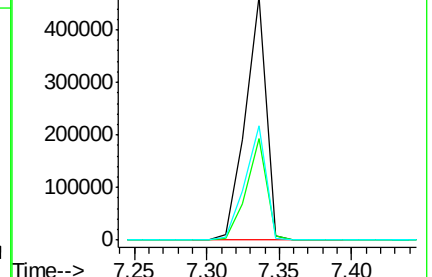
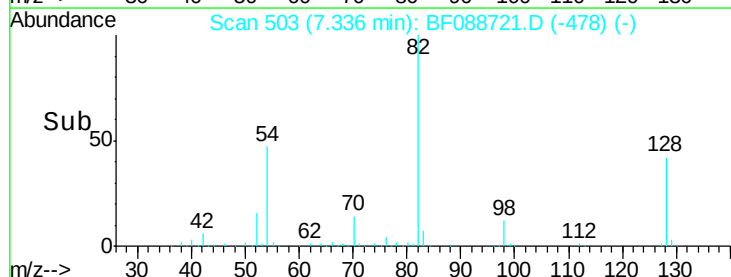
54 46.9 40.9 61.3

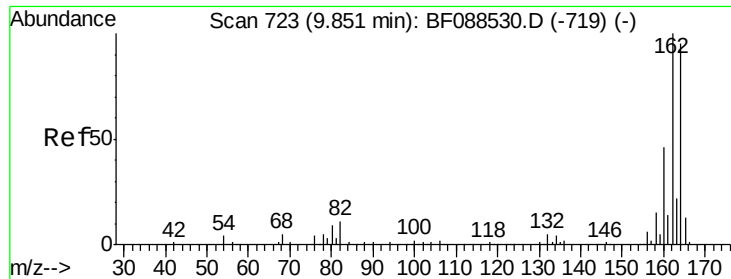


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

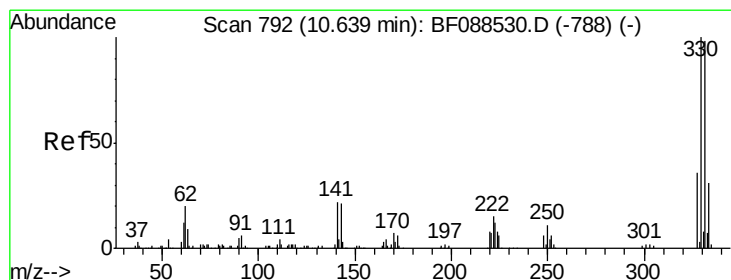
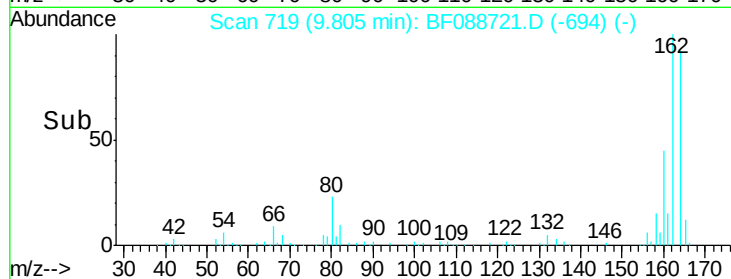
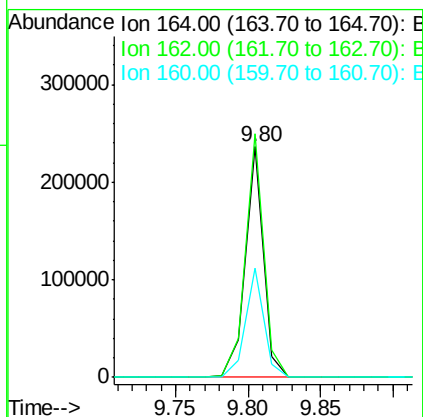
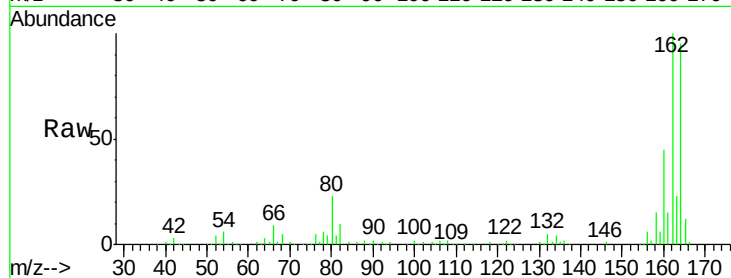




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

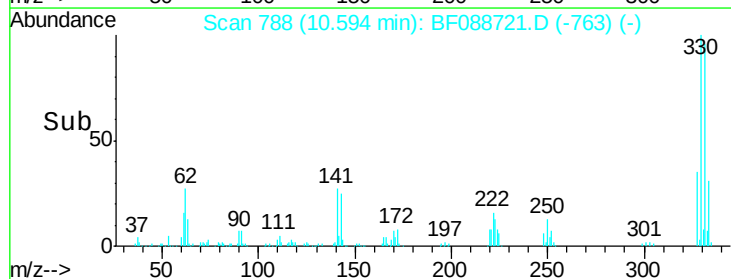
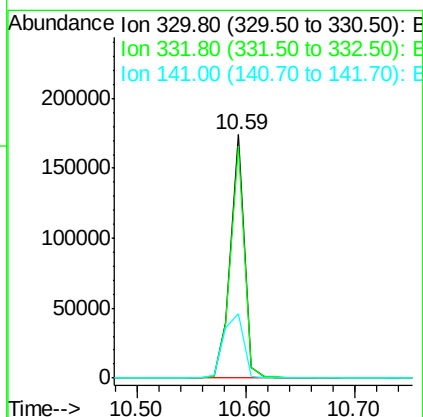
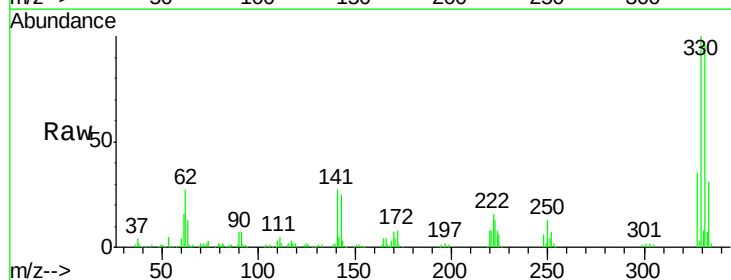
Instrument :
 BNA_F
 ClientSampleId :
 Q6-B1-6-12-C

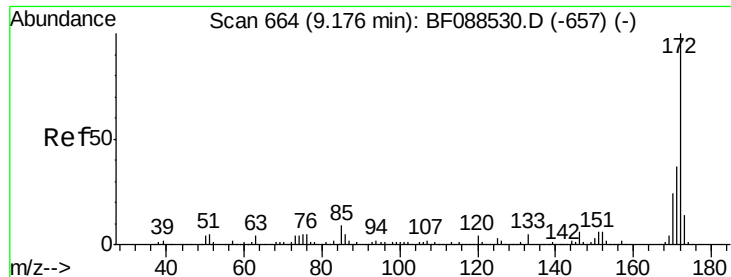
Tgt Ion:164 Resp: 204819
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.4 128.2
 160 47.2 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 81.73 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

Tgt Ion:330 Resp: 155452
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 38.1 0.0 0.0#

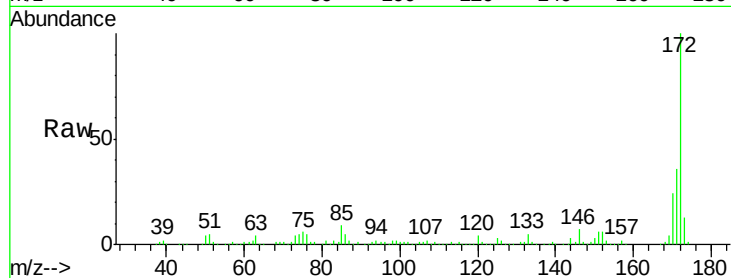




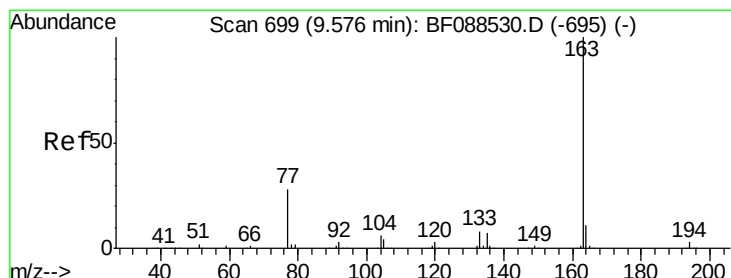
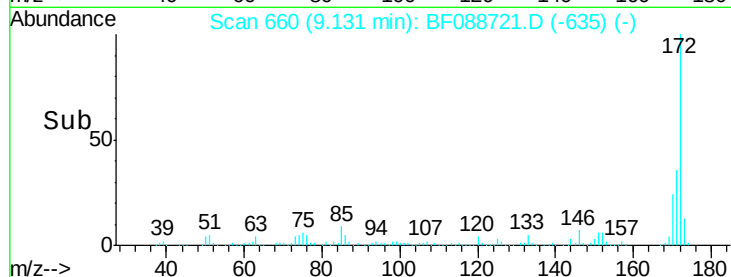
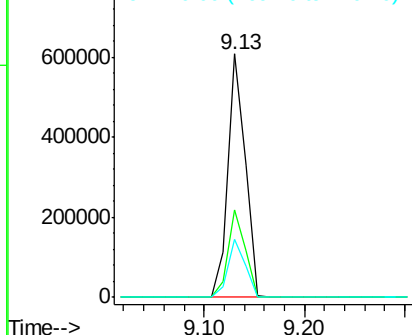
#44
 2-Fluorobiphenyl
 Concen: 56.09 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B1-6-12-C

Tgt Ion:172 Resp: 727347
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.7 19.2 28.8

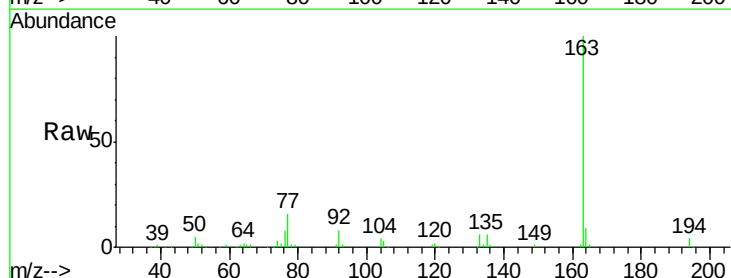


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

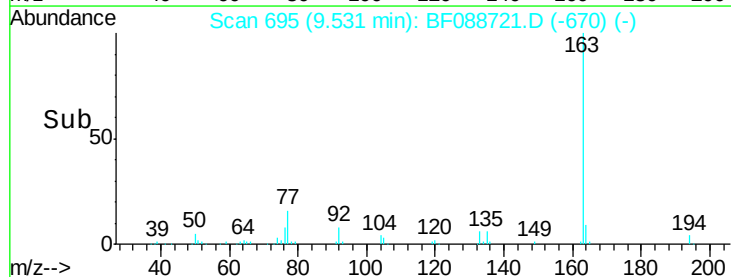
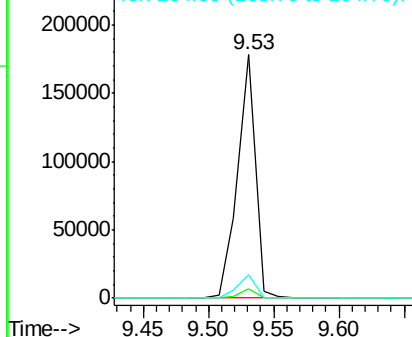


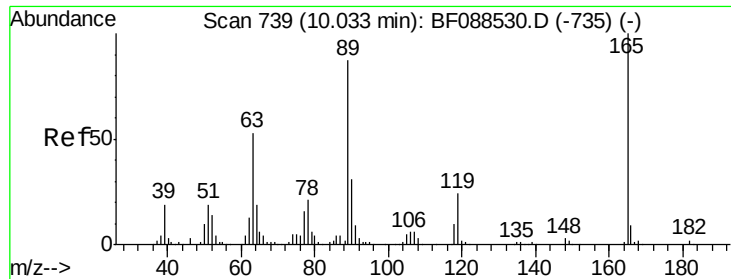
#49
 Dimethylphthalate
 Concen: 11.57 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

Tgt Ion:163 Resp: 168823
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.4 8.3 12.5



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

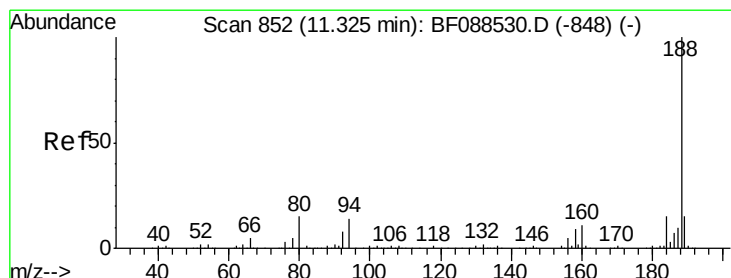
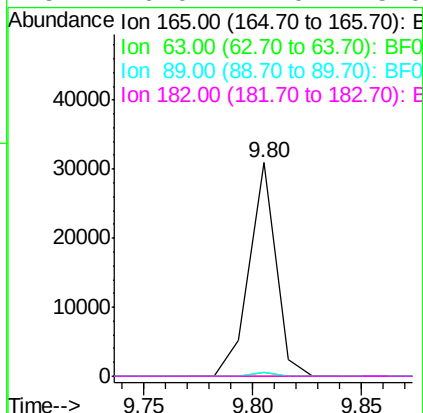
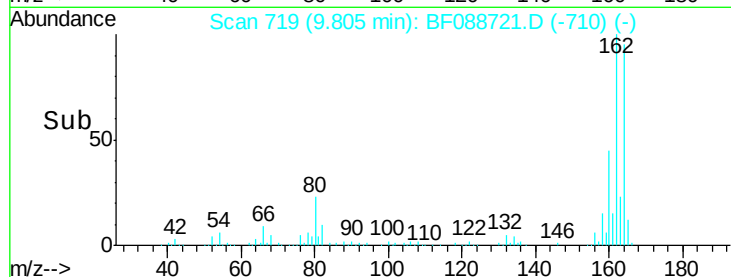
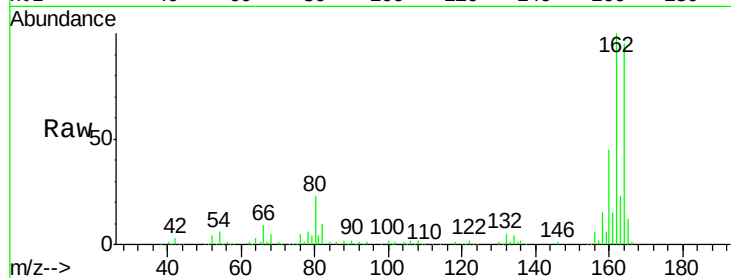




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.19 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

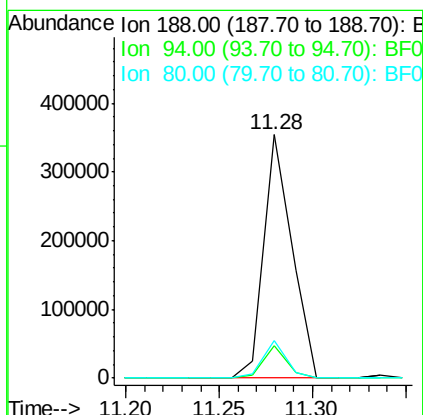
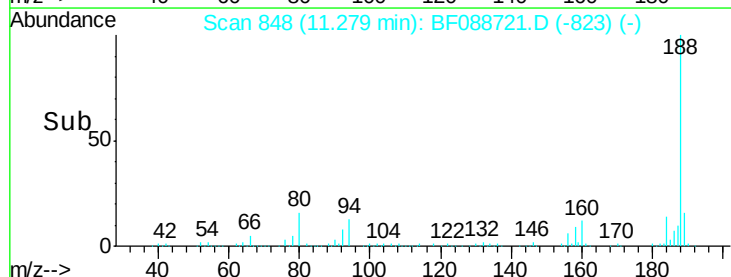
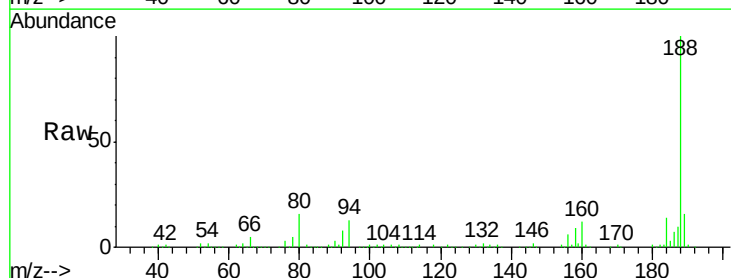
Instrument :
 BNA_F
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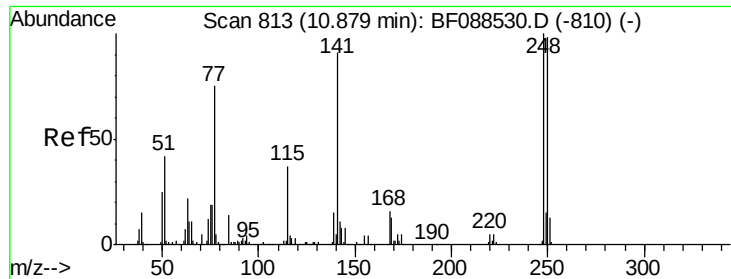
Tgt Ion:	165	Resp:	26493
Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

Tgt Ion:	188	Resp:	369274
Ion	Ratio	Lower	Upper
188	100		
94	13.3	9.0	13.6
80	15.7	10.0	15.0#

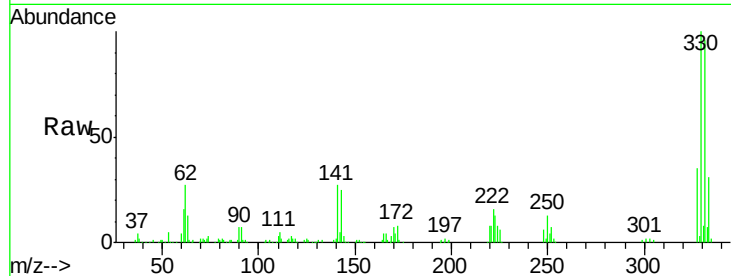




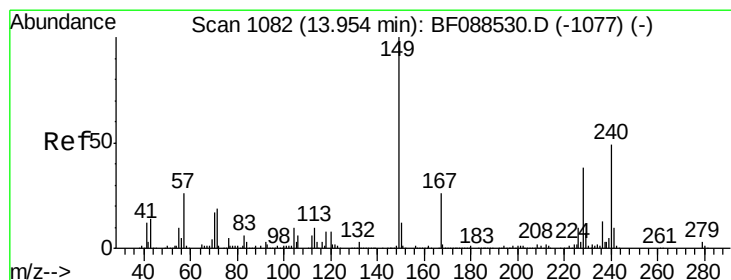
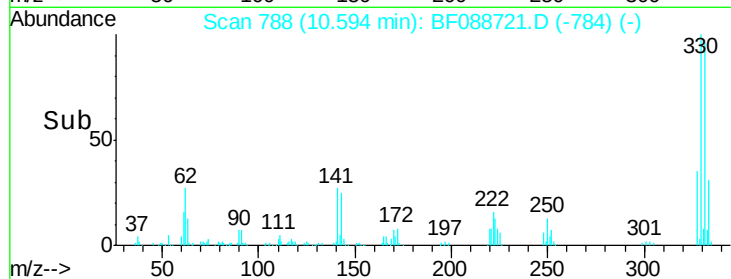
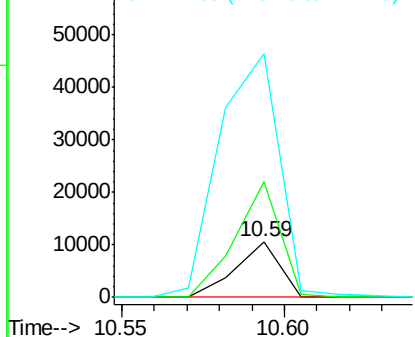
#66
4-Bromophenyl-phenylether
Concen: 2.67 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.25 min
Lab File: BF088721.D
Acq: 6 Jul 2016 00:06

Instrument :
BNA_F
ClientSampleId :
Q6-B1-6-12-C

Tgt Ion:248 Resp: 9925
Ion Ratio Lower Upper
248 100
250 205.9 77.1 115.7#
141 435.4 50.6 76.0#

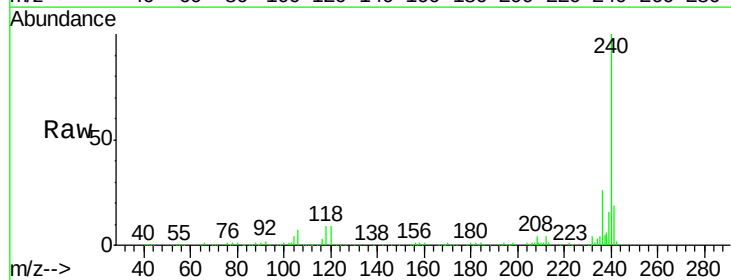


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

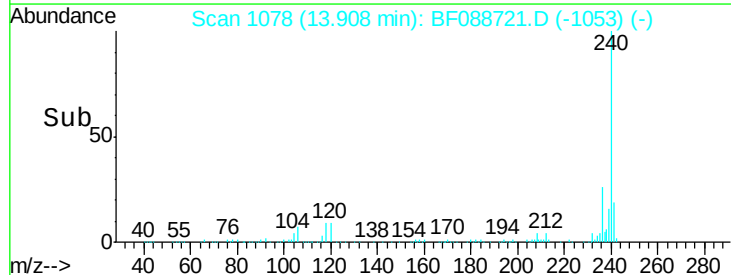
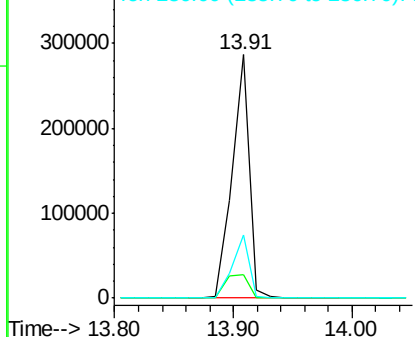


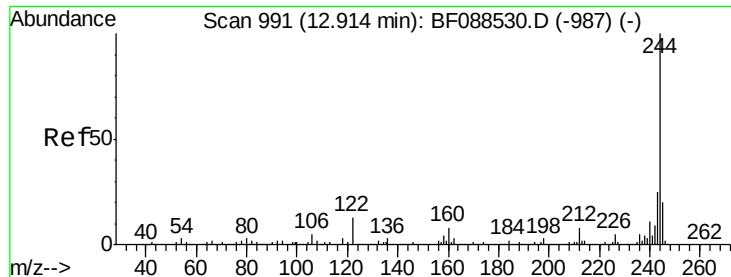
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF088721.D
Acq: 6 Jul 2016 00:06

Tgt Ion:240 Resp: 285751
Ion Ratio Lower Upper
240 100
120 9.4 6.8 10.2
236 26.0 20.2 30.2



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

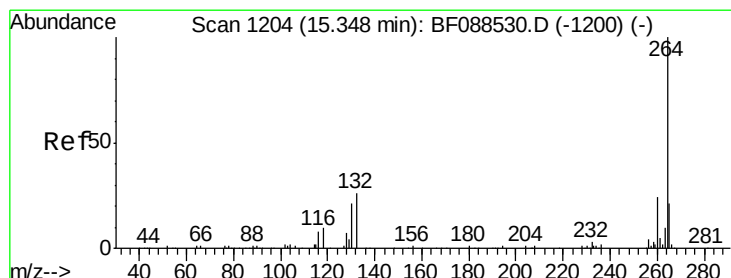
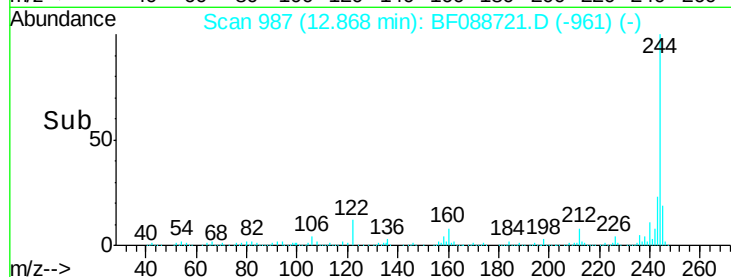
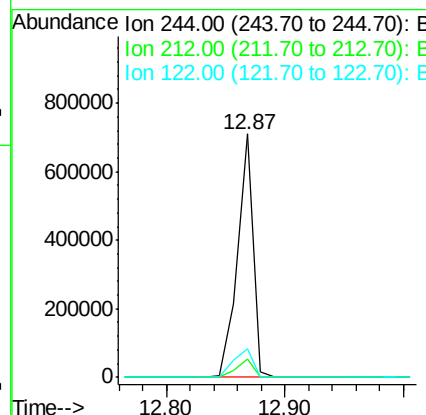
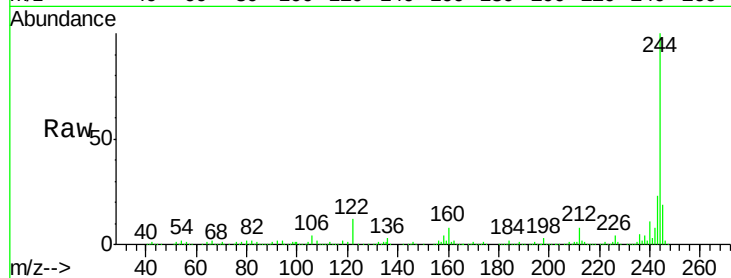




#78
 Terphenyl-d14
 Concen: 50.77 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B1-6-12-C

Tgt Ion:244 Resp: 651287
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 11.8 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

Tgt Ion:264 Resp: 189833
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 16.9 25.3

