

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088734.D
 Acq On : 6 Jul 2016 12:56
 Operator : UM/SJ
 Sample : PB91742BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BL

Quant Time: Jul 06 16:20:32 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

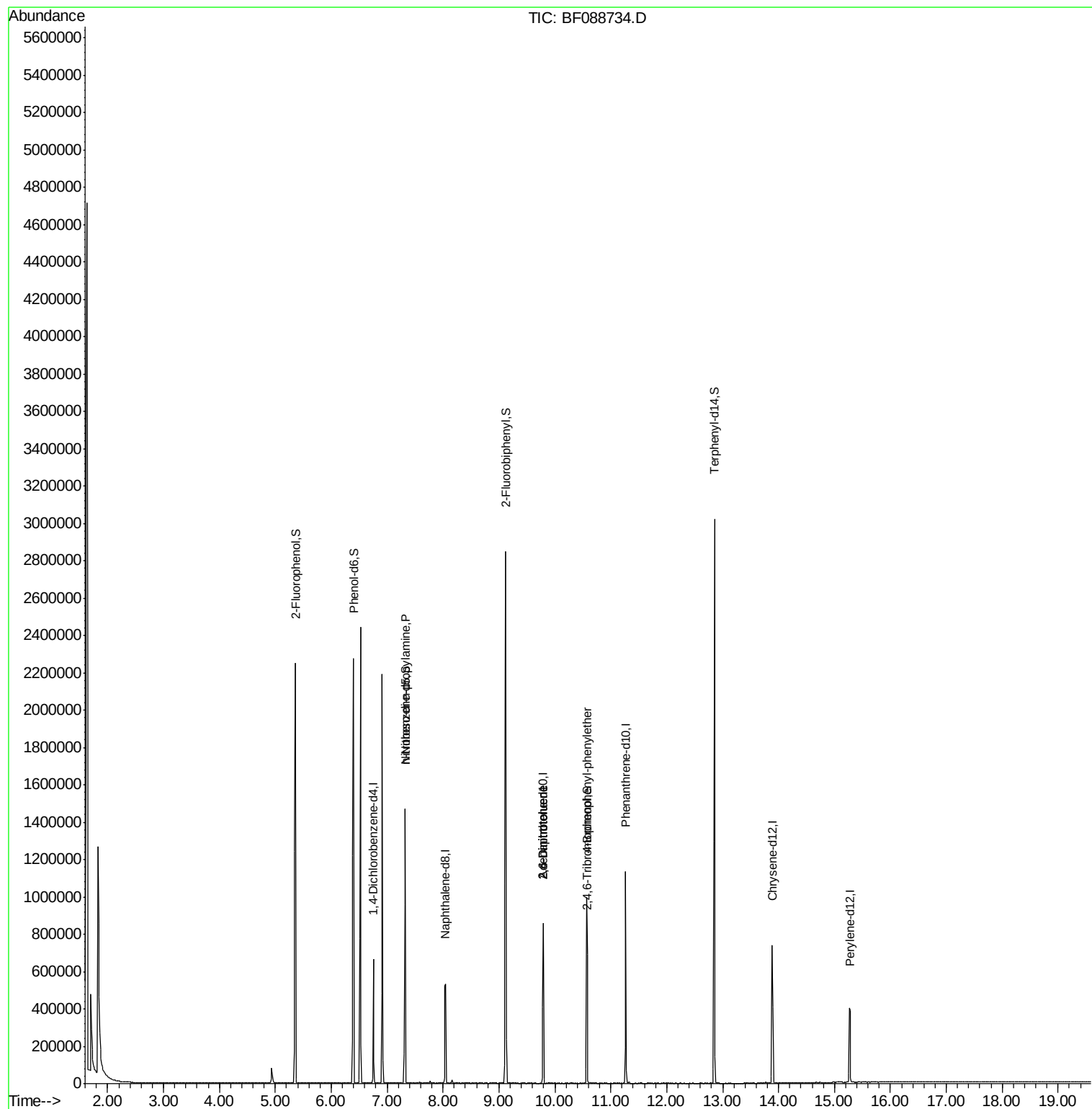
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	88457	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	372266	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	189029	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	367689	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	292230	20.00	ng	-0.03
86) Perylene-d12	15.28	264	216759	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	714769	121.10	ng	-0.01
7) Phenol-d6	6.40	99	924569	121.23	ng	-0.01
23) Nitrobenzene-d5	7.32	82	633708	89.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	160691	91.54	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	950126	79.40	ng	-0.02
78) Terphenyl-d14	12.86	244	968128	73.79	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	85603	16.71	ng	# 69
50) 2,6-Dinitrotoluene	9.79	165	23489	7.87	ng	# 40
56) 2,4-Dinitrotoluene	9.79	165	23489	6.02	ng	# 38
66) 4-Bromophenyl-phenylether	10.57	248	10079	2.72	ng	# 1

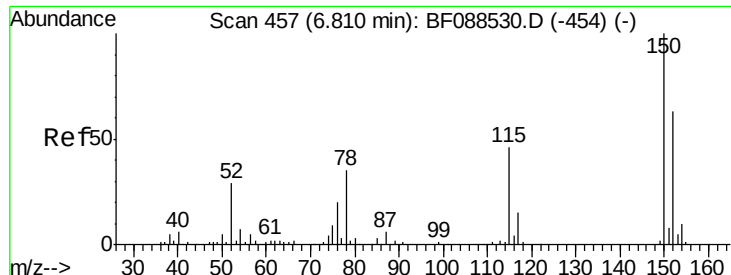
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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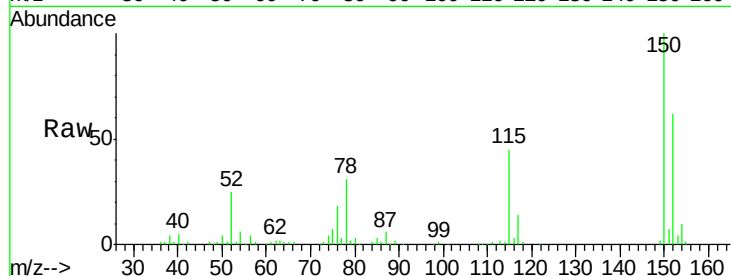


#1

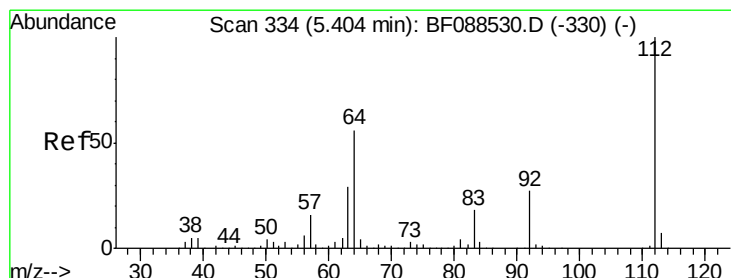
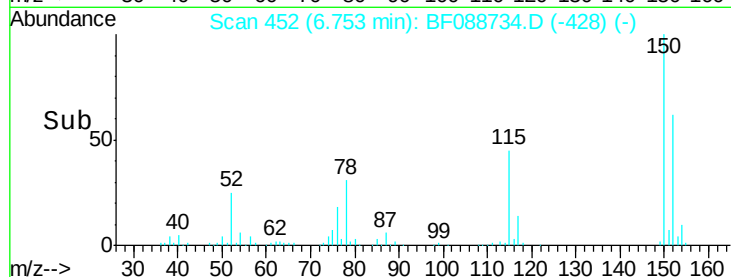
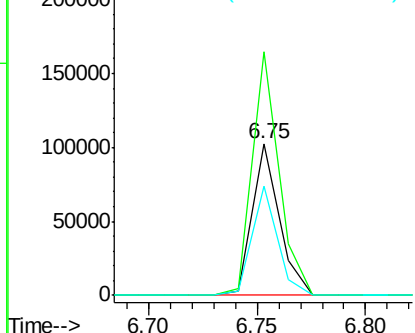
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF088734.D
Acq: 6 Jul 2016 12:56

Instrument :
BNA_F
ClientSampleId :
PB91742BL

Tot Ion:152 Resp: 88457
Ion Ratio Lower Upper
152 100
150 160.2 123.8 185.6
115 71.8 39.6 59.4#



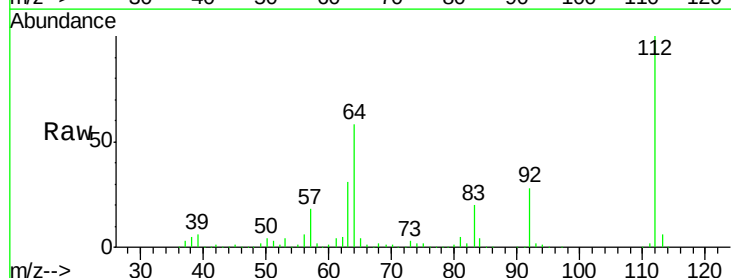
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



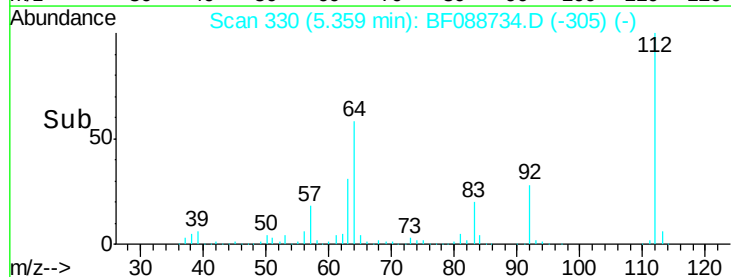
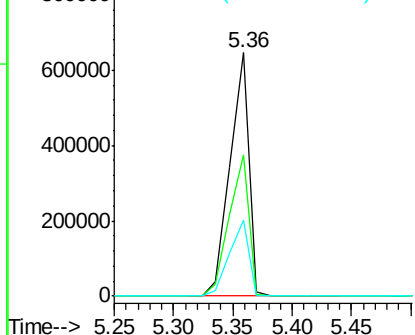
#5

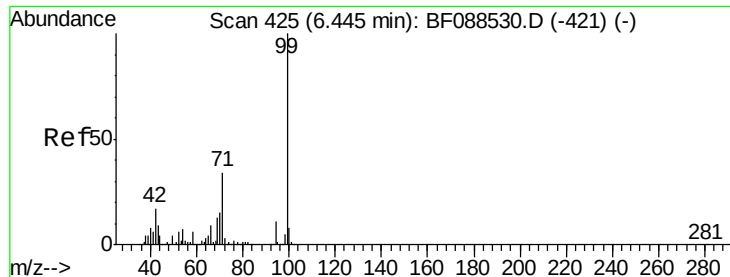
2-Fluorophenol
Concen: 121.10 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.01 min
Lab File: BF088734.D
Acq: 6 Jul 2016 12:56

Tgt Ion:112 Resp: 714769
Ion Ratio Lower Upper
112 100
64 57.9 42.2 63.2
63 31.1 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: 121.23 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088734.D

Acq: 6 Jul 2016 12:56

Instrument :

BNA_F

ClientSampleId :

PB91742BL

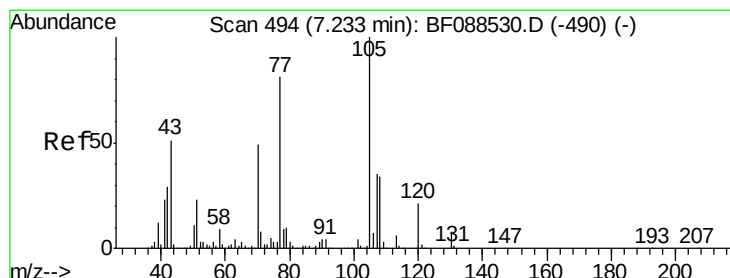
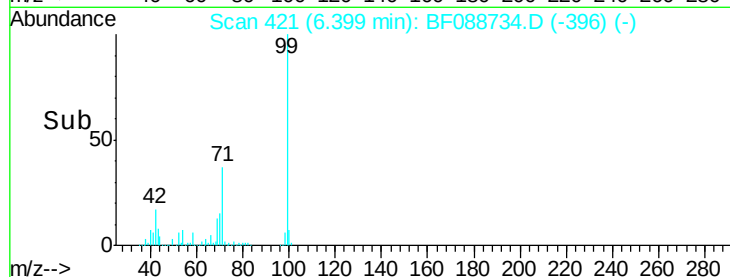
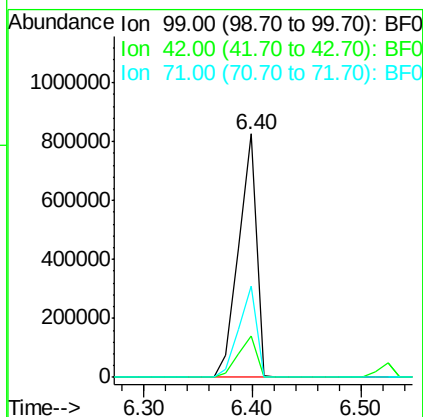
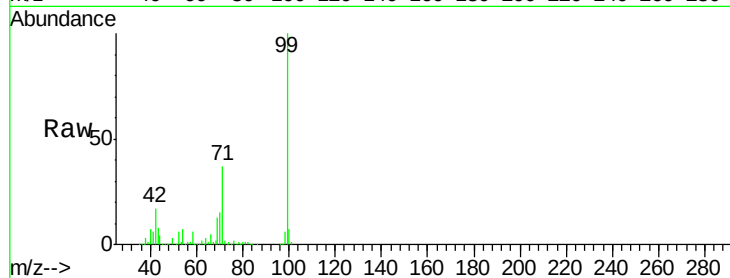
Tot Ion: 99 Resp: 924569

Ion Ratio Lower Upper

99 100

42 17.2 12.2 18.2

71 37.4 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 16.71 ng

RT: 7.32 min Scan# 502

Delta R.T. 0.13 min

Lab File: BF088734.D

Acq: 6 Jul 2016 12:56

Tgt Ion: 70 Resp: 85603

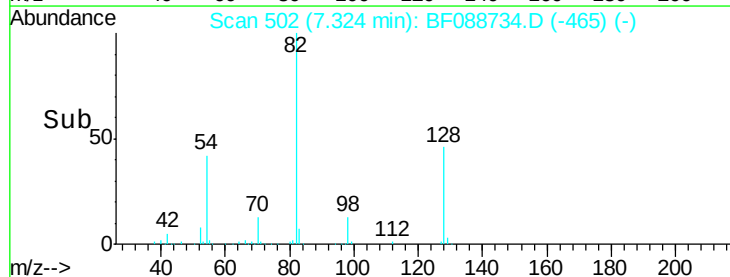
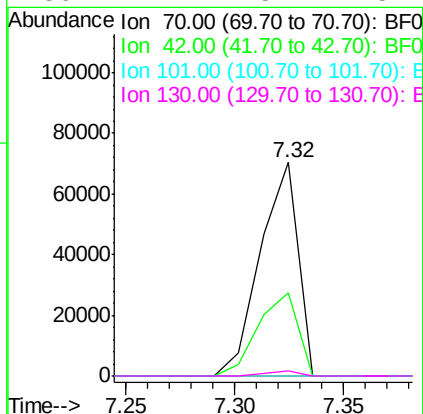
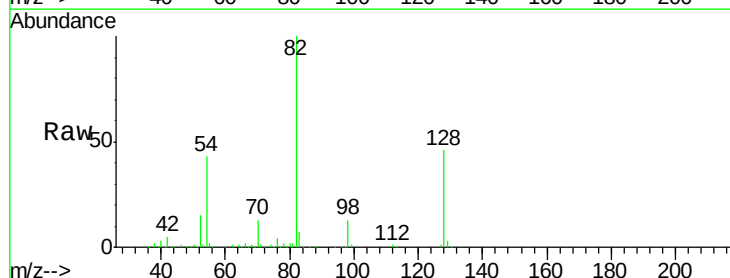
Ion Ratio Lower Upper

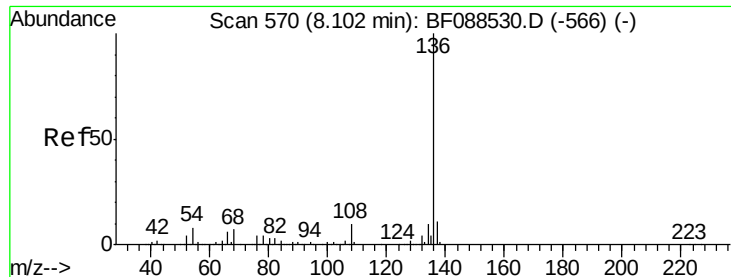
70 100

42 38.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 565

Delta R.T. -0.02 min

Lab File: BF088734.D

Acq: 6 Jul 2016 12:56

Instrument :

BNA_F

ClientSampleId :

PB91742BL

Tot Ion:136 Resp: 372266

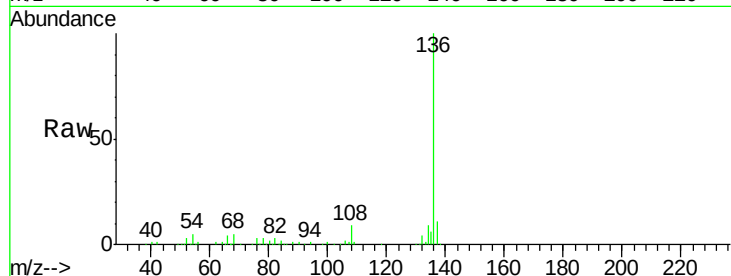
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.2 6.6 10.0#

68 4.6 5.1 7.7#

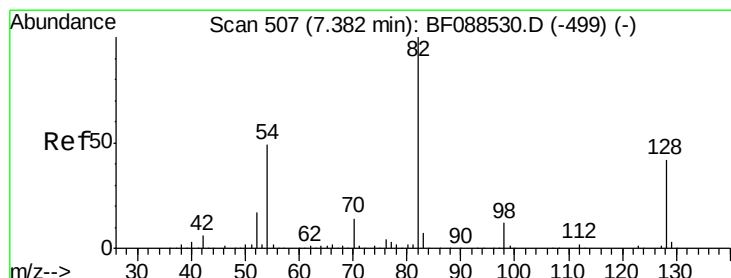
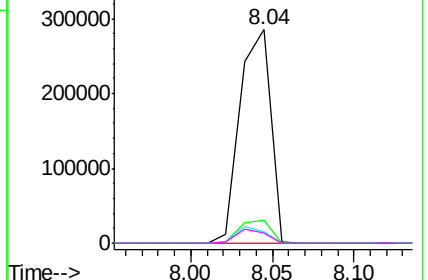
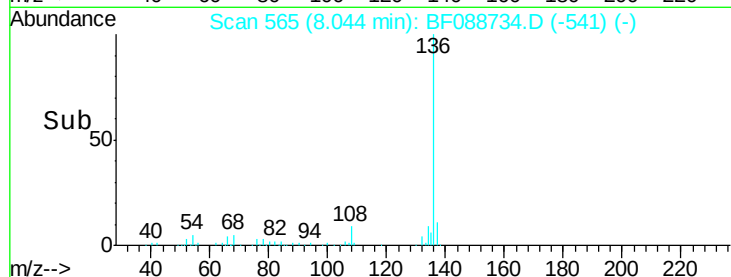


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.21 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF088734.D

Acq: 6 Jul 2016 12:56

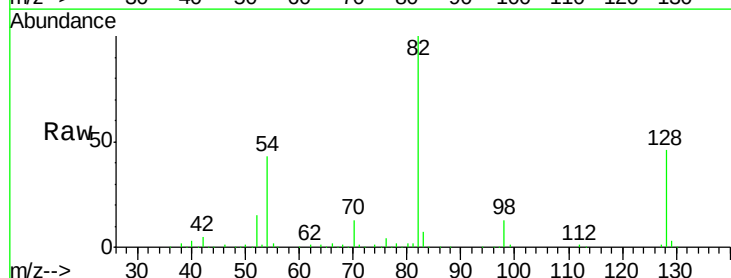
Tgt Ion: 82 Resp: 633708

Ion Ratio Lower Upper

82 100

128 46.5 35.9 53.9

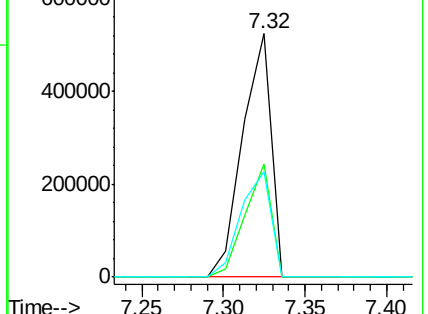
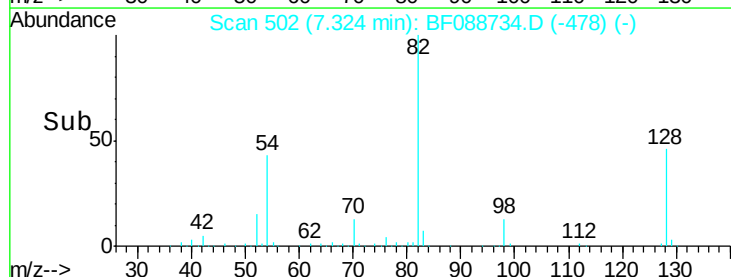
54 43.3 40.9 61.3

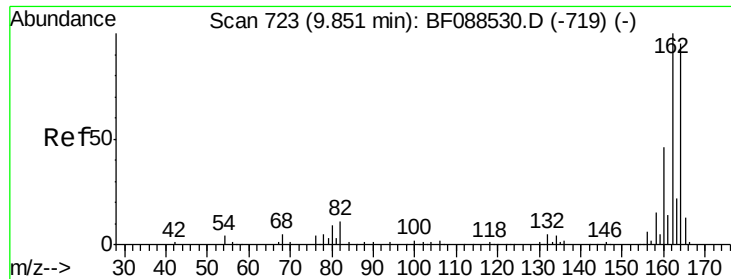


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

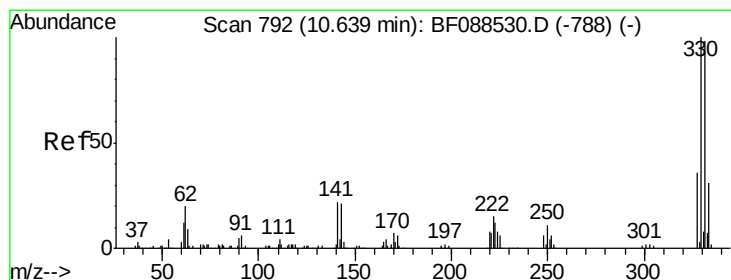
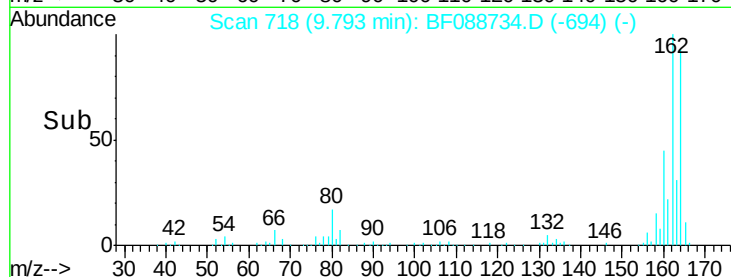
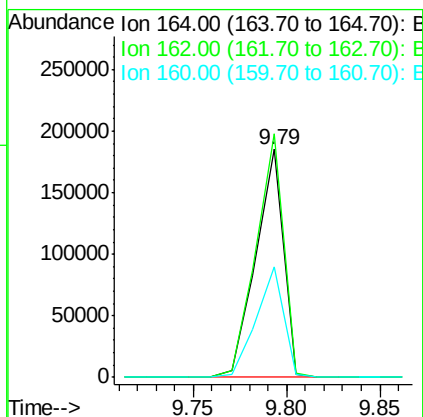
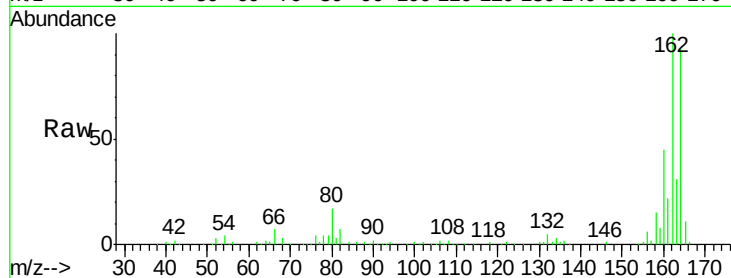




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

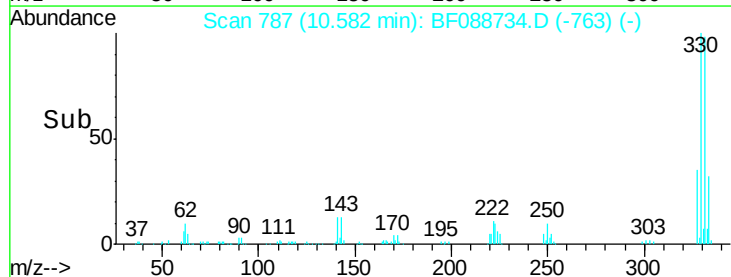
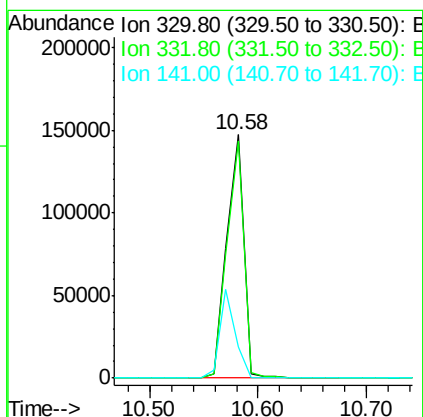
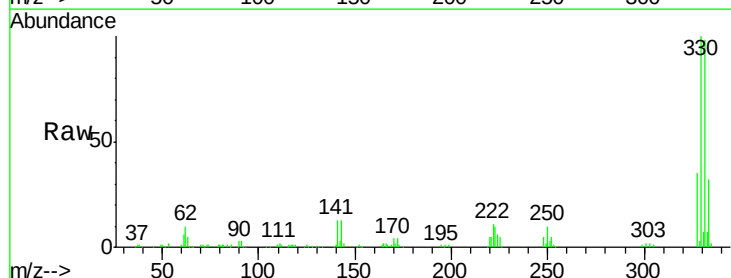
Instrument :
 BNA_F
 ClientSampleId :
 PB91742BL

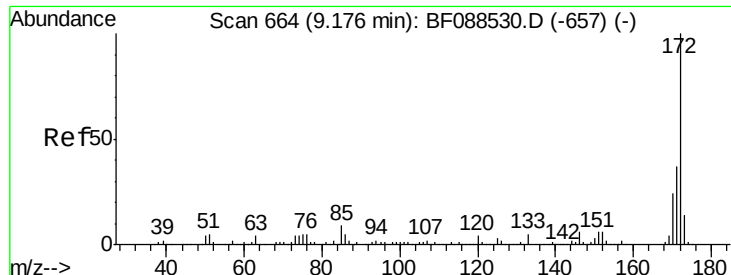
Tot Ion:164 Resp: 189029
 Ion Ratio Lower Upper
 164 100
 162 107.0 85.4 128.2
 160 48.5 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 91.54 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Tgt Ion:330 Resp: 160691
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 33.3 0.0 0.0#

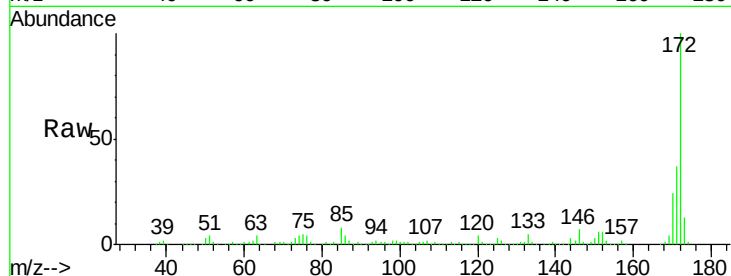




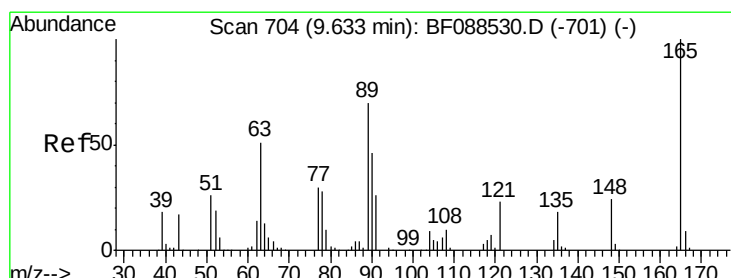
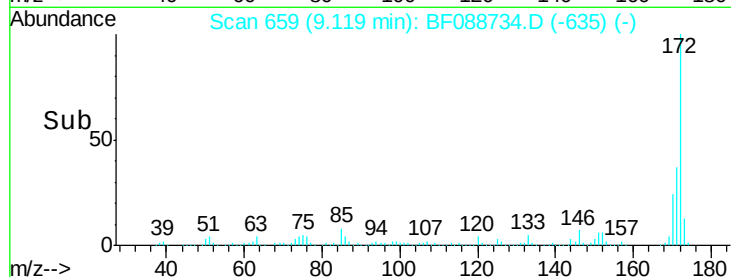
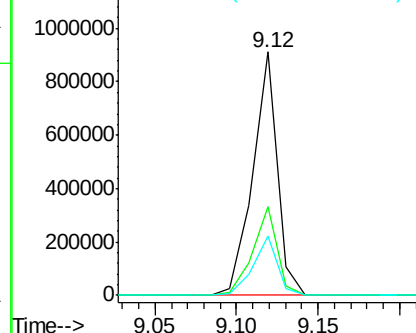
#44
 2-Fluorobiphenyl
 Concen: 79.40 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Instrument :
 BNA_F
 ClientSampled :
 PB91742BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.2	19.2	28.8

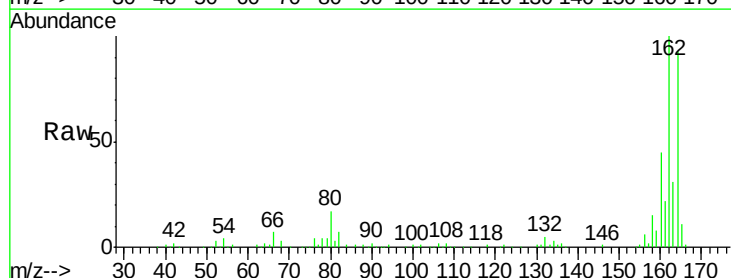


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

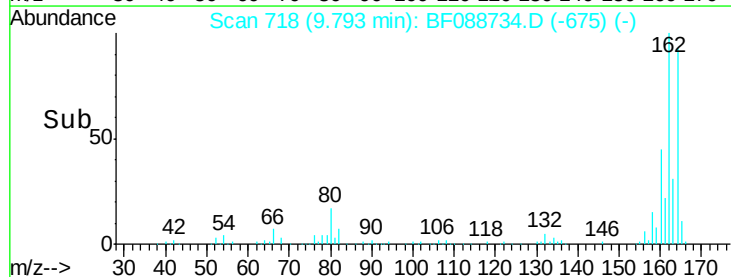
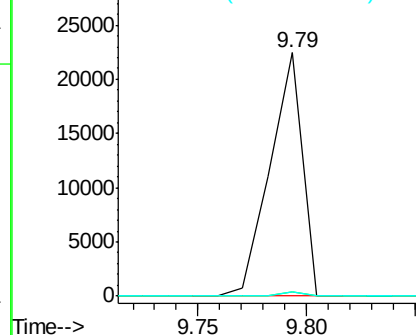


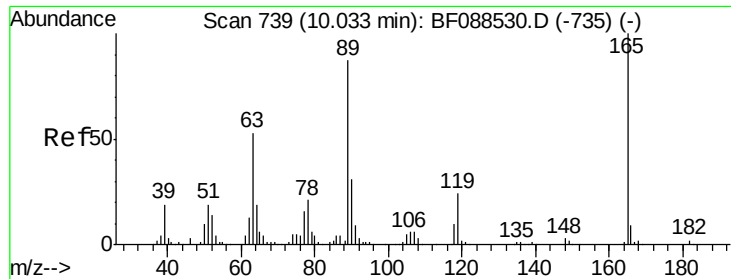
#50
 2,6-Dinitrotoluene
 Concen: 7.87 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.19 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	28.1	42.1#
89	1.5	32.2	48.2#



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

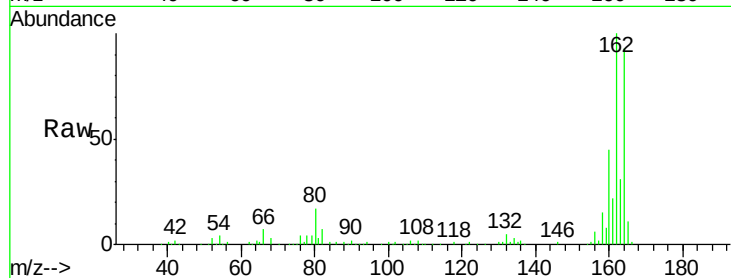




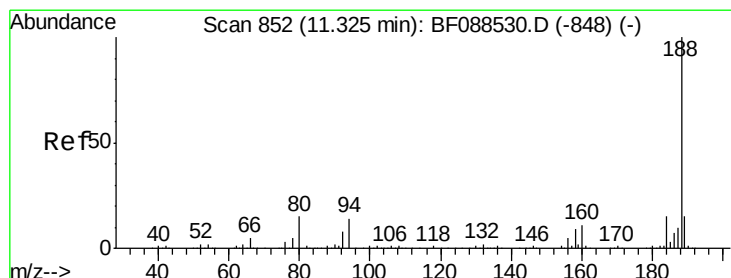
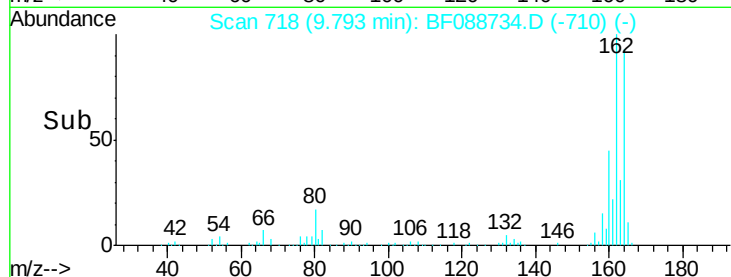
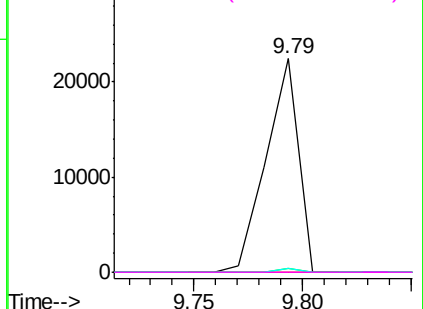
#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.79 min Scan# 718
 Delta R.T. -0.21 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BL

Tot Ion:165	Resp: 23489
Ion Ratio	Lower Upper
165 100	
63 1.6	22.0 33.0#
89 1.5	41.1 61.7#
182 0.0	2.0 3.0#

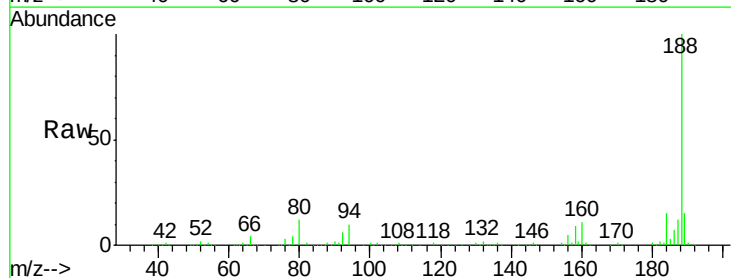


Abundance Ion 165.00 (164.70 to 165.70): E

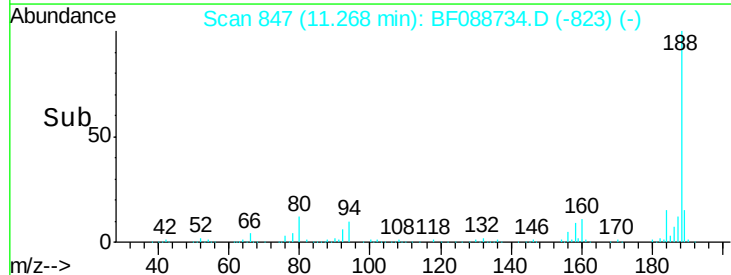
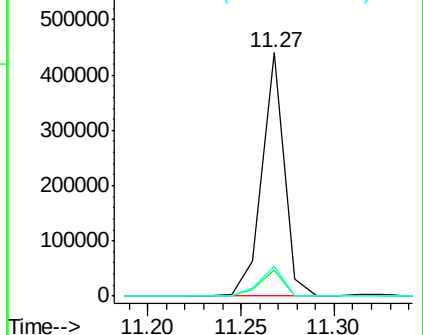


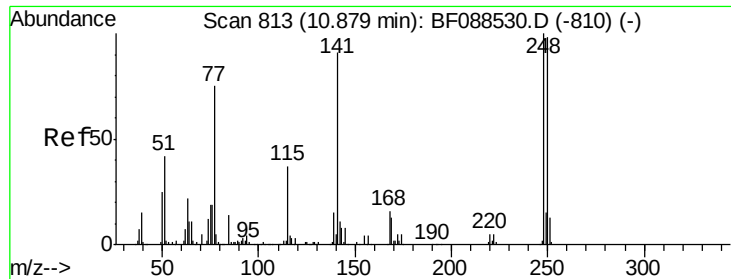
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Tgt Ion:188	Resp: 367689
Ion Ratio	Lower Upper
188 100	
94 10.5	9.0 13.6
80 12.1	10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

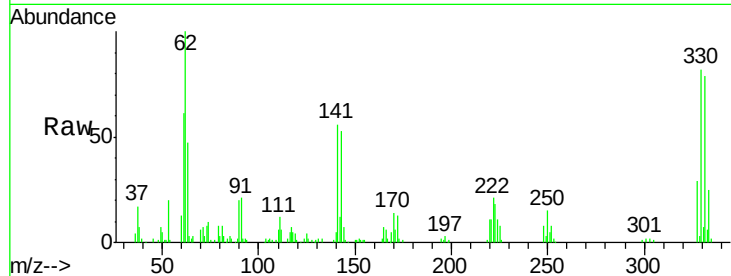




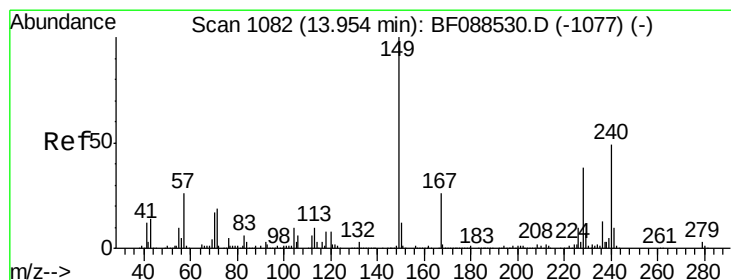
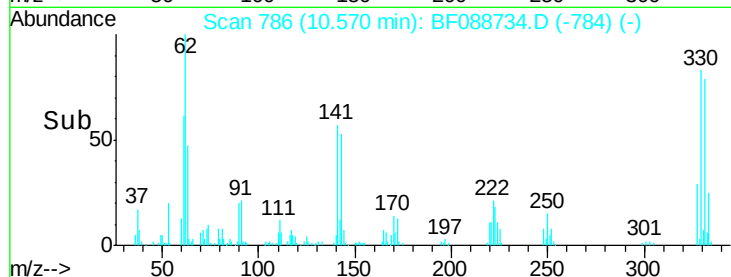
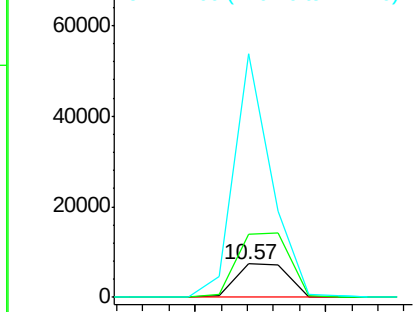
#66
4-Bromophenyl-phenylether
Concen: 2.72 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.27 min
Lab File: BF088734.D
Acq: 6 Jul 2016 12:56

Instrument :
BNA_F
ClientSampleId :
PB91742BL

Tot Ion:248 Resp: 10079
Ion Ratio Lower Upper
248 100
250 191.3 77.1 115.7#
141 736.5 50.6 76.0#

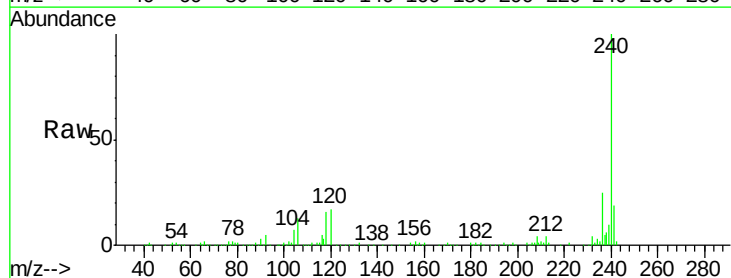


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

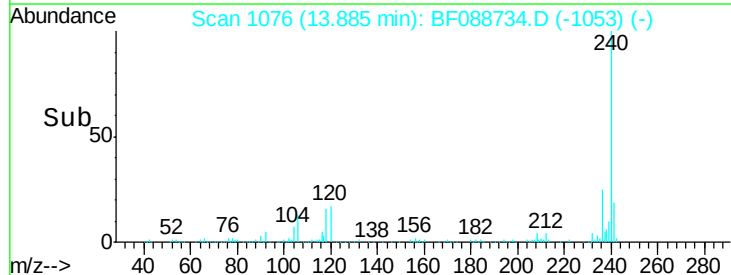
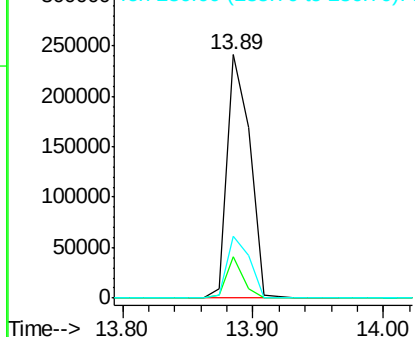


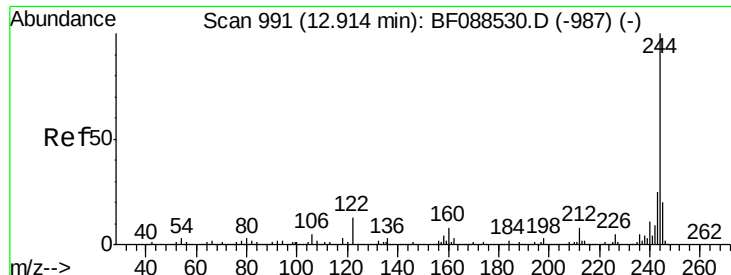
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.03 min
Lab File: BF088734.D
Acq: 6 Jul 2016 12:56

Tgt Ion:240 Resp: 292230
Ion Ratio Lower Upper
240 100
120 16.9 6.8 10.2#
236 25.5 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

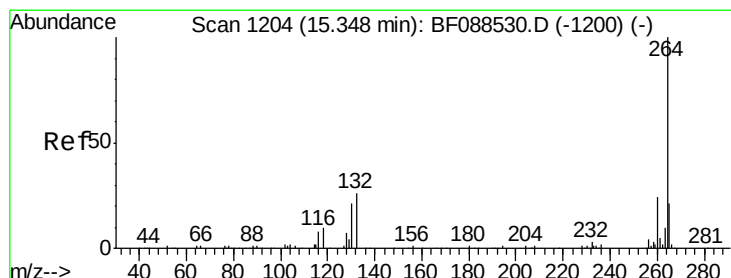
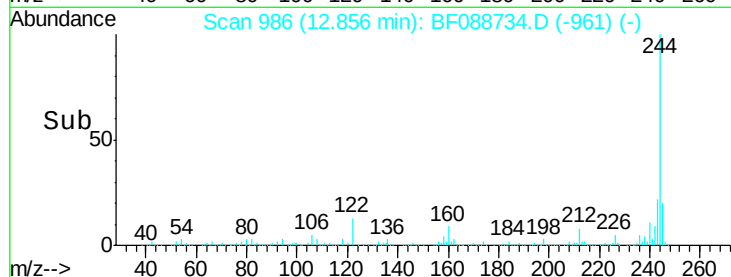
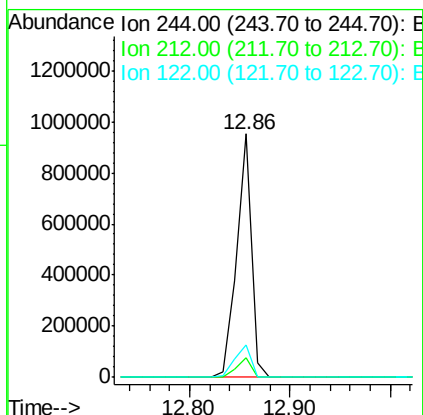
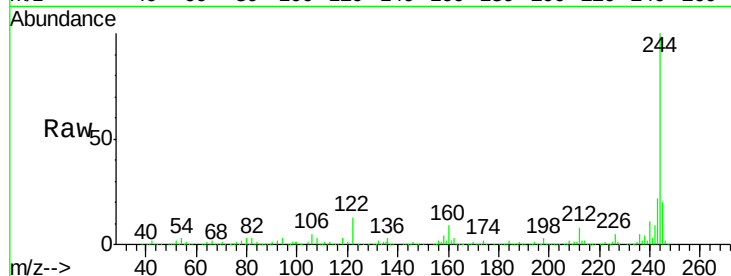




#78
 Terphenyl-d14
 Concen: 73.79 ng
 RT: 12.86 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BL

Tot Ion:244 Resp: 968128
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 13.3 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Tgt Ion:264 Resp: 216759
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.7 16.9 25.3

