

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
 Data File : BF088692.D
 Acq On : 4 Jul 2016 13:34
 Operator : UM/SJ
 Sample : H3822-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D10-B1(6-12)C

Quant Time: Jul 05 00:51:14 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

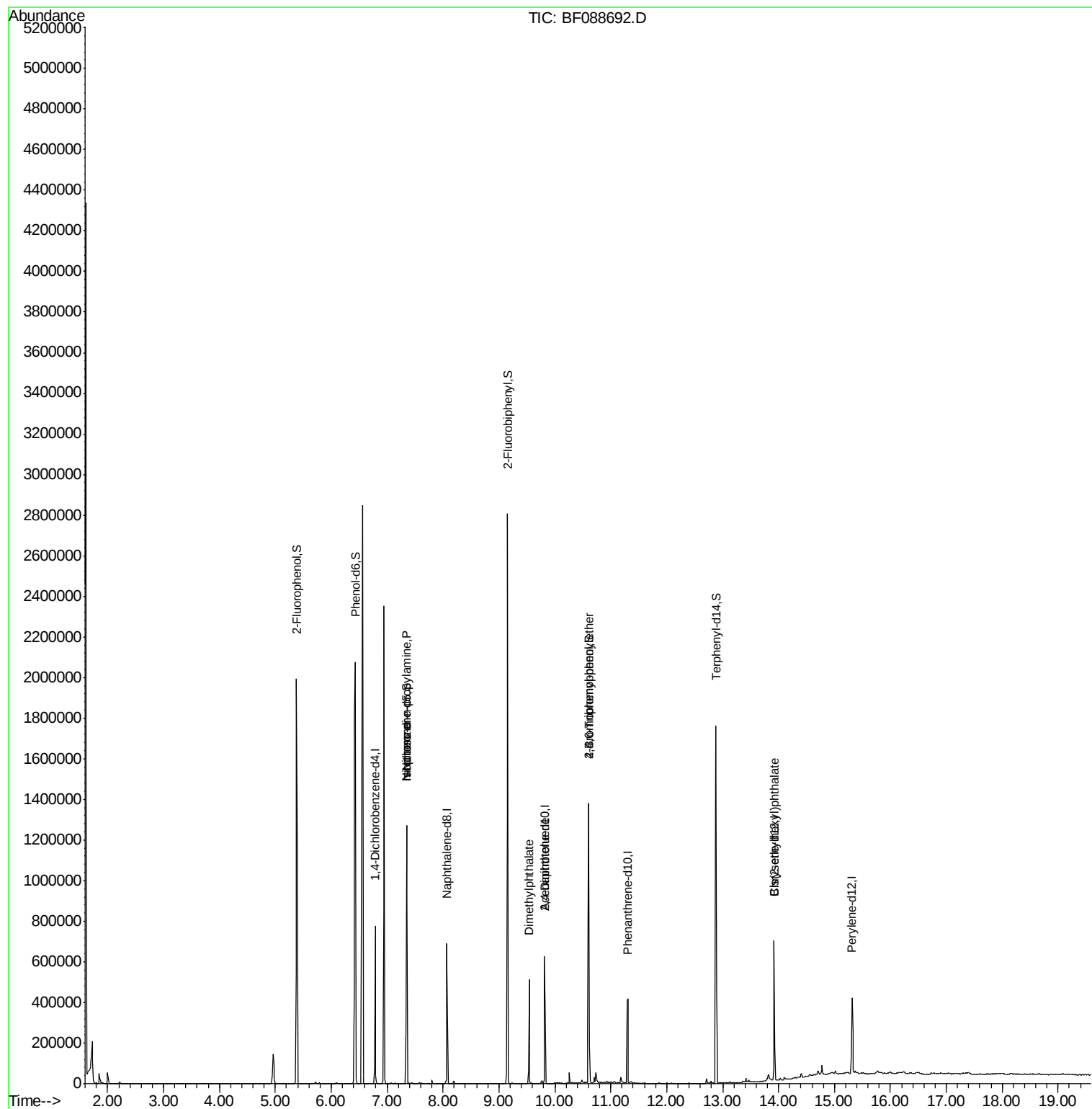
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100883	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	354769	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	142956	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	224850	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	197109	20.00	ng	-0.03
86) Perylene-d12	15.31	264	159599	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	794392	118.01	ng	-0.02
7) Phenol-d6	6.43	99	1118898	128.64	ng	-0.01
23) Nitrobenzene-d5	7.35	82	600493	88.70	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	136899	103.13	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	960097	106.08	ng	-0.02
78) Terphenyl-d14	12.88	244	528337	59.70	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	78684	13.47	ng	# 74
25) Isophorone	7.35	82	538921	42.98	ng	# 65
49) Dimethylphthalate	9.54	163	184144	18.08	ng	99
56) 2,4-Dinitrotoluene	9.82	165	18210	6.17	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	9500	4.19	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.92	149	17738	2.08	ng	99

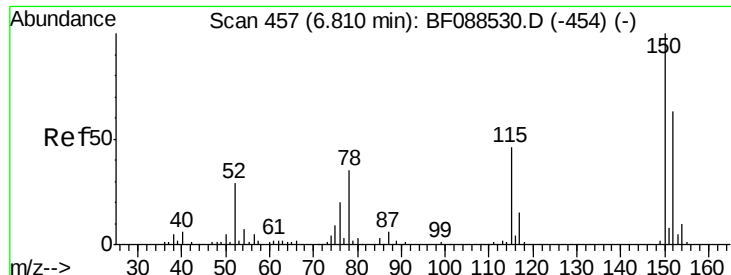
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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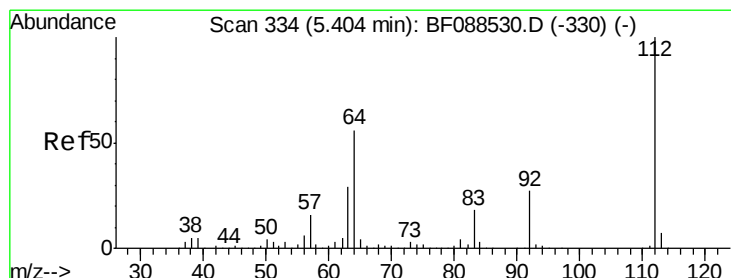
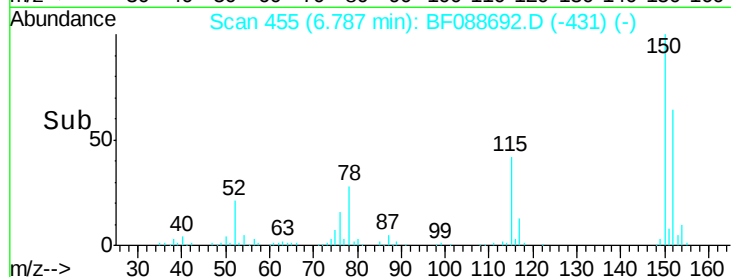
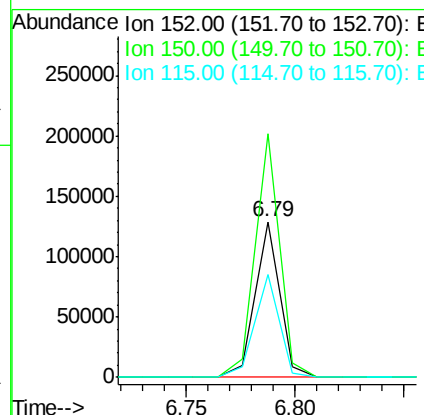
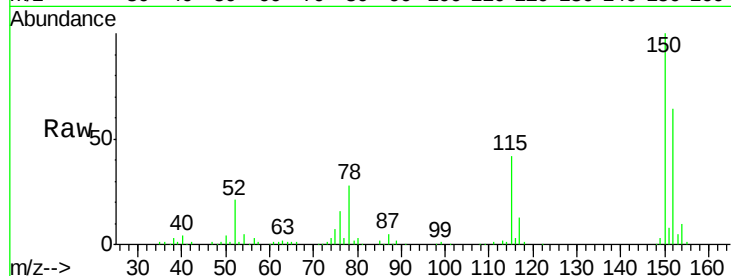




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF088692.D
 Acq: 4 Jul 2016 13:34

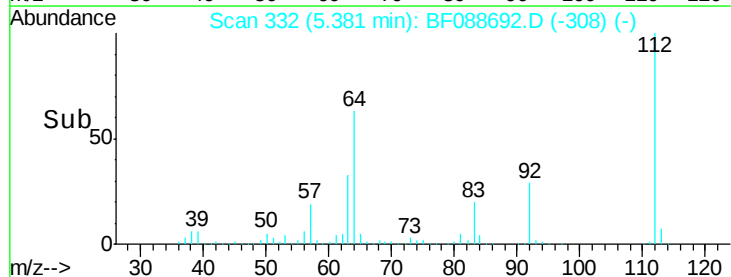
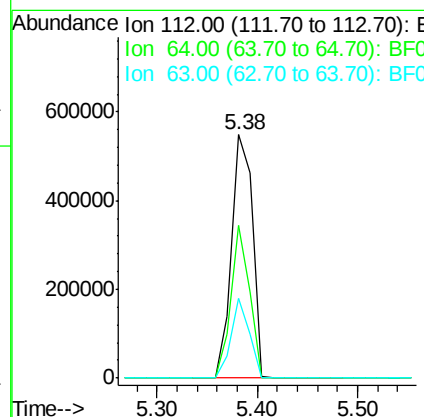
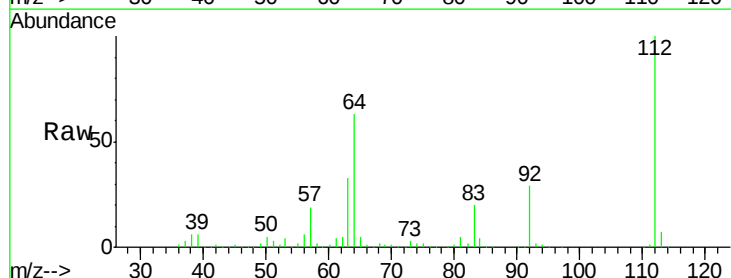
Instrument :
 BNA_F
 ClientSampleId :
 D10-B1(6-12)C

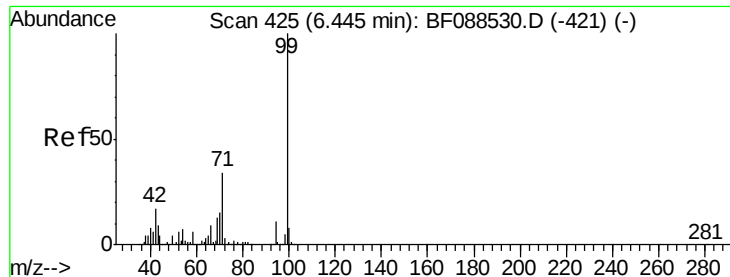
Tgt Ion:152 Resp: 100883
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.8 185.6
 115 66.2 39.6 59.4#



#5
 2-Fluorophenol
 Concen: 118.01 ng
 RT: 5.38 min Scan# 332
 Delta R.T. -0.02 min
 Lab File: BF088692.D
 Acq: 4 Jul 2016 13:34

Tgt Ion:112 Resp: 794392
 Ion Ratio Lower Upper
 112 100
 64 62.6 42.2 63.2
 63 32.9 21.8 32.8#





#7

Phenol-d6

Concen: 128.64 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088692.D

Acq: 4 Jul 2016 13:34

Instrument :

BNA_F

ClientSampleId :

D10-B1(6-12)C

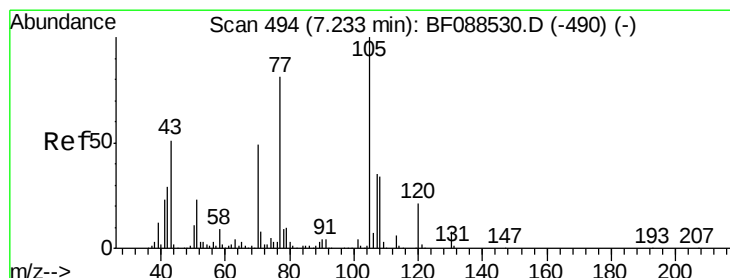
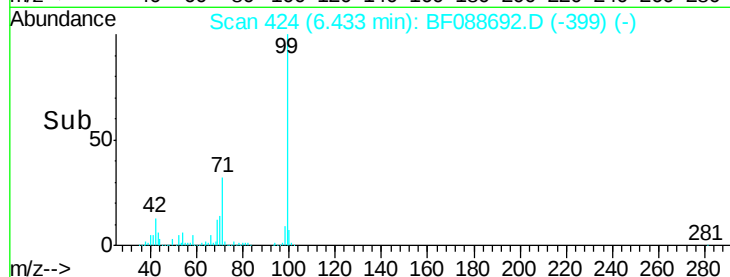
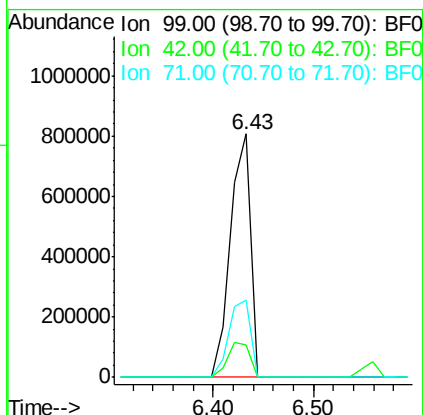
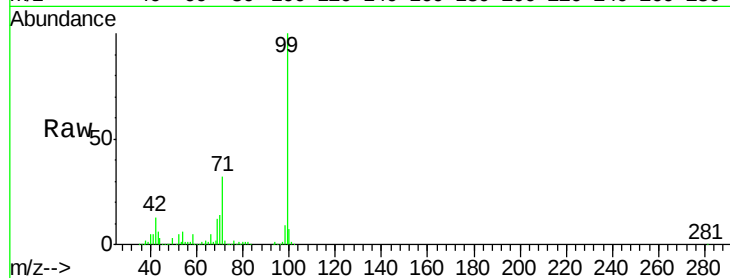
Tgt Ion: 99 Resp: 111898

Ion Ratio Lower Upper

99 100

42 13.1 12.2 18.2

71 32.0 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.47 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088692.D

Acq: 4 Jul 2016 13:34

Tgt Ion: 70 Resp: 78684

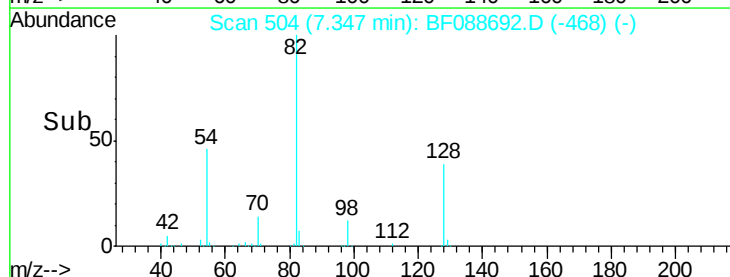
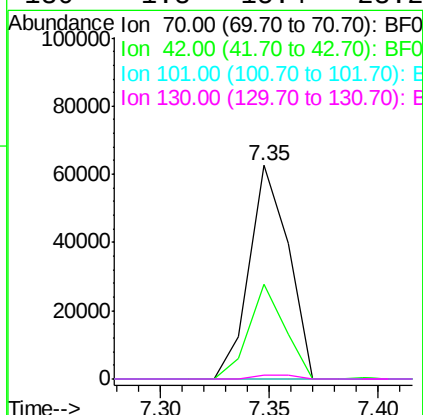
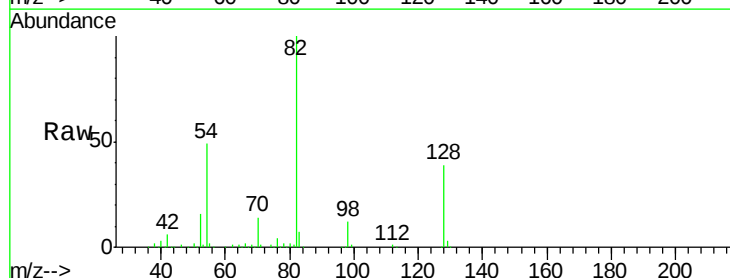
Ion Ratio Lower Upper

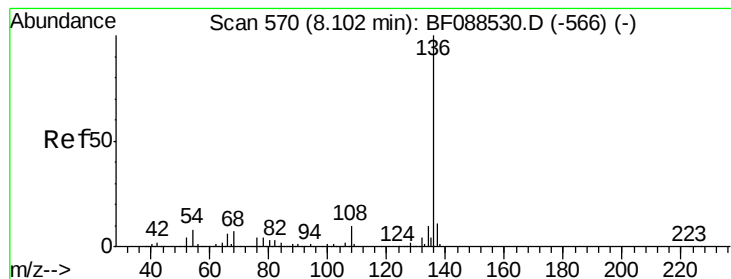
70 100

42 44.5 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088692.D

Acq: 4 Jul 2016 13:34

Instrument :

BNA_F

ClientSampleId :

D10-B1(6-12)C

Tgt Ion:136 Resp: 354769

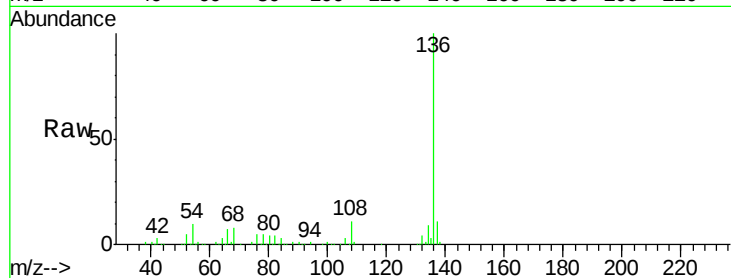
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.4 6.6 10.0#

68 8.2 5.1 7.7#

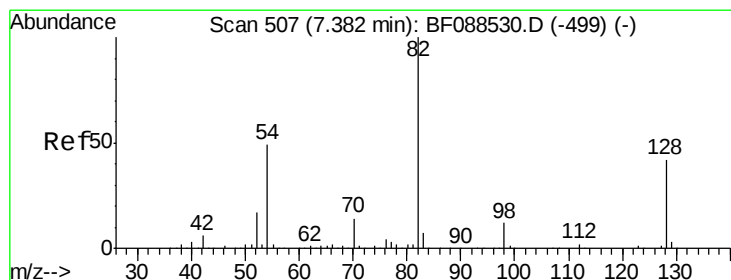
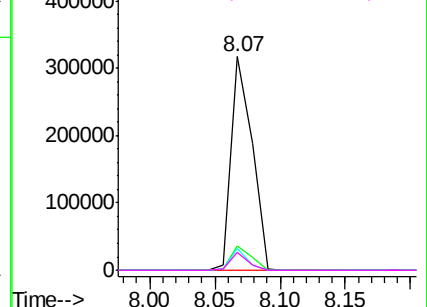
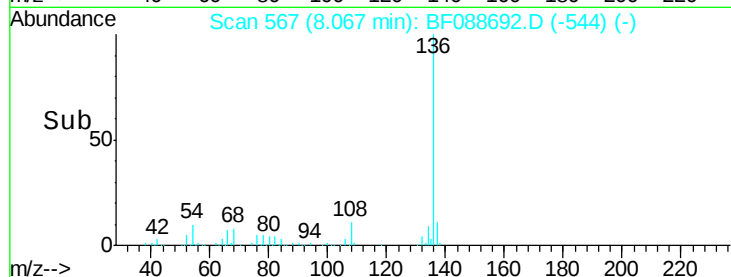


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.70 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088692.D

Acq: 4 Jul 2016 13:34

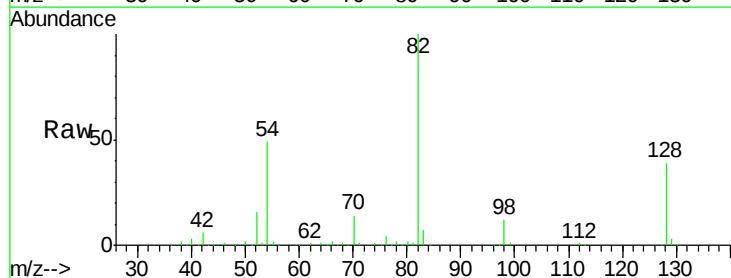
Tgt Ion: 82 Resp: 600493

Ion Ratio Lower Upper

82 100

128 39.0 35.9 53.9

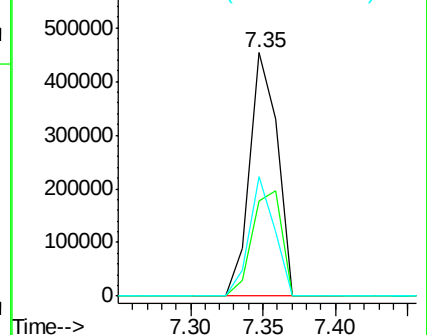
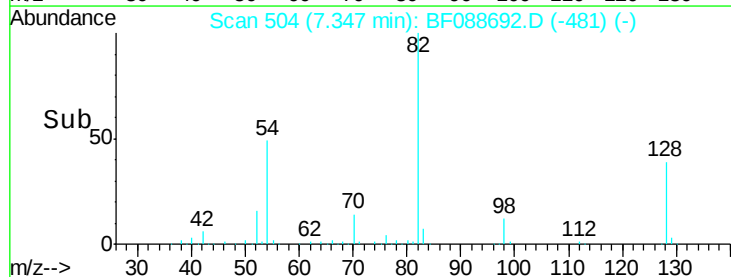
54 49.1 40.9 61.3

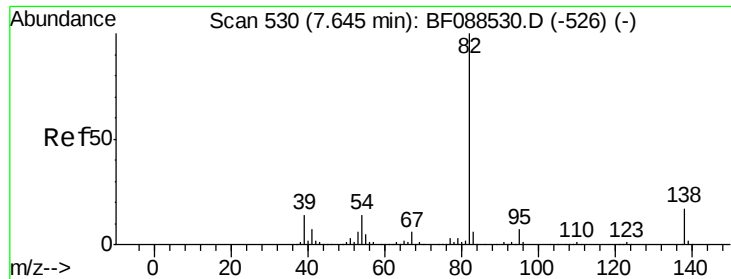


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.98 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.30 min

Lab File: BF088692.D

Acq: 4 Jul 2016 13:34

Instrument :

BNA_F

ClientSampleId :

D10-B1(6-12)C

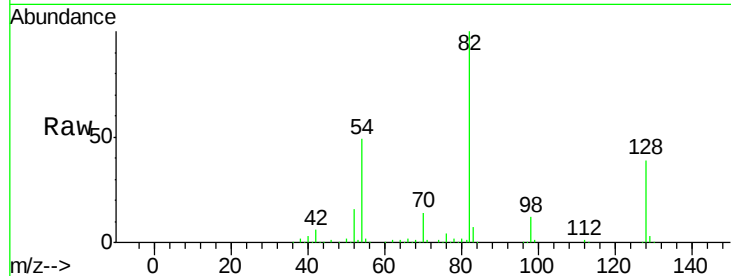
Tgt Ion: 82 Resp: 538921

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

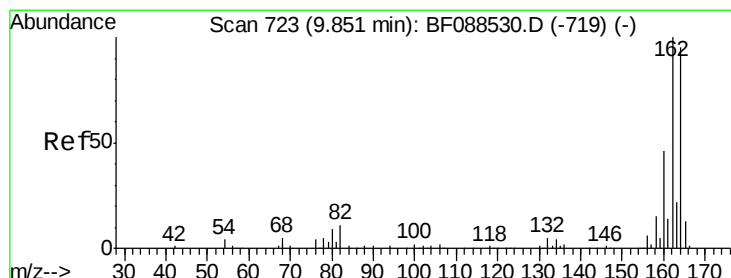
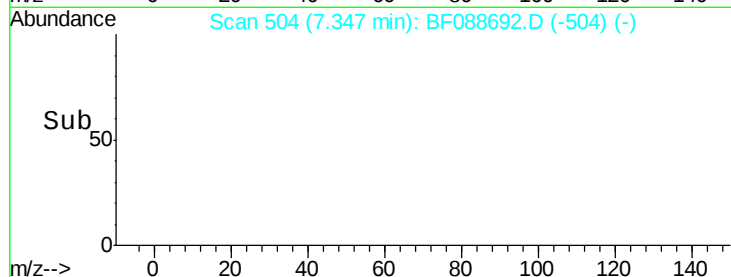
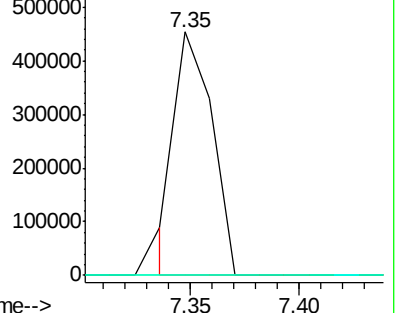
138 0.0 14.6 21.8#



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) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088692.D

Acq: 4 Jul 2016 13:34

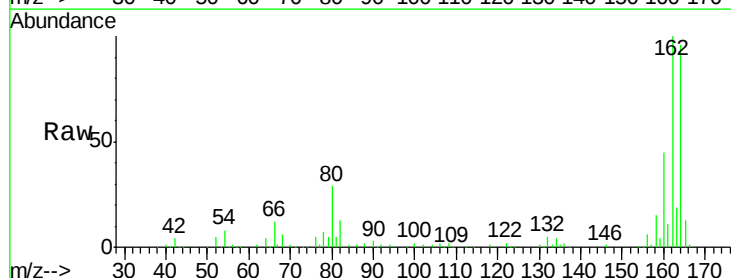
Tgt Ion: 164 Resp: 142956

Ion Ratio Lower Upper

164 100

162 104.0 85.4 128.2

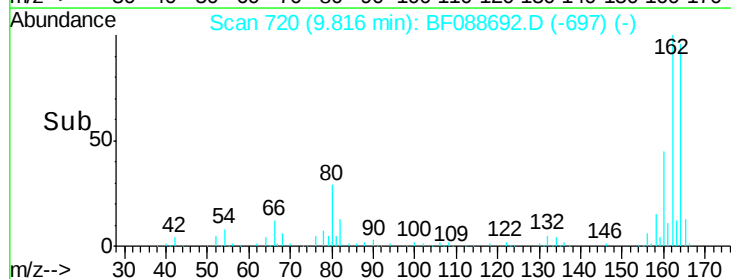
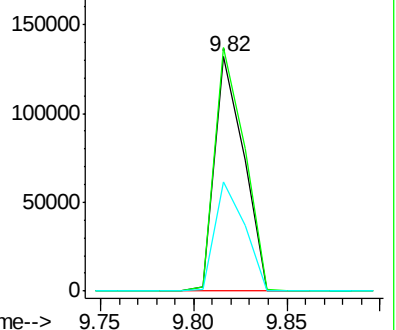
160 46.7 39.5 59.3

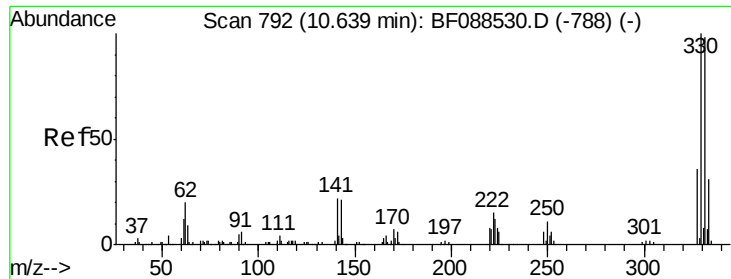


Abundance Ion 164.00 (163.70 to 164.70): BF088530.D (-719) (-)

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

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

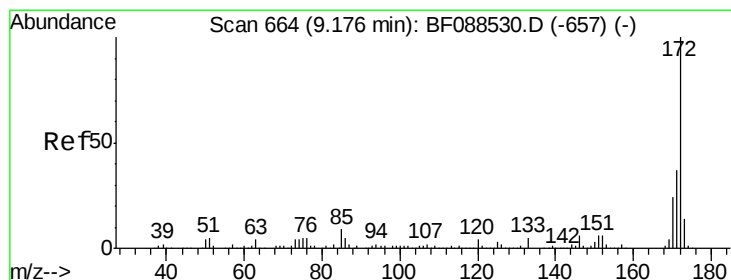
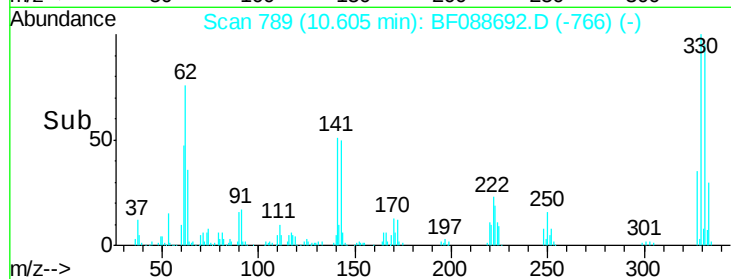
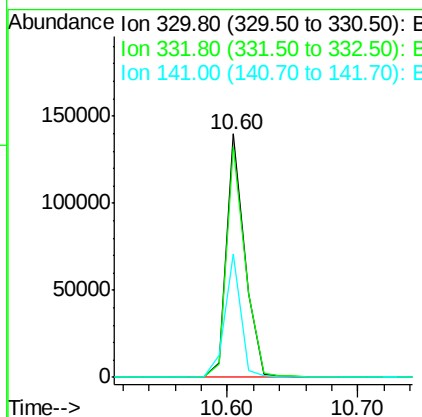
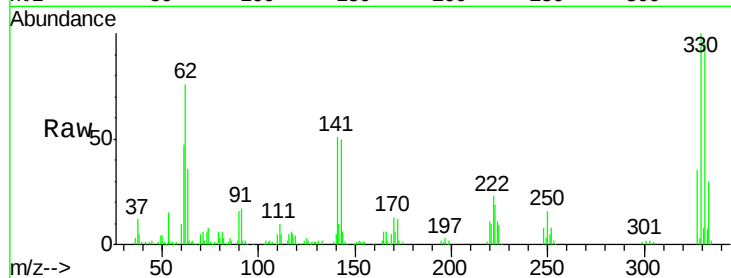




#41
 2,4,6-Tribromophenol
 Concen: 103.13 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088692.D
 Acq: 4 Jul 2016 13:34

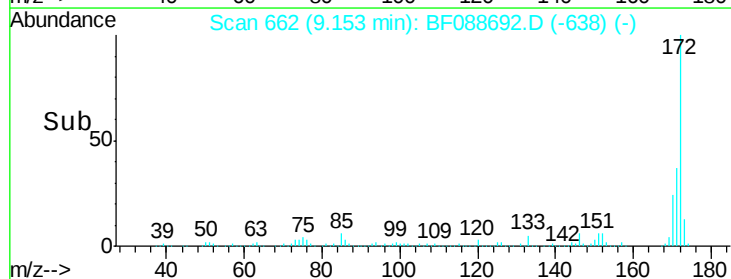
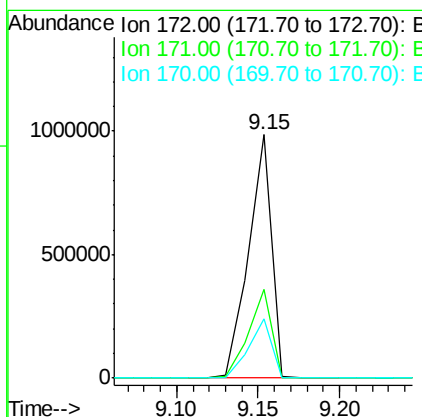
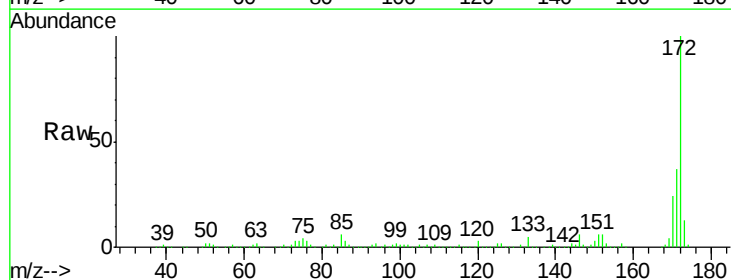
Instrument :
 BNA_F
 ClientSampleId :
 D10-B1(6-12)C

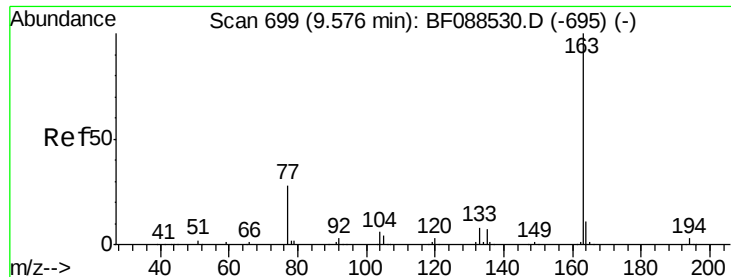
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	44.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 106.08 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088692.D
 Acq: 4 Jul 2016 13:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.2	19.2	28.8





#49

Dimethylphthalate

Concen: 18.08 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF088692.D

Acq: 4 Jul 2016 13:34

Instrument :

BNA_F

ClientSampleId :

D10-B1(6-12)C

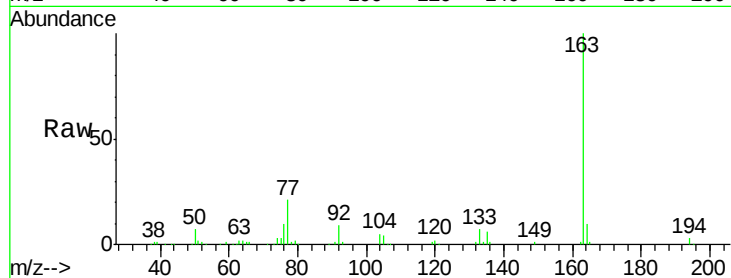
Tgt Ion:163 Resp: 184144

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

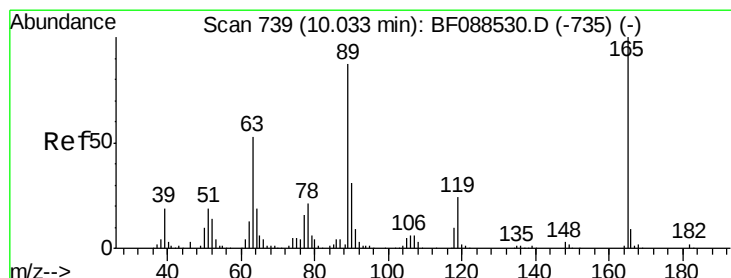
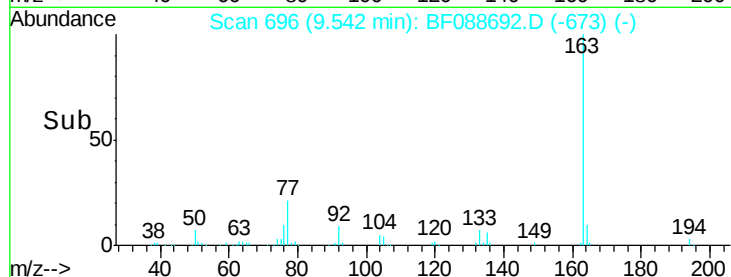
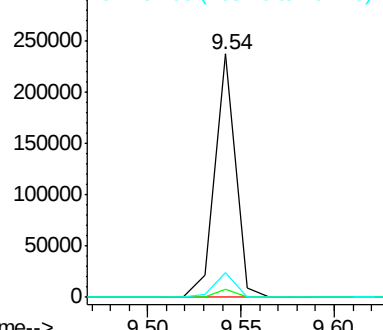
164 10.0 8.3 12.5



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: 6.17 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088692.D

Acq: 4 Jul 2016 13:34

Tgt Ion:165 Resp: 18210

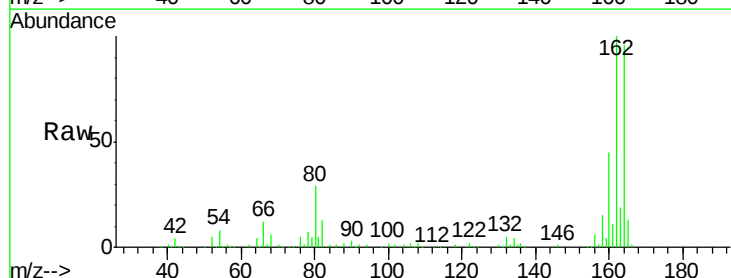
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

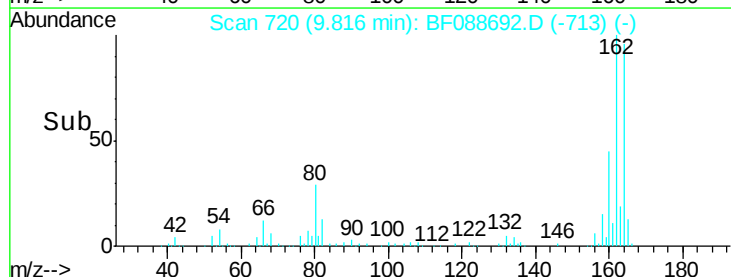
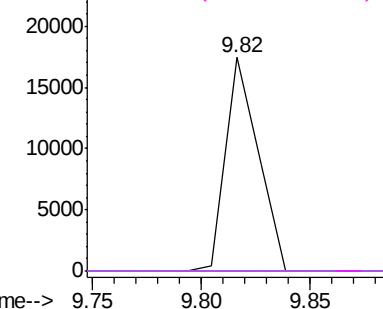


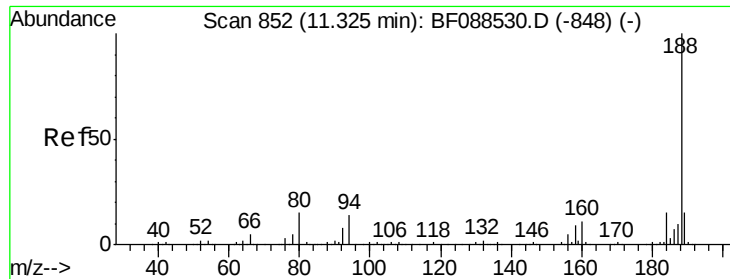
Abundance Ion 165.00 (164.70 to 165.70): E

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

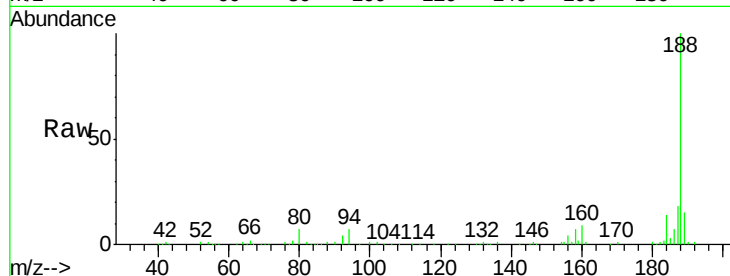




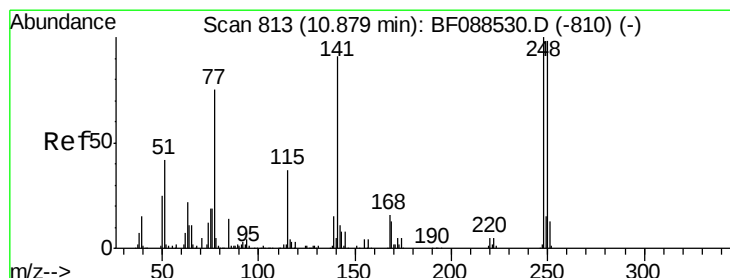
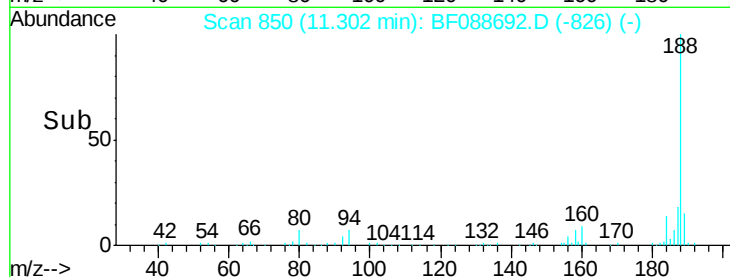
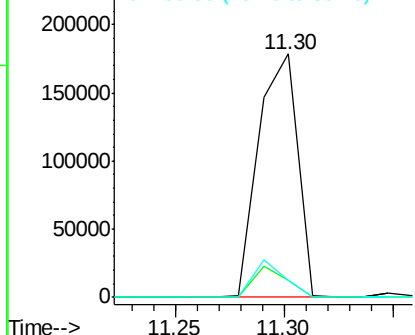
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088692.D
Acq: 4 Jul 2016 13:34

Instrument :
BNA_F
ClientSampleId :
D10-B1(6-12)C

Tgt Ion:188 Resp: 224850
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.6#
80 7.0 10.0 15.0#

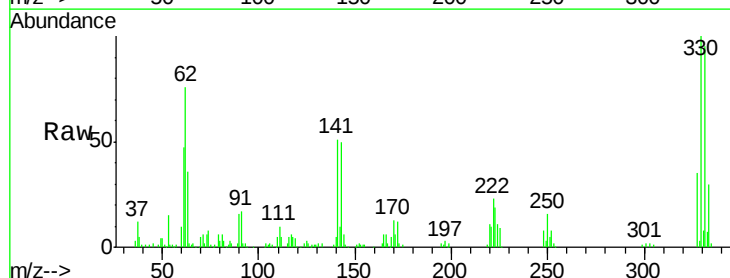


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

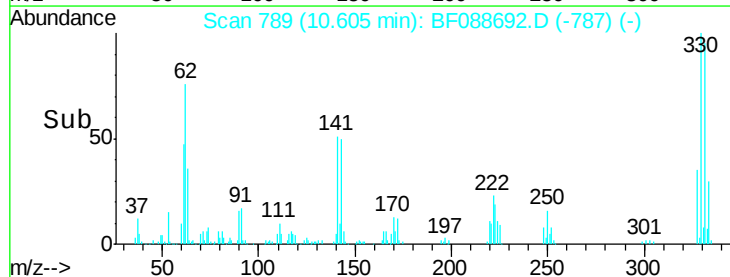
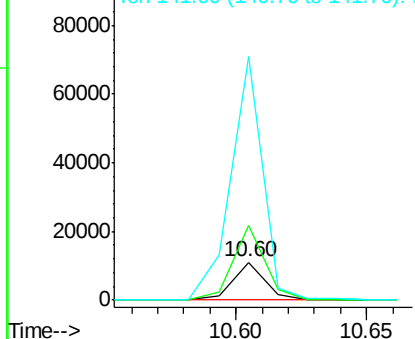


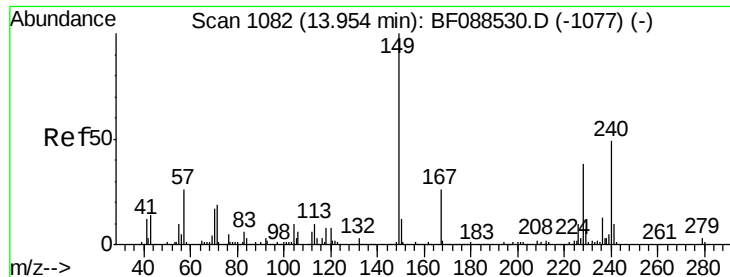
#66
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088692.D
Acq: 4 Jul 2016 13:34

Tgt Ion:248 Resp: 9500
Ion Ratio Lower Upper
248 100
250 196.6 77.1 115.7#
141 642.7 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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088692.D

Acq: 4 Jul 2016 13:34

Instrument :

BNA_F

ClientSampleId :

D10-B1(6-12)C

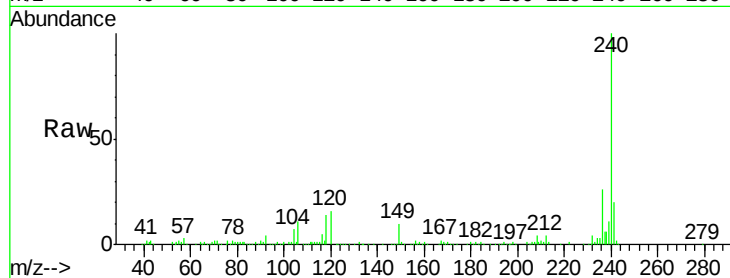
Tgt Ion:240 Resp: 197109

Ion Ratio Lower Upper

240 100

120 15.5 6.8 10.2#

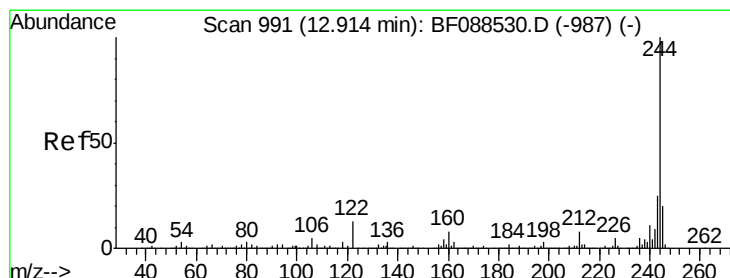
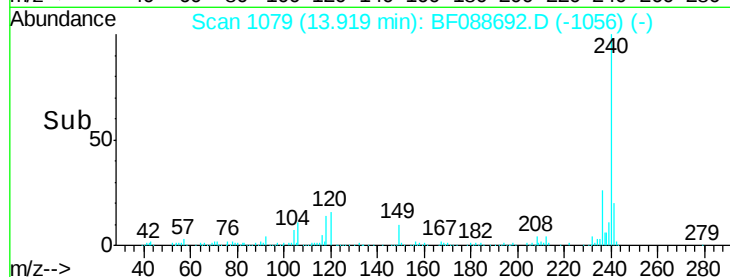
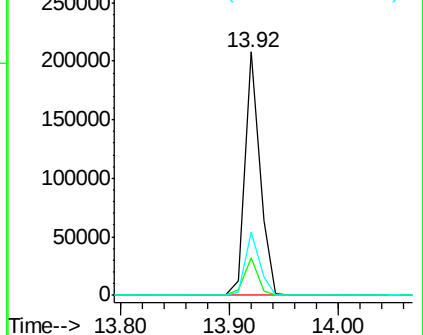
236 25.7 20.2 30.2



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: 59.70 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088692.D

Acq: 4 Jul 2016 13:34

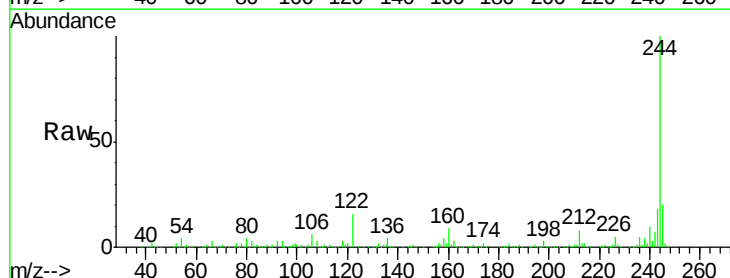
Tgt Ion:244 Resp: 528337

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

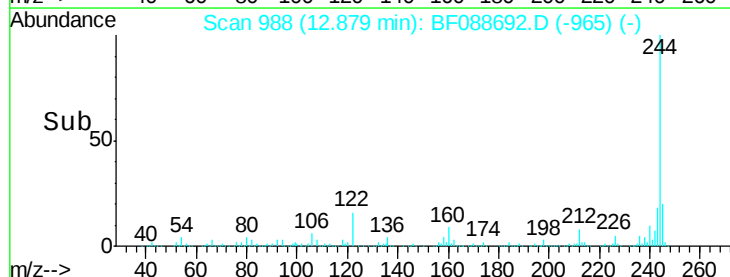
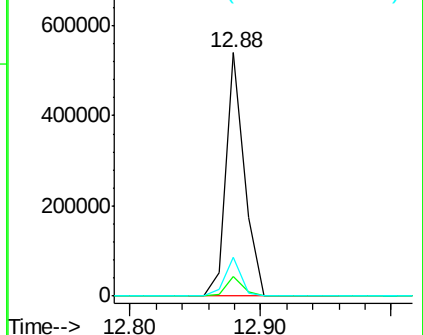
122 16.2 11.2 16.8

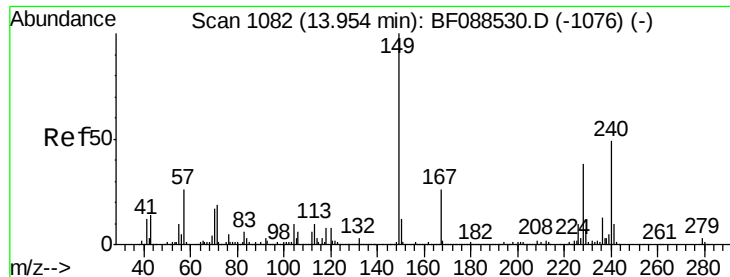


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

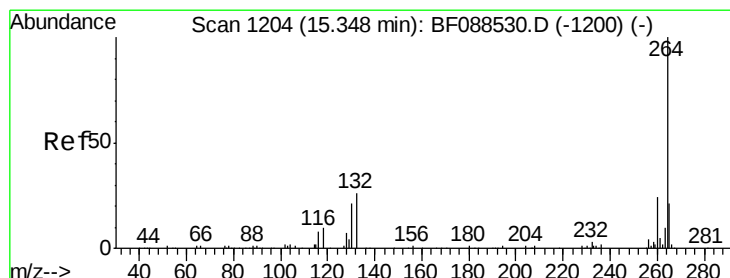
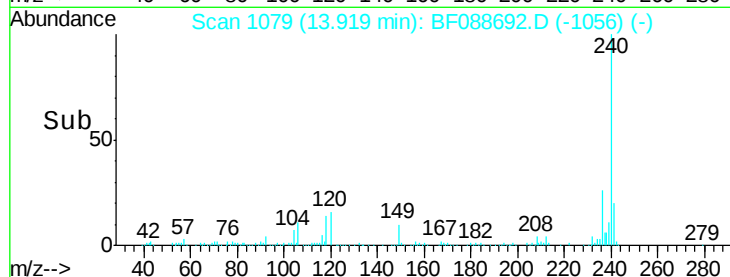
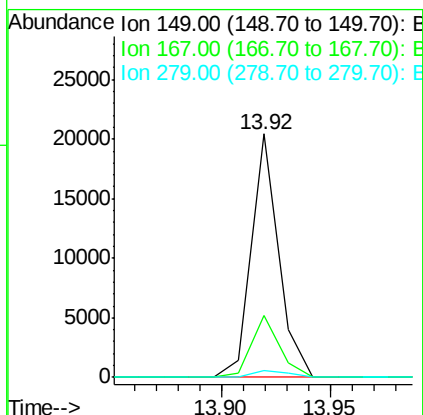
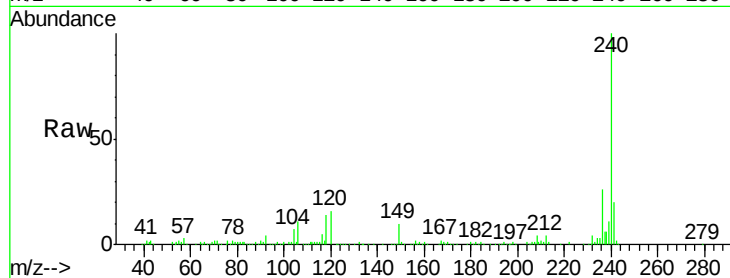




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.08 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF088692.D
 Acq: 4 Jul 2016 13:34

Instrument :
 BNA_F
 ClientSampleId :
 D10-B1(6-12)C

Tgt Ion:149 Resp: 17738
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.5 30.7
 279 2.7 2.0 3.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088692.D
 Acq: 4 Jul 2016 13:34

Tgt Ion:264 Resp: 159599
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.9 16.9 25.3

