

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088680.D
 Acq On : 4 Jul 2016 7:46
 Operator : UM/SJ
 Sample : H3856-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 08:49:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

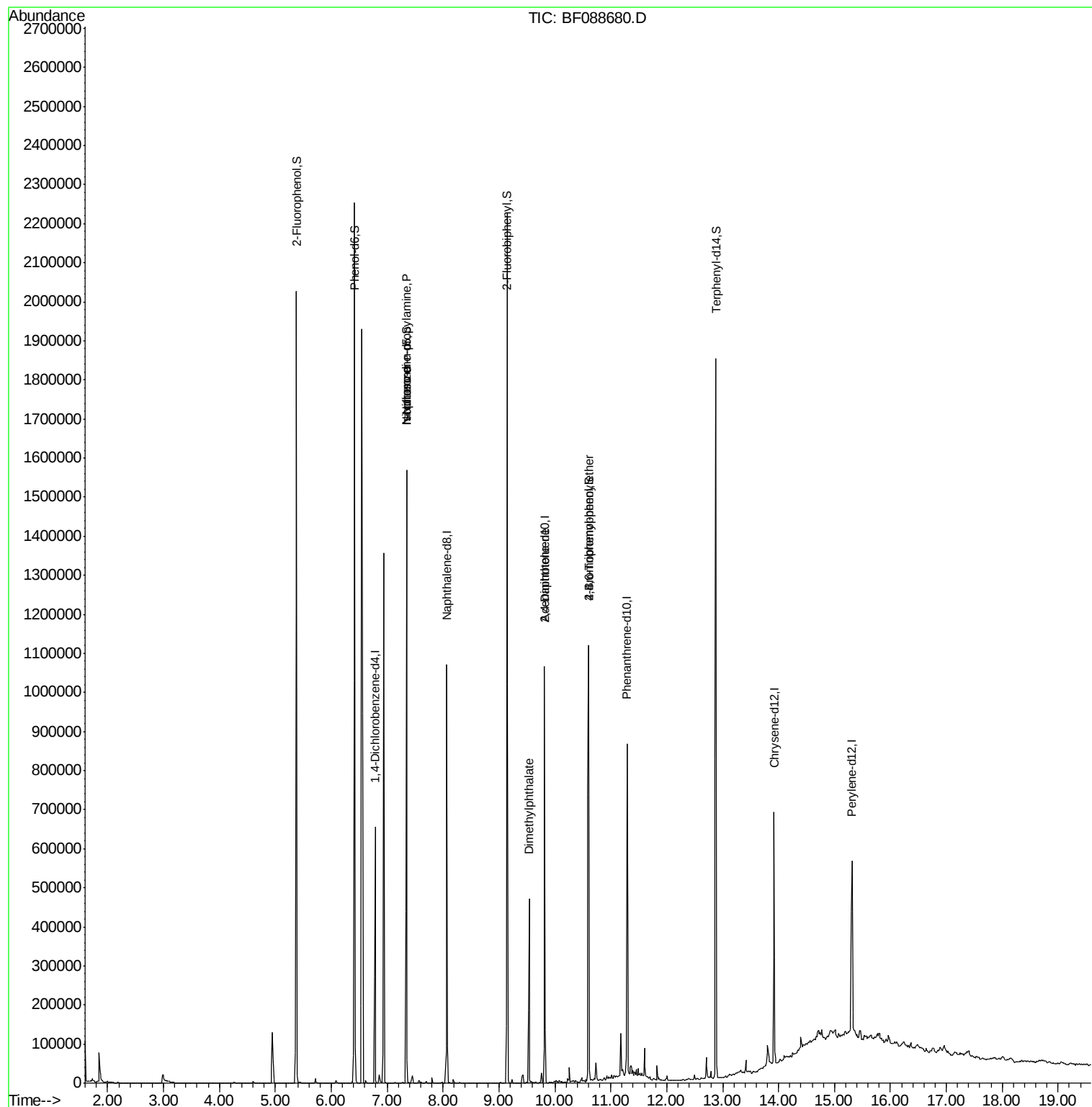
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106712	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	414323	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	180998	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	279373	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	214502	20.00	ng	-0.03
86) Perylene-d12	15.31	264	204692	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	669138	93.98	ng	-0.02
7) Phenol-d6	6.42	99	847690	92.14	ng	-0.02
23) Nitrobenzene-d5	7.35	82	509278	64.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	167945	99.92	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	790249	68.97	ng	-0.03
78) Terphenyl-d14	12.88	244	590432	61.31	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	69983	11.32	ng	# 71
25) Isophorone	7.35	82	399214	27.26	ng	# 65
49) Dimethylphthalate	9.54	163	212817	16.50	ng	98
56) 2,4-Dinitrotoluene	9.82	165	23663	6.33	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	10818	3.84	ng	# 1

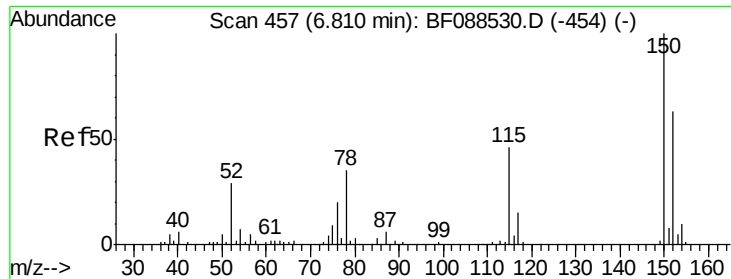
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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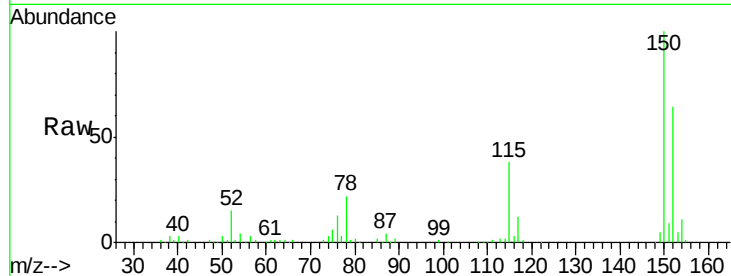


#1

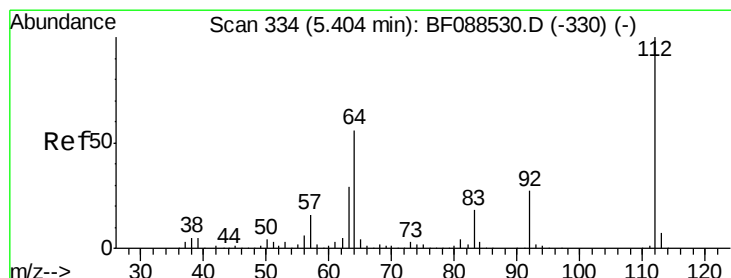
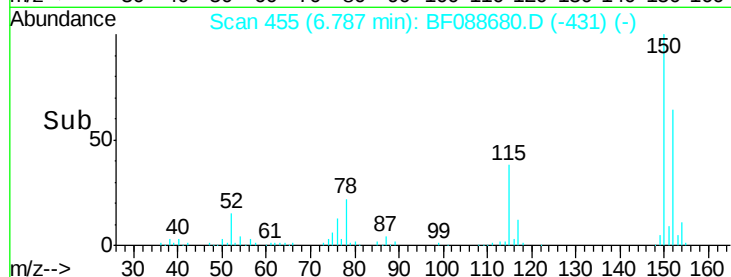
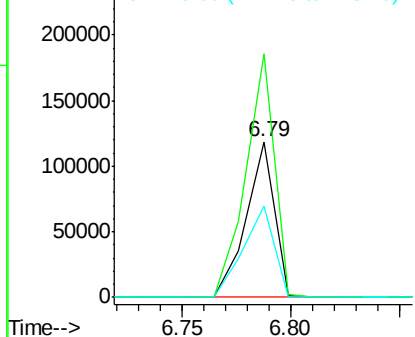
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088680.D
Acq: 4 Jul 2016 7:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106712
Ion Ratio Lower Upper
152 100
150 156.2 123.8 185.6
115 58.8 39.6 59.4



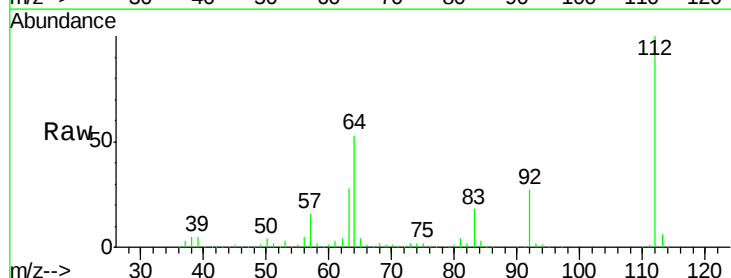
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



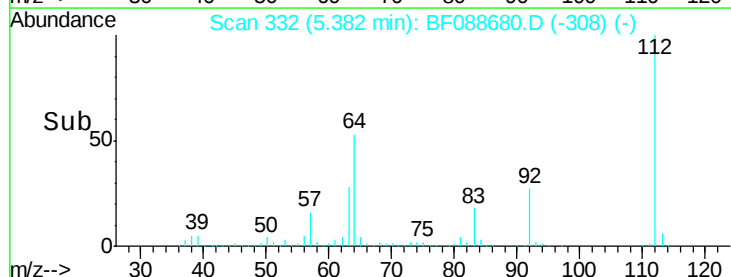
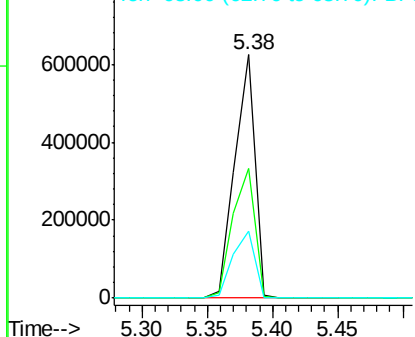
#5

2-Fluorophenol
Concen: 93.98 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088680.D
Acq: 4 Jul 2016 7:46

Tgt Ion:112 Resp: 669138
Ion Ratio Lower Upper
112 100
64 53.2 42.2 63.2
63 27.7 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: 92.14 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088680.D

Acq: 4 Jul 2016 7:46

Instrument :

BNA_F

ClientSampled :

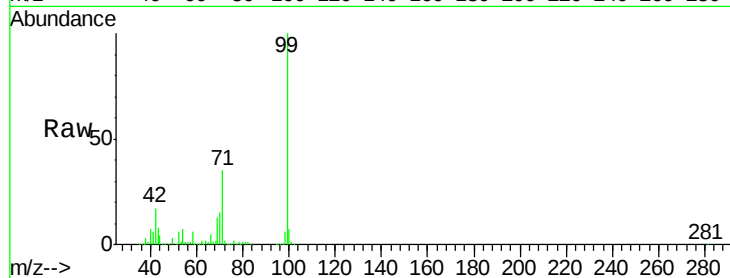
Tot Ion: 99 Resp: 847690

Ion Ratio Lower Upper

99 100

42 16.5 12.2 18.2

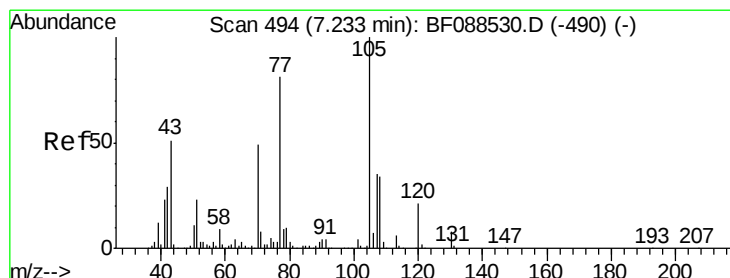
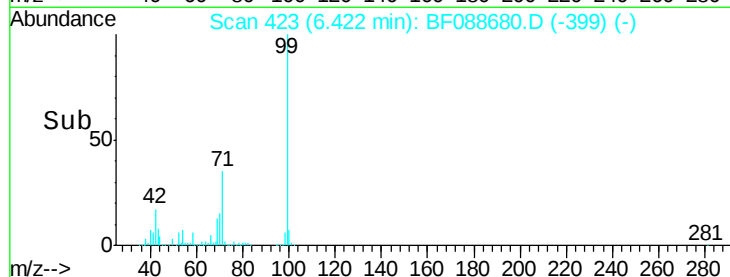
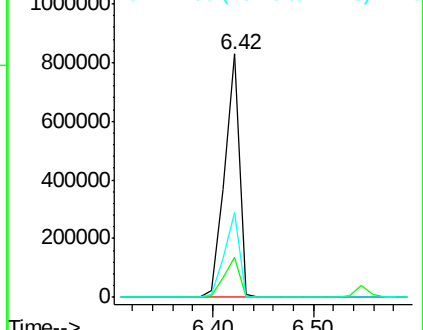
71 35.1 23.4 35.0#



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: 11.32 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088680.D

Acq: 4 Jul 2016 7:46

Tgt Ion: 70 Resp: 69983

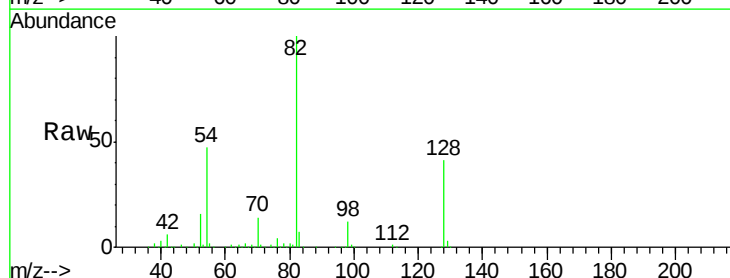
Ion Ratio Lower Upper

70 100

42 41.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

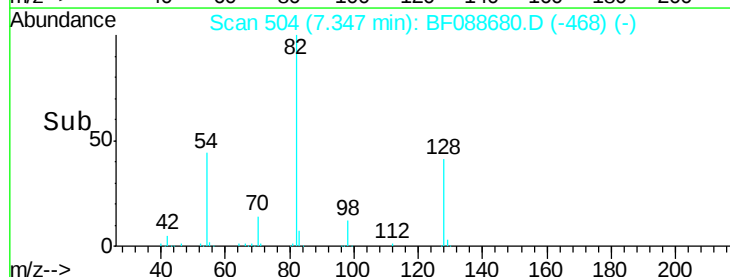
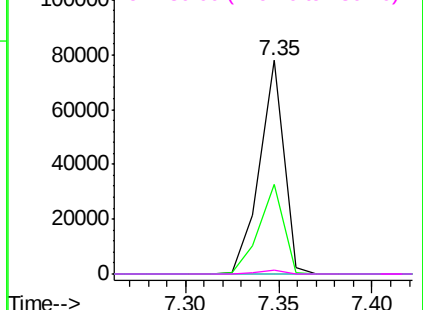


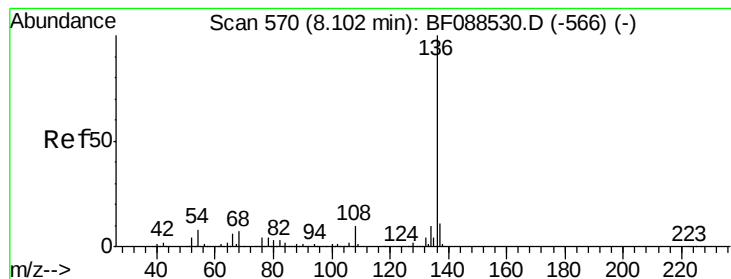
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088680.D

Acq: 4 Jul 2016 7:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 414323

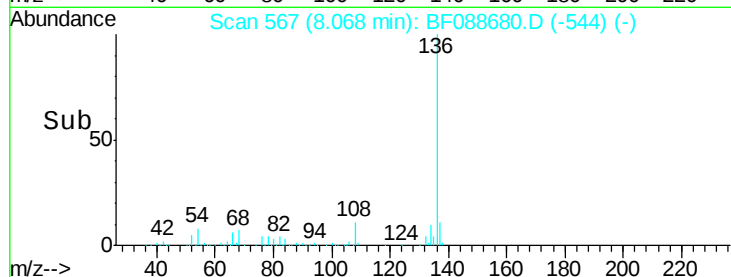
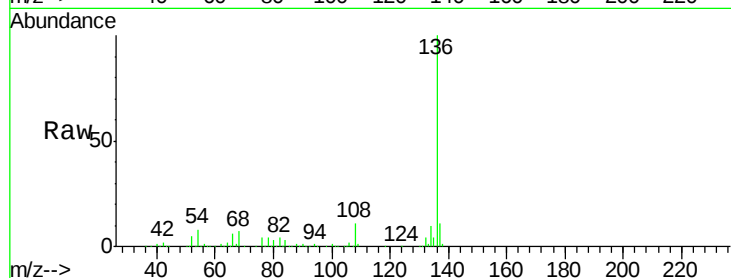
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.4 6.6 10.0

68 7.1 5.1 7.7

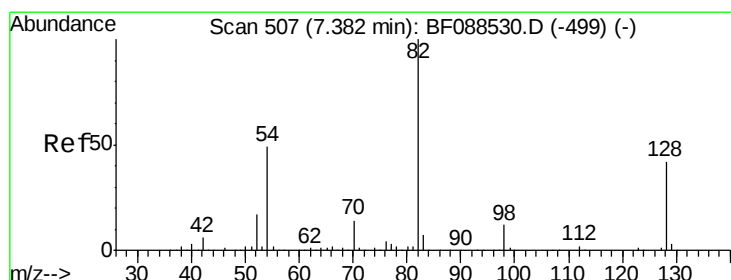
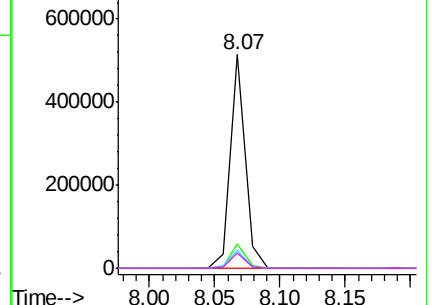


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.41 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088680.D

Acq: 4 Jul 2016 7:46

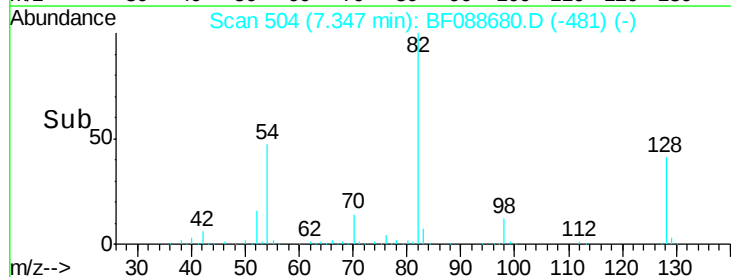
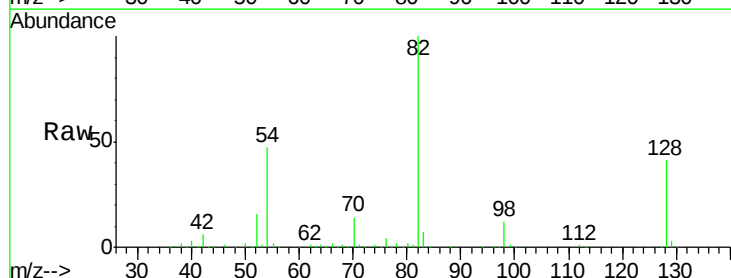
Tgt Ion: 82 Resp: 509278

Ion Ratio Lower Upper

82 100

128 40.8 35.9 53.9

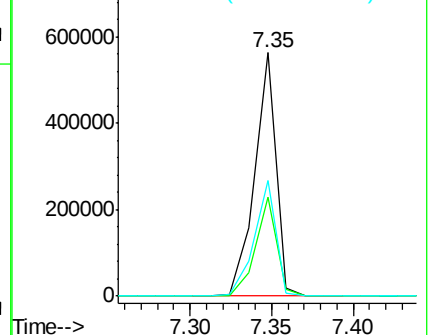
54 47.4 40.9 61.3

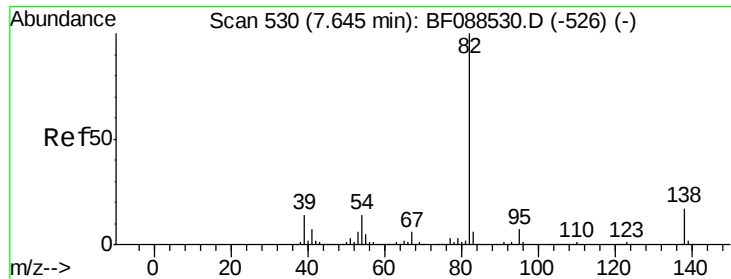


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.26 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.30 min

Lab File: BF088680.D

Acq: 4 Jul 2016 7:46

Instrument :

BNA_F

ClientSampleId :

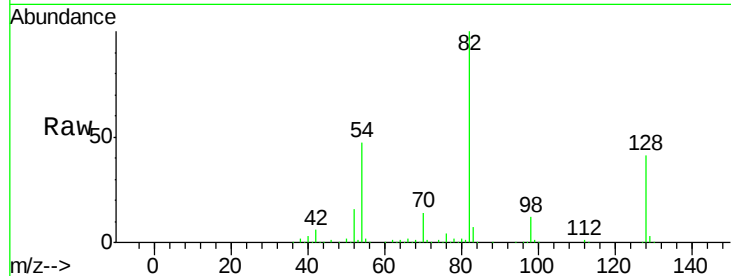
Tot Ion: 82 Resp: 399214

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#

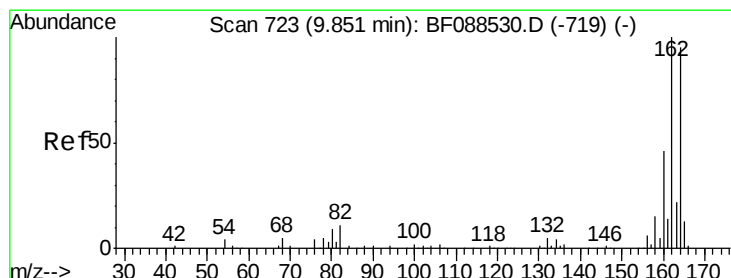
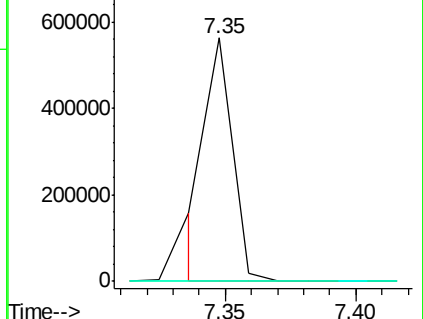
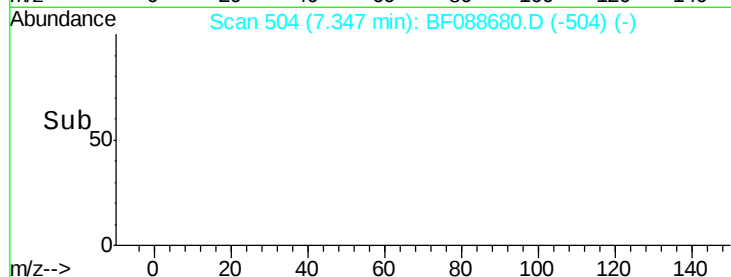


Abundance Ion 82.00 (81.70 to 82.70): BF088530.D (-526) (-)

Ion 95.00 (94.70 to 95.70): BF088530.D (-526) (-)

Ion 138.00 (137.70 to 138.70): BF088530.D (-526) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088680.D

Acq: 4 Jul 2016 7:46

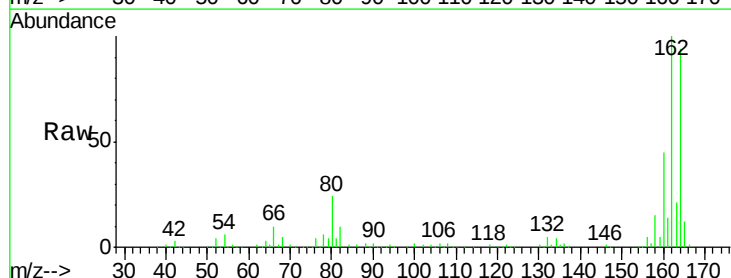
Tgt Ion:164 Resp: 180998

Ion Ratio Lower Upper

164 100

162 106.6 85.4 128.2

160 47.7 39.5 59.3

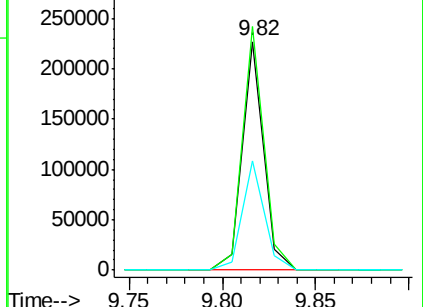
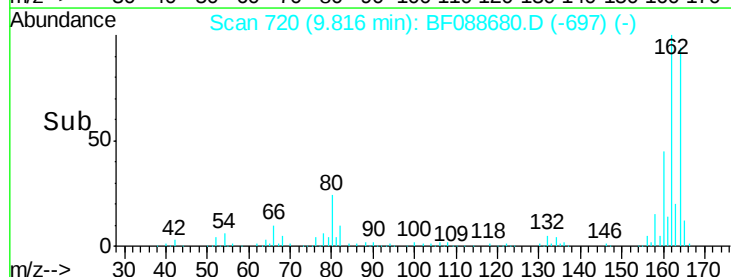


Abundance Ion 164.00 (163.70 to 164.70): BF088530.D (-719) (-)

Ion 162.00 (161.70 to 162.70): BF088530.D (-719) (-)

Ion 160.00 (159.70 to 160.70): BF088530.D (-719) (-)

Time-->

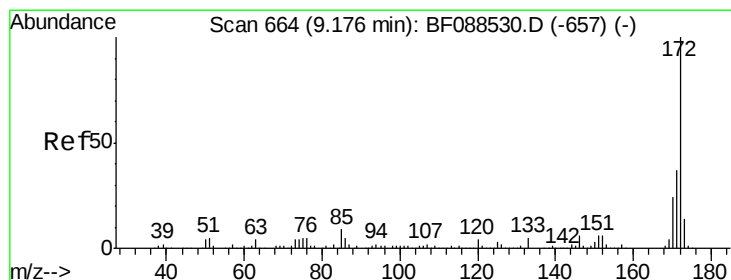
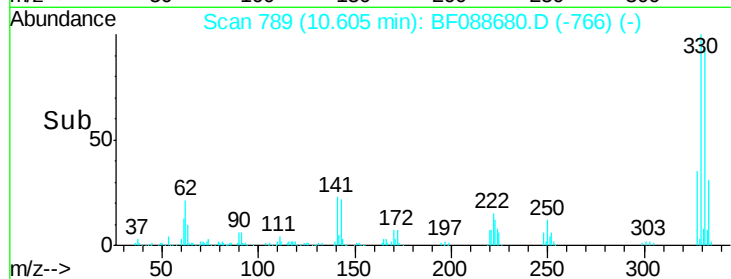
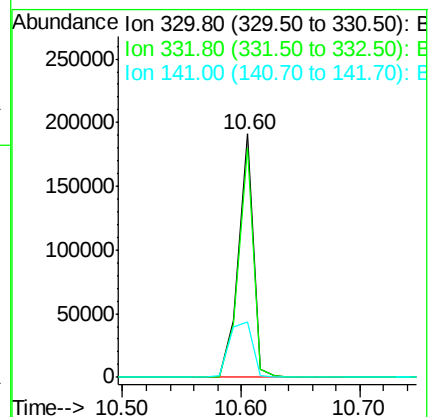
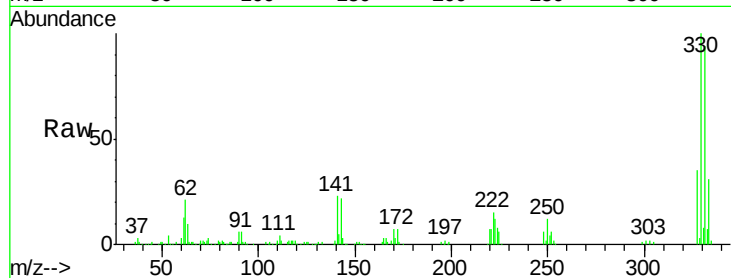




#41
 2,4,6-Tribromophenol
 Concen: 99.92 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088680.D
 Acq: 4 Jul 2016 7:46

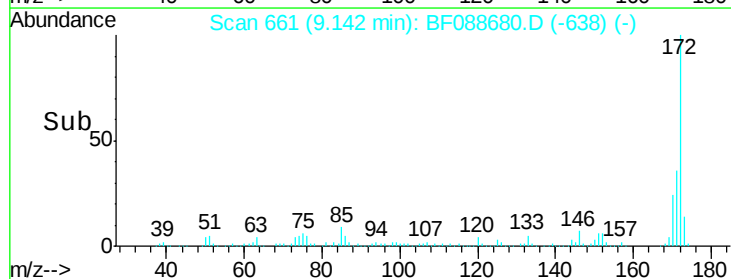
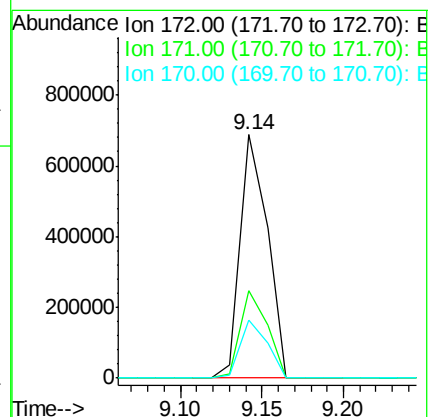
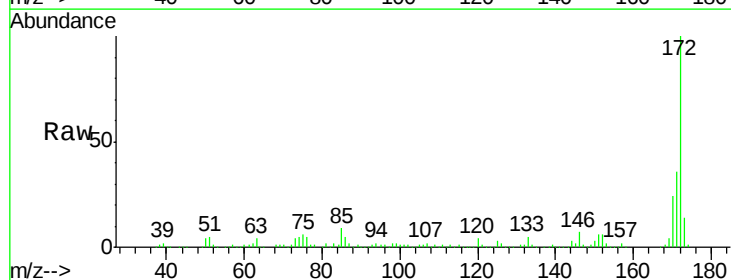
Instrument :
 BNA_F
 ClientSampled :

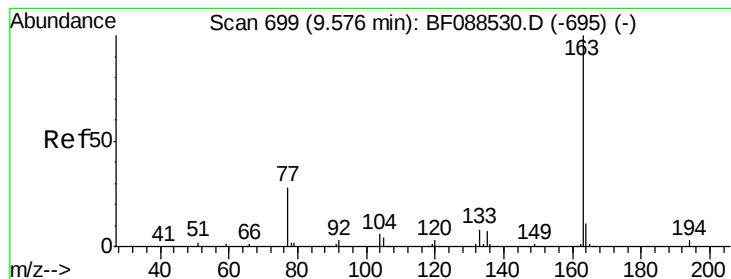
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	0.0	0.0#
141	35.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 68.97 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088680.D
 Acq: 4 Jul 2016 7:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	19.2	28.8





#49

Dimethylphthalate

Concen: 16.50 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF088680.D

Acq: 4 Jul 2016 7:46

Instrument :

BNA_F

ClientSampleId :

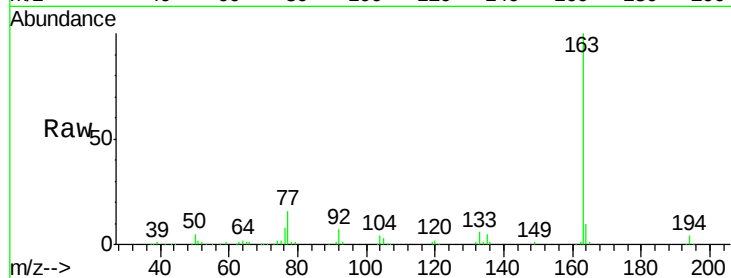
Tot Ion:163 Resp: 212817

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

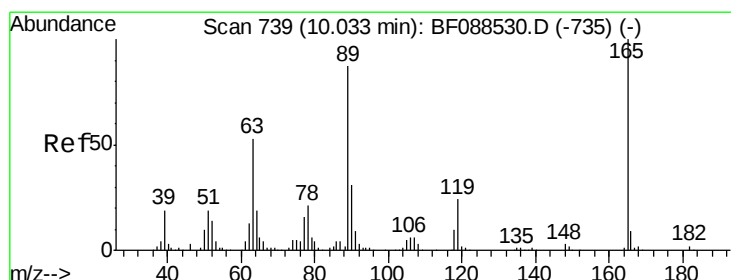
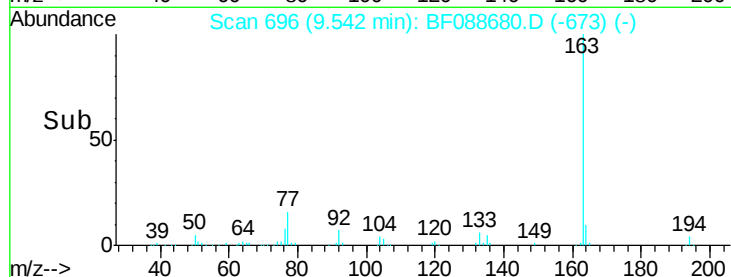
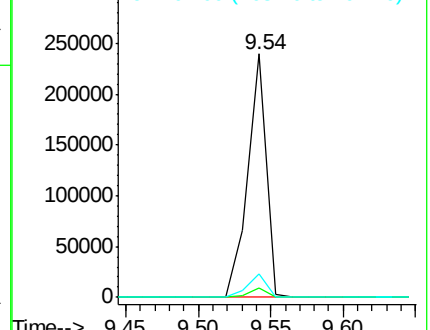
164 9.7 8.3 12.5



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: 6.33 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088680.D

Acq: 4 Jul 2016 7:46

Tgt Ion:165 Resp: 23663

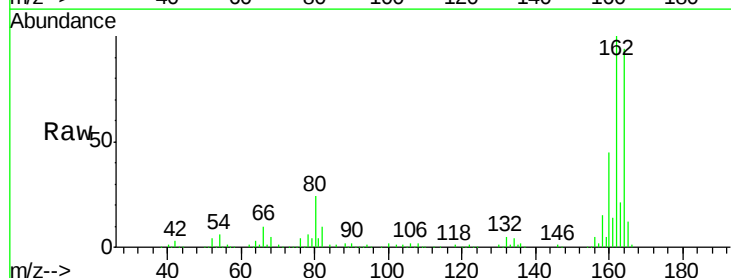
Ion Ratio Lower Upper

165 100

63 1.2 22.0 33.0#

89 1.7 41.1 61.7#

182 0.0 2.0 3.0#

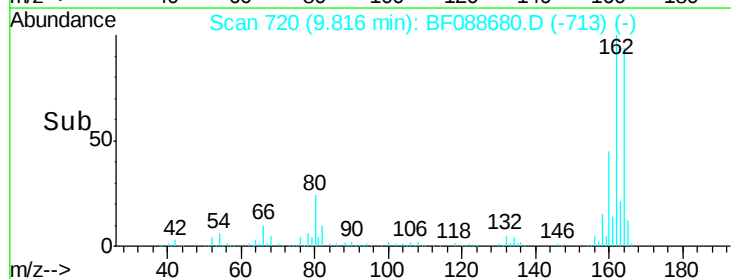
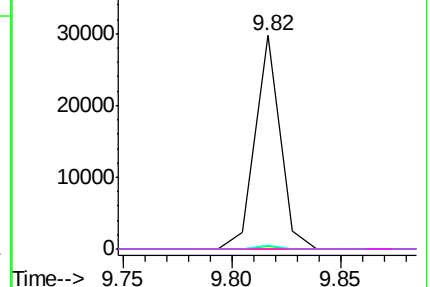


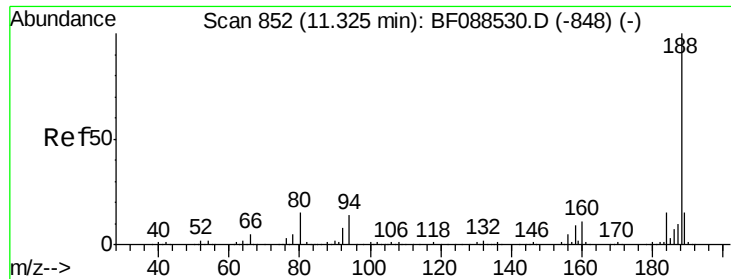
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

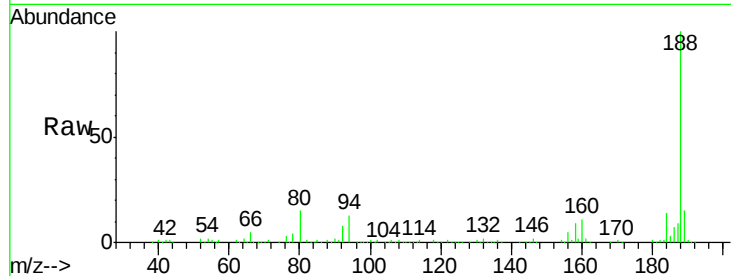




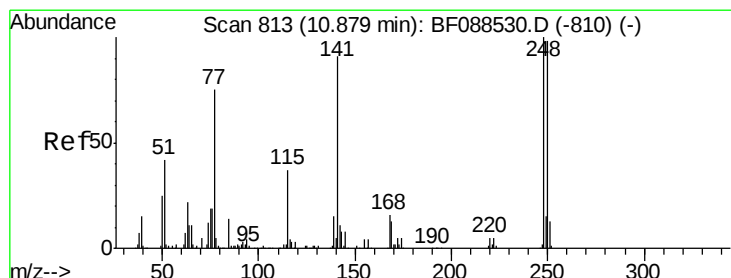
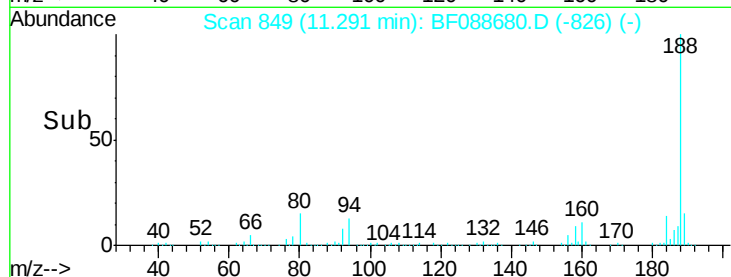
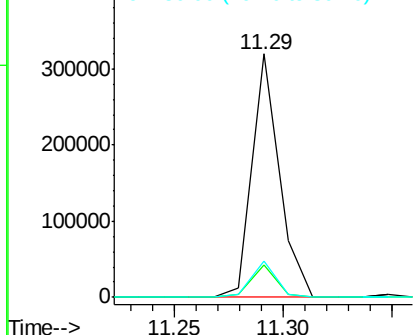
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088680.D
Acq: 4 Jul 2016 7:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 279373
Ion Ratio Lower Upper
188 100
94 13.2 9.0 13.6
80 15.1 10.0 15.0#

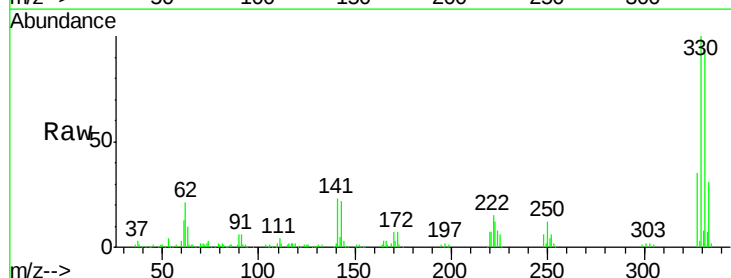


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

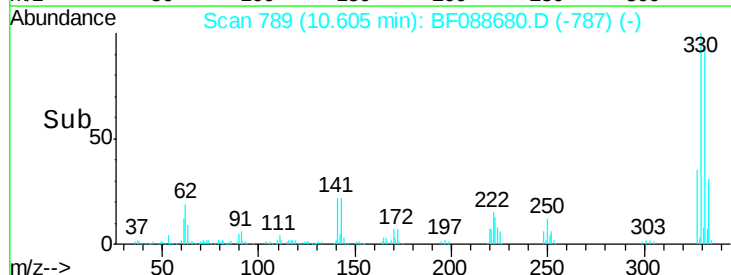
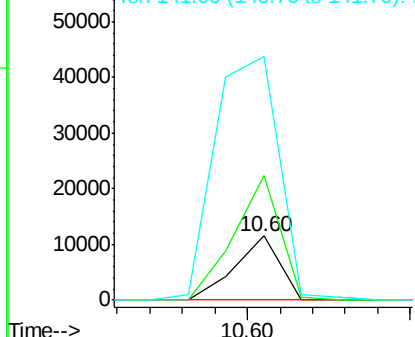


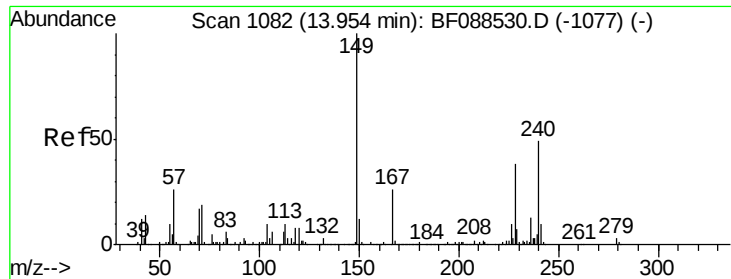
#66
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088680.D
Acq: 4 Jul 2016 7:46

Tgt Ion:248 Resp: 10818
Ion Ratio Lower Upper
248 100
250 194.1 77.1 115.7#
141 378.3 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

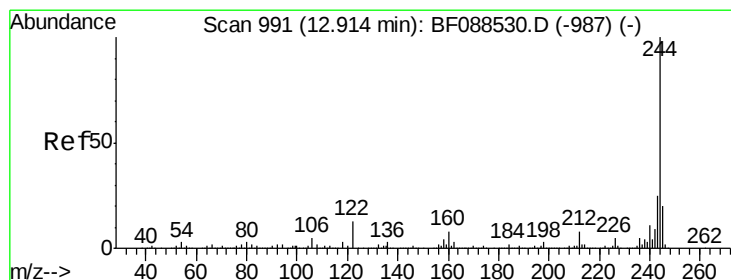
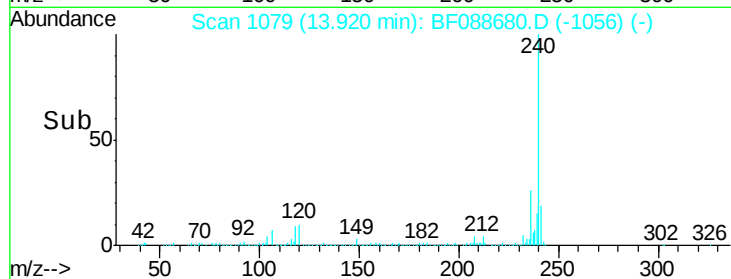
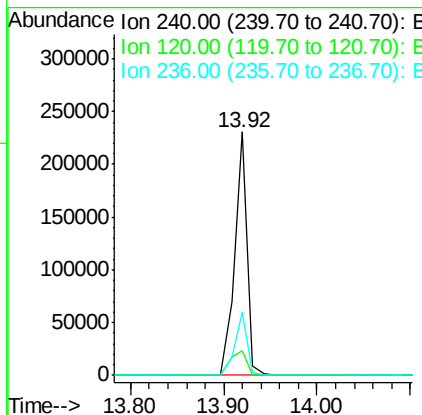
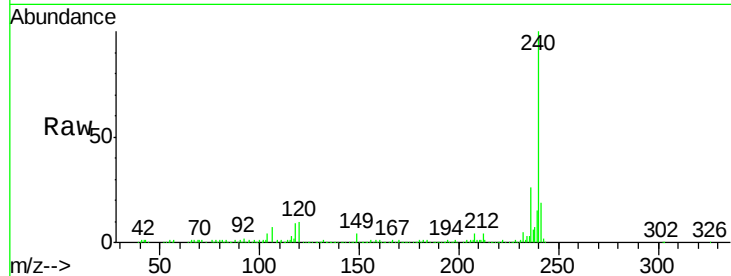




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF088680.D
 Acq: 4 Jul 2016 7:46

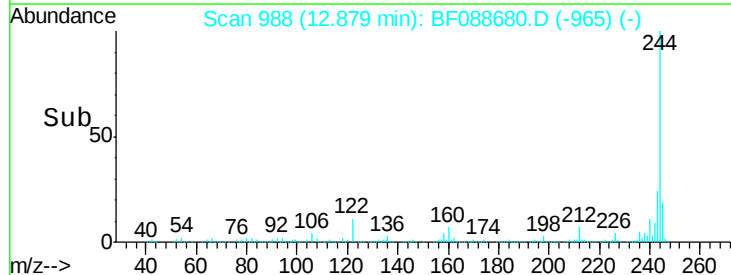
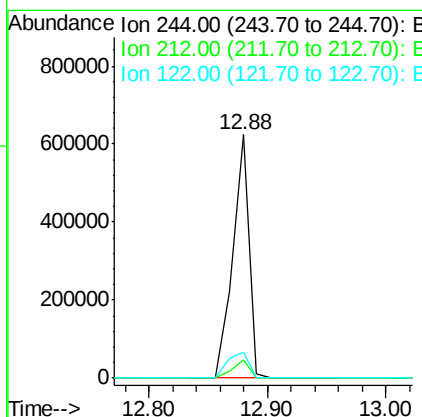
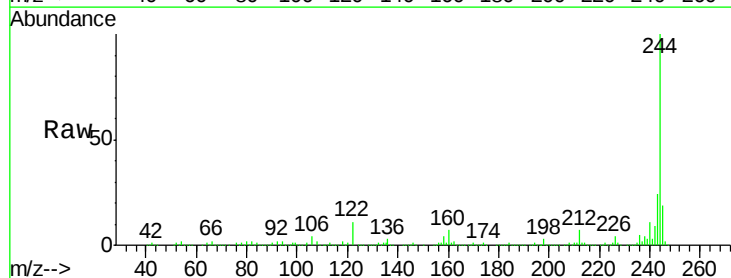
Instrument :
 BNA_F
 ClientSampleId :

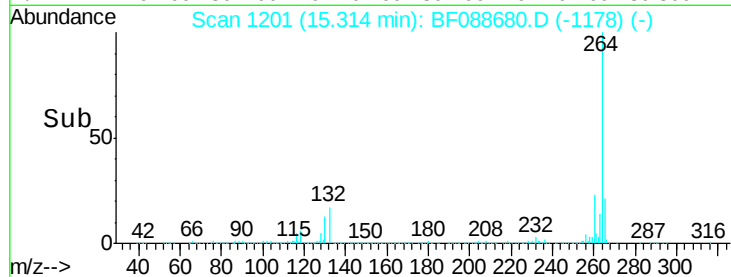
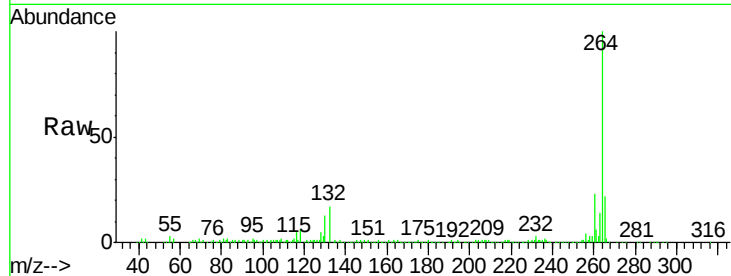
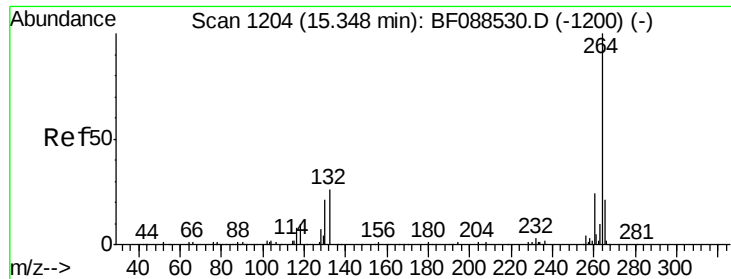
Tot Ion:240 Resp: 214502
 Ion Ratio Lower Upper
 240 100
 120 9.9 6.8 10.2
 236 25.8 20.2 30.2



#78
 Terphenyl-d14
 Concen: 61.31 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088680.D
 Acq: 4 Jul 2016 7:46

Tgt Ion:244 Resp: 590432
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.8 11.2 16.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088680.D
Acq: 4 Jul 2016 7:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	16.9	25.3

