

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
 Data File : BF088996.D
 Acq On : 14 Jul 2016 20:19
 Operator : UM/SJ
 Sample : H3996-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U2-B1(0-11)C

Quant Time: Jul 15 01:18:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

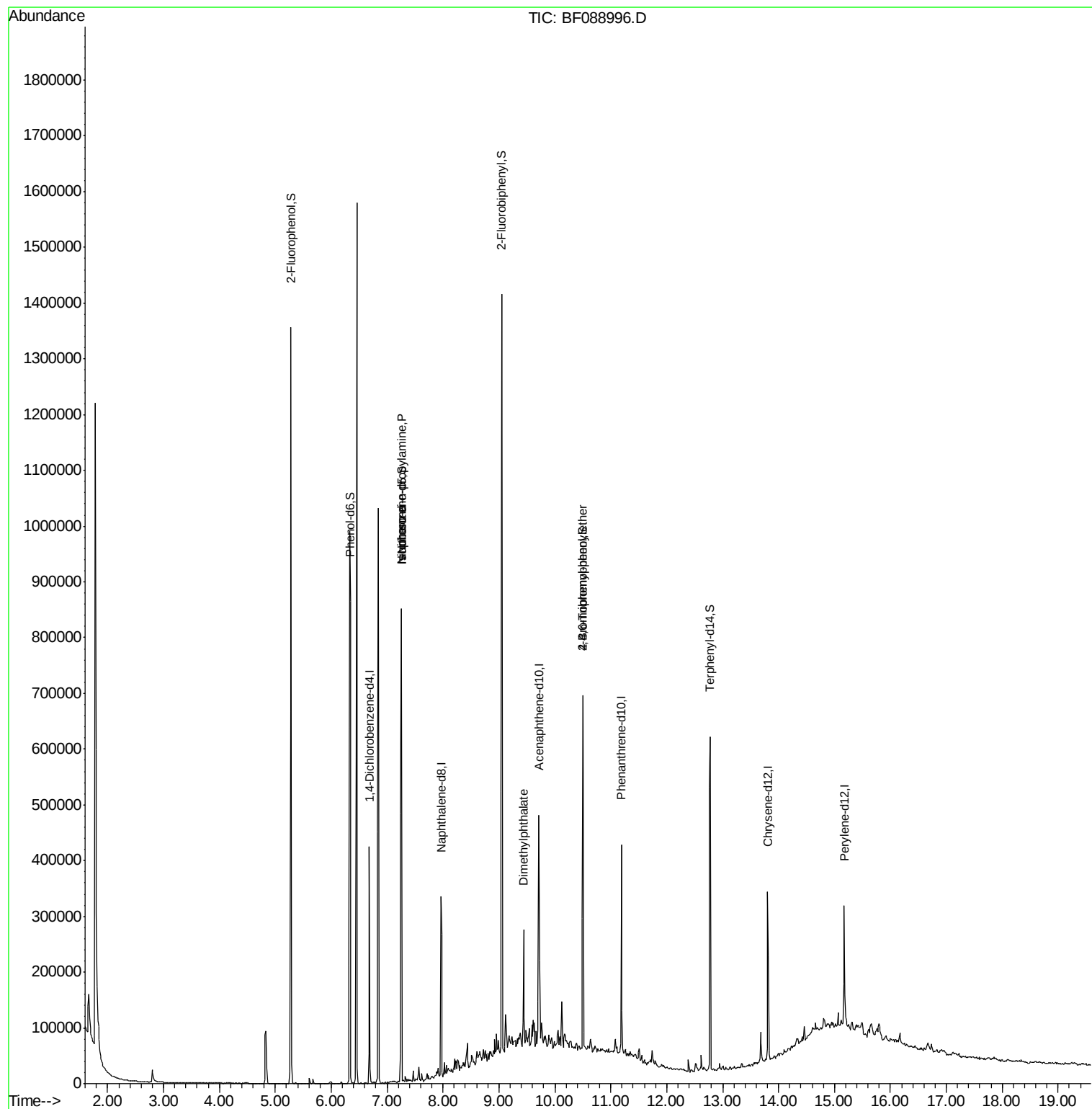
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	56818	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	189236	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	76838	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	122204	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	100831	20.00	ng	-0.05
86) Perylene-d12	15.18	264	81495	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	400380	105.61	ng	-0.01
7) Phenol-d6	6.34	99	523761	106.92	ng	-0.01
23) Nitrobenzene-d5	7.26	82	336697	93.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	63313	88.73	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	425486	87.47	ng	-0.02
78) Terphenyl-d14	12.78	244	243245	53.73	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	45420	13.80	ng	# 71
25) Isophorone	7.26	82	325005	48.59	ng	# 65
49) Dimethylphthalate	9.44	163	74072	13.53	ng	99
66) 4-Bromophenyl-phenylether	10.50	248	5319	4.32	ng	# 1

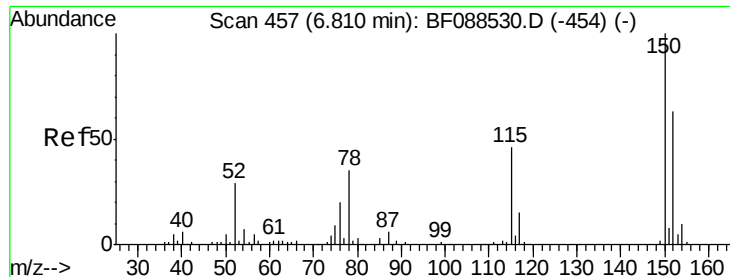
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

U2-B1(0-11)C

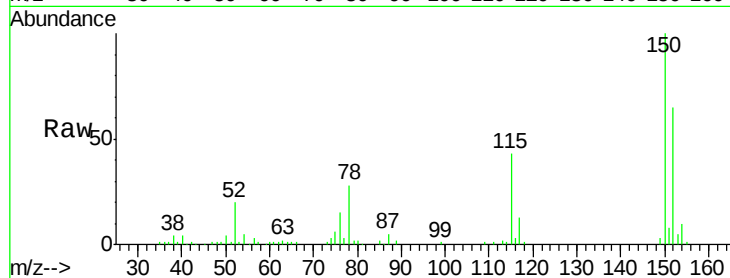
Tgt Ion:152 Resp: 56818

Ion Ratio Lower Upper

152 100

150 152.7 123.8 185.6

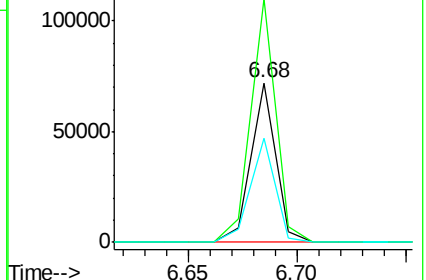
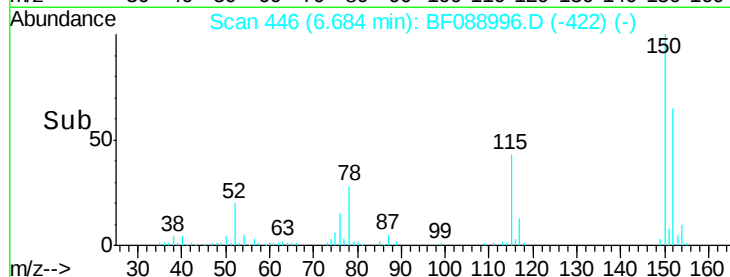
115 65.1 39.6 59.4#



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: 105.61 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

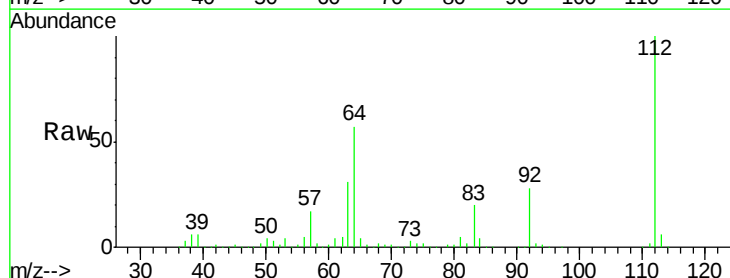
Tgt Ion:112 Resp: 400380

Ion Ratio Lower Upper

112 100

64 56.5 42.2 63.2

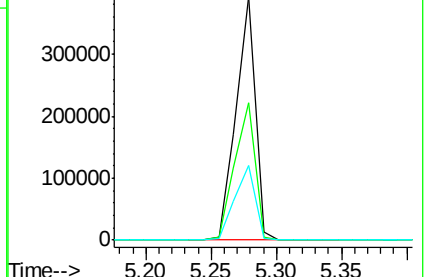
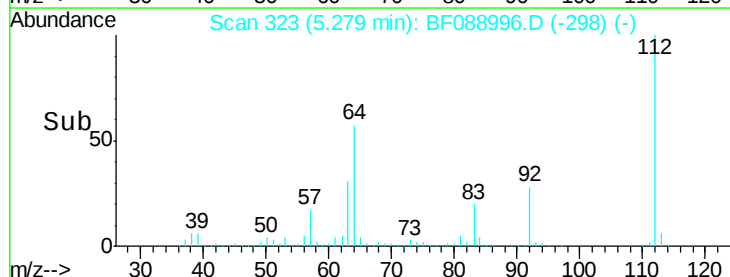
63 30.6 21.8 32.8



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: 106.92 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

U2-B1(0-11)C

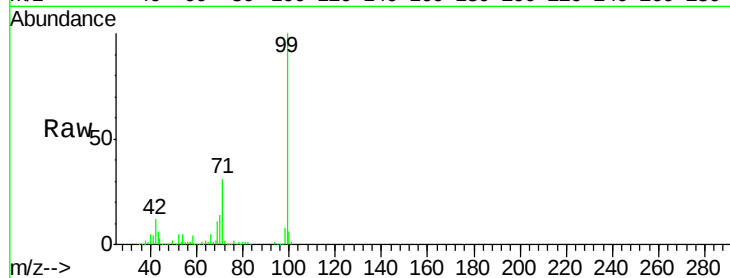
Tgt Ion: 99 Resp: 523761

Ion Ratio Lower Upper

99 100

42 12.2 12.2 18.2

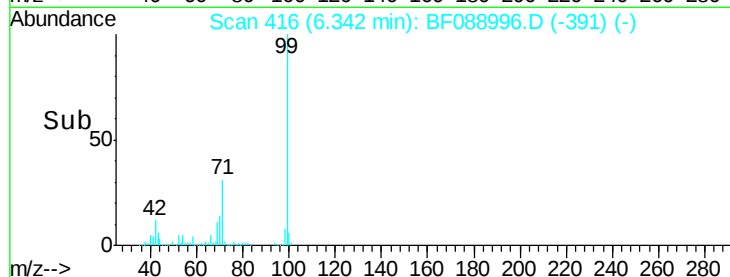
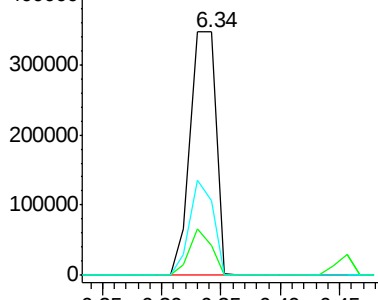
71 30.8 23.4 35.0



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: 13.80 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.11 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Tgt Ion: 70 Resp: 45420

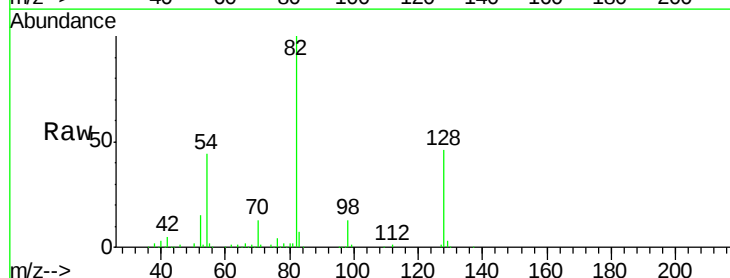
Ion Ratio Lower Upper

70 100

42 41.0 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

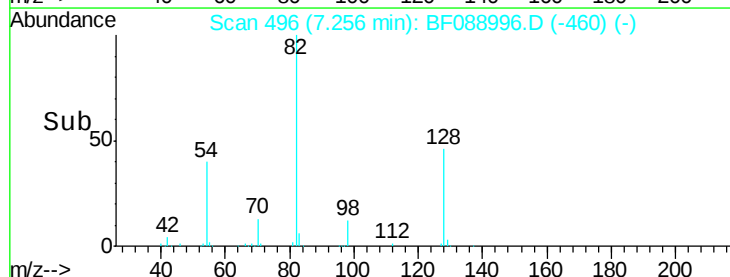
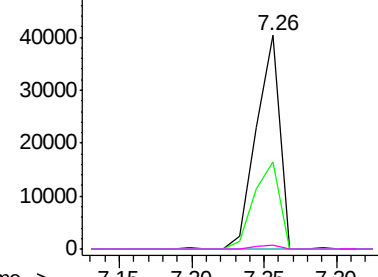


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.96 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

U2-B1(0-11)C

Tgt Ion:136 Resp: 189236

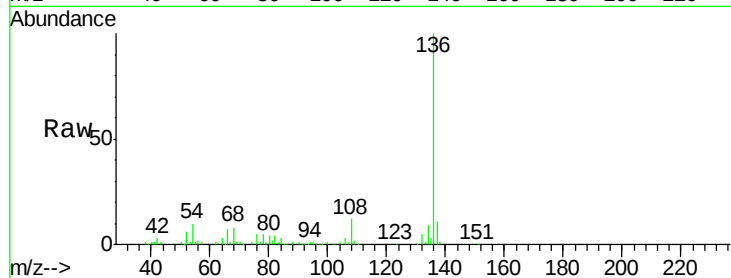
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.2 6.6 10.0#

68 7.7 5.1 7.7

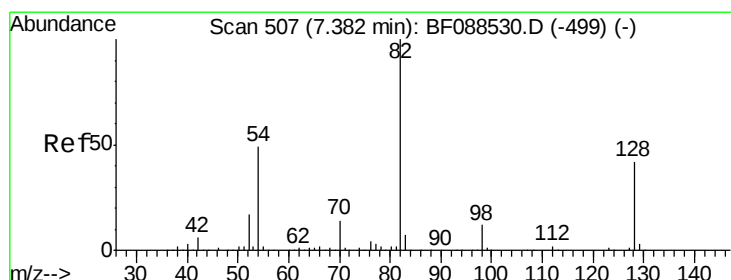
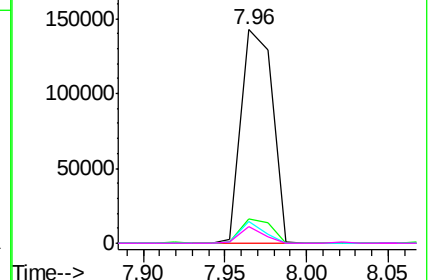
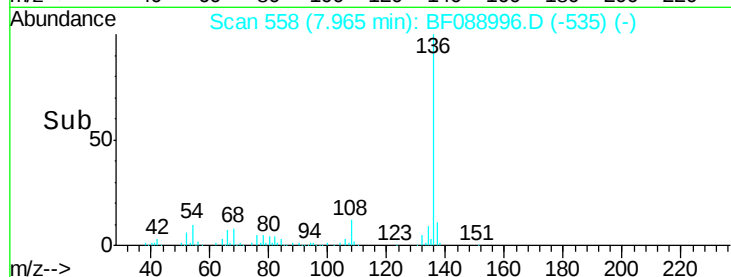


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.24 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

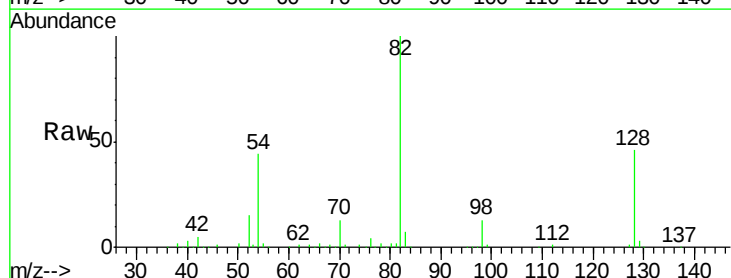
Tgt Ion: 82 Resp: 336697

Ion Ratio Lower Upper

82 100

128 45.5 35.9 53.9

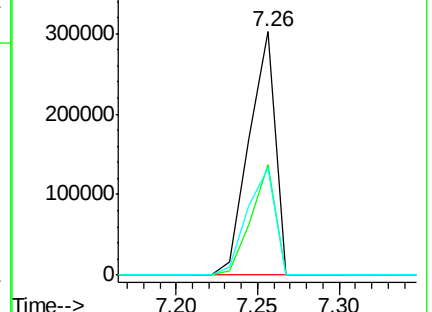
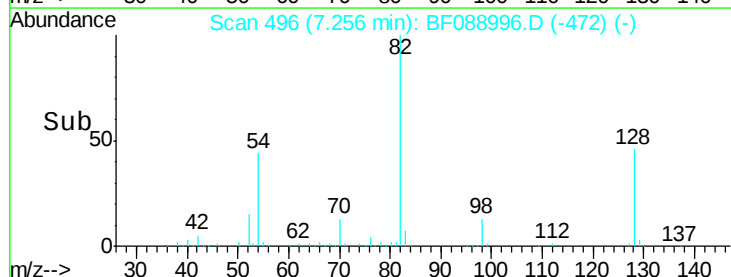
54 43.7 40.9 61.3

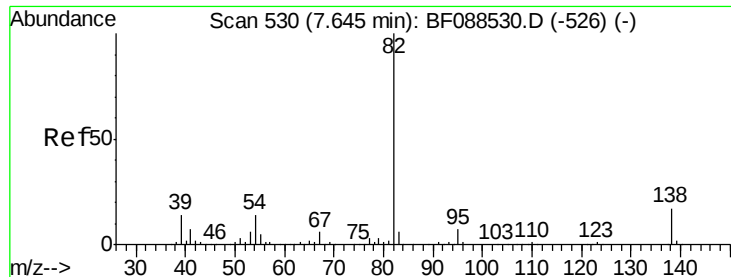


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.59 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.29 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

U2-B1(0-11)C

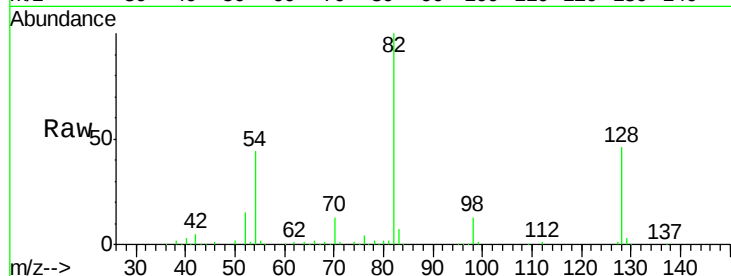
Tgt Ion: 82 Resp: 325005

Ion Ratio Lower Upper

82 100

95 0.2 5.4 8.2#

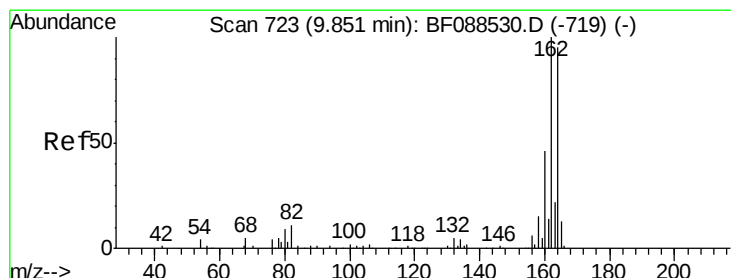
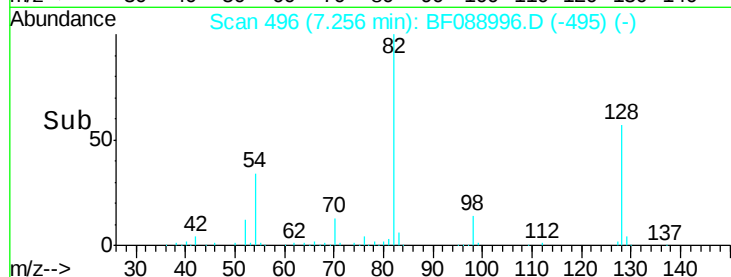
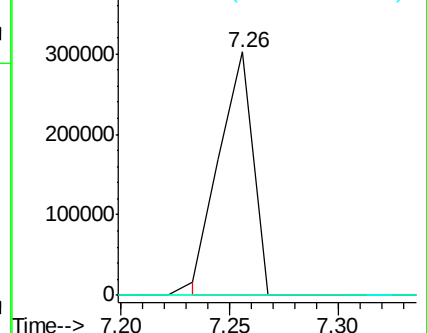
138 0.0 14.6 21.8#



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: 9.71 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

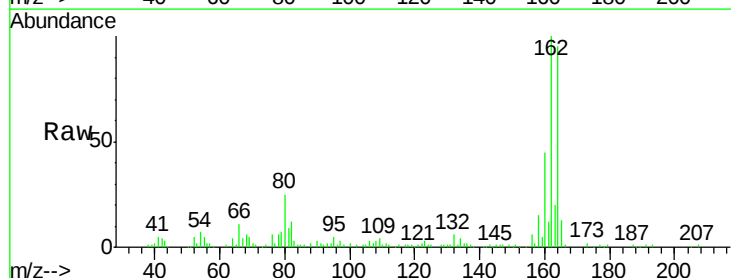
Tgt Ion: 164 Resp: 76838

Ion Ratio Lower Upper

164 100

162 104.8 85.4 128.2

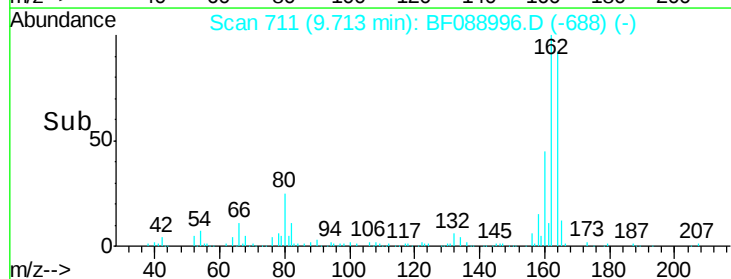
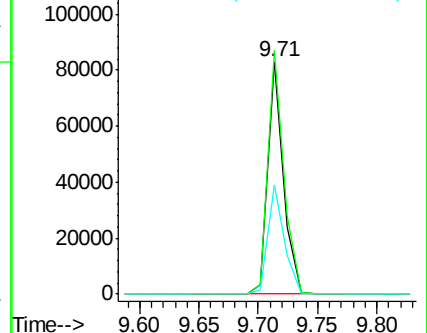
160 46.8 39.5 59.3

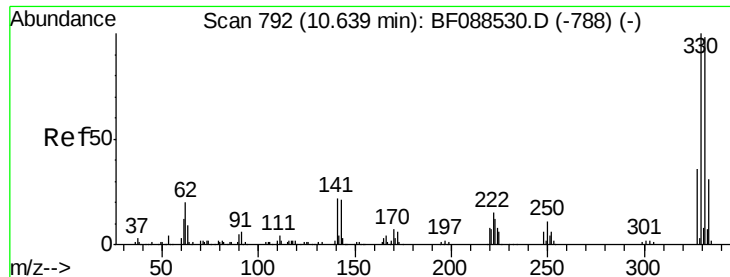


Abundance Ion 164.00 (163.70 to 164.70): BF088530.D (-719) (-)

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

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

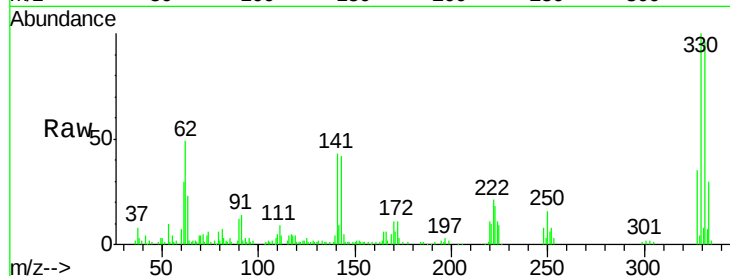




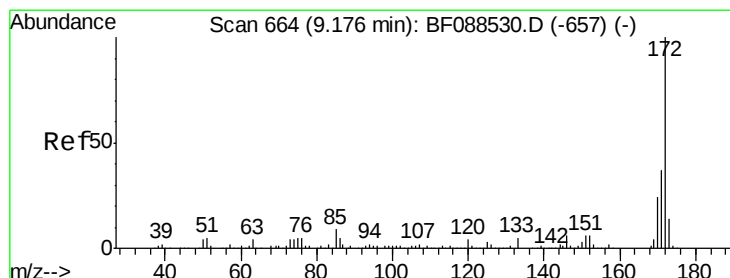
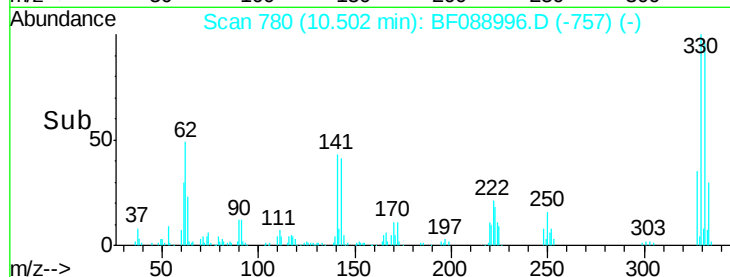
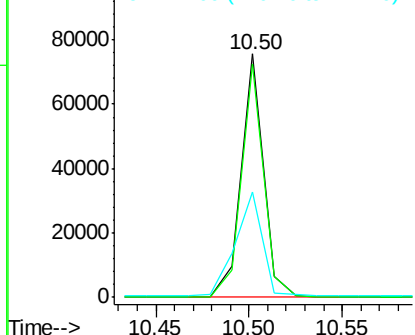
#41
 2,4,6-Tribromophenol
 Concen: 88.73 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF088996.D
 Acq: 14 Jul 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :
 U2-B1(0-11)C

Tgt Ion:330 Resp: 63313
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 51.7 0.0 0.0#

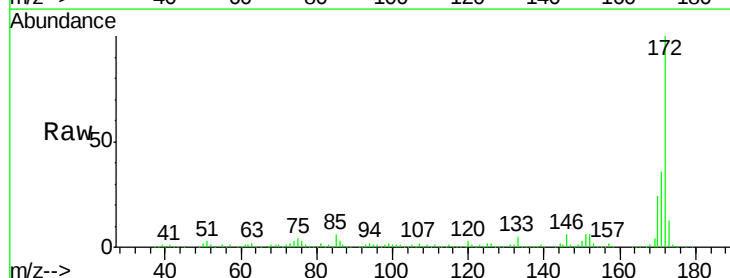


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

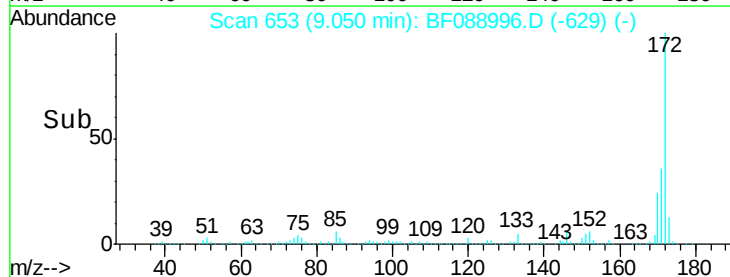
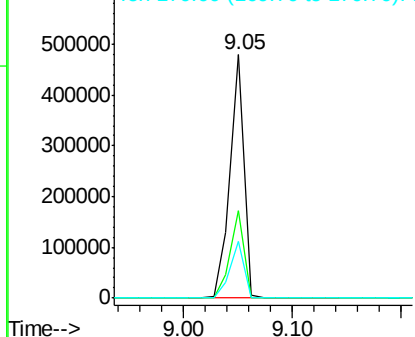


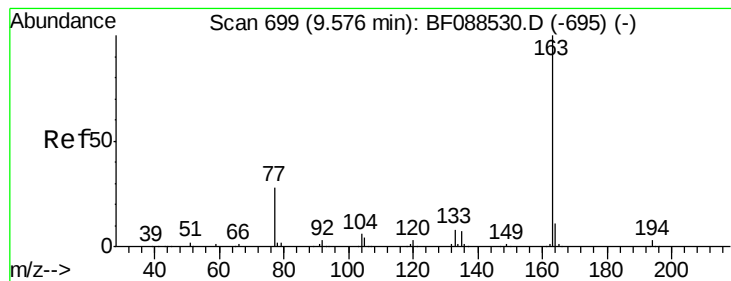
#44
 2-Fluorobiphenyl
 Concen: 87.47 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088996.D
 Acq: 14 Jul 2016 20:19

Tgt Ion:172 Resp: 425486
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.5 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: 13.53 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

U2-B1(0-11)C

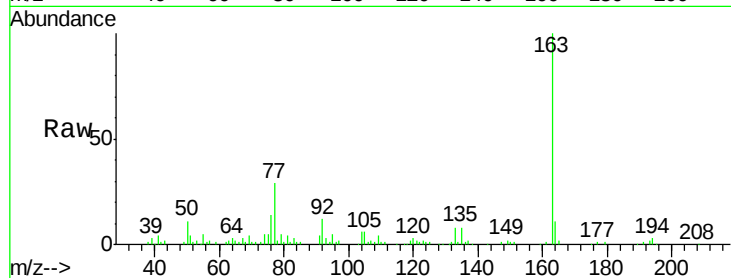
Tgt Ion:163 Resp: 74072

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

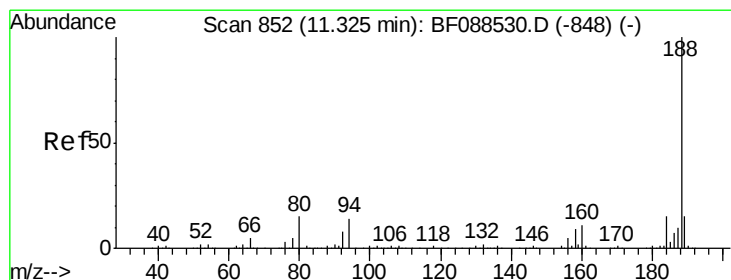
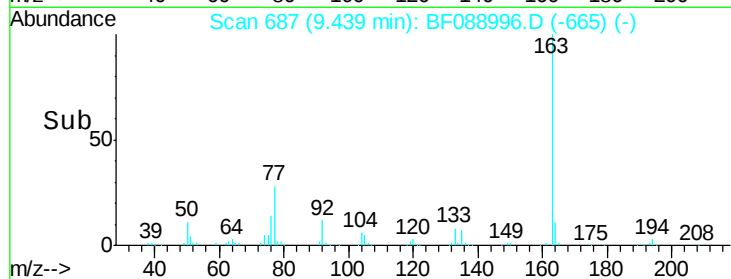
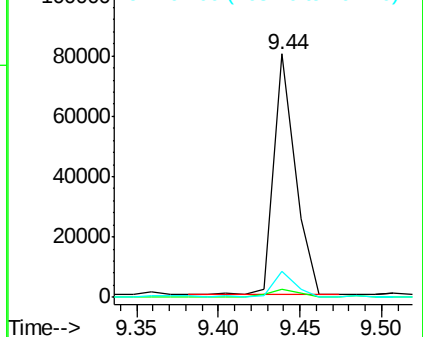
164 10.8 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.03 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

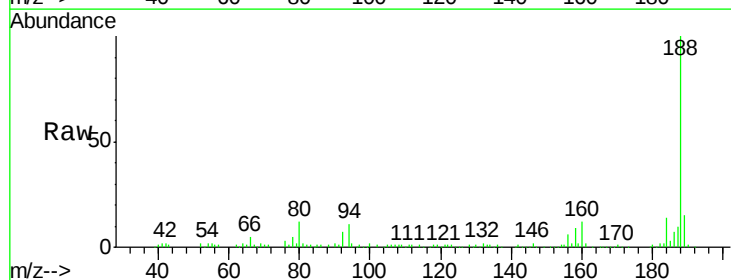
Tgt Ion:188 Resp: 122204

Ion Ratio Lower Upper

188 100

94 11.4 9.0 13.6

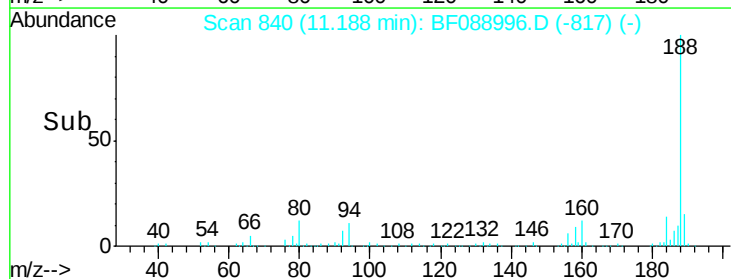
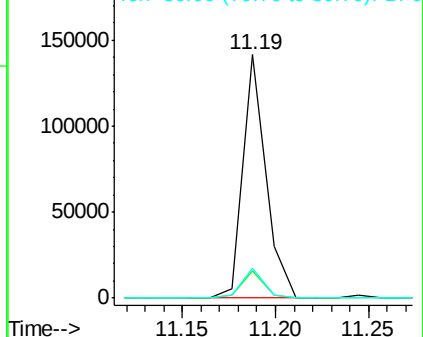
80 12.5 10.0 15.0

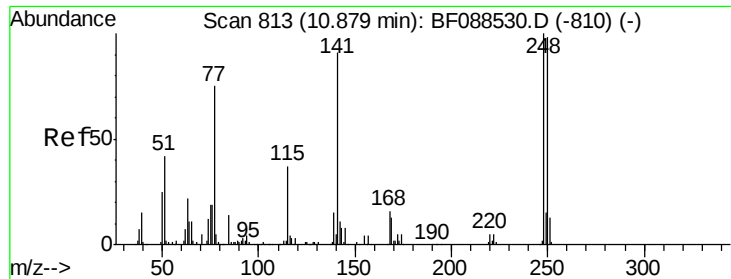


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.32 ng

RT: 10.50 min Scan# 780

Delta R.T. -0.27 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

U2-B1(0-11)C

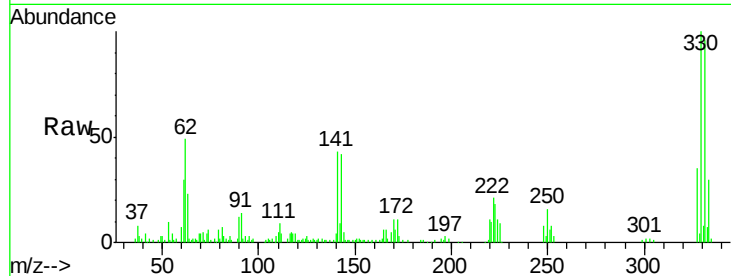
Tgt Ion:248 Resp: 5319

Ion Ratio Lower Upper

248 100

250 199.8 77.1 115.7#

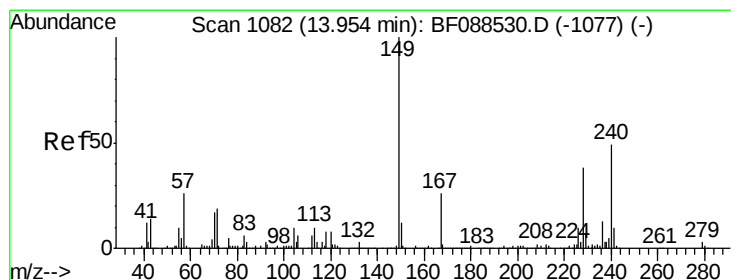
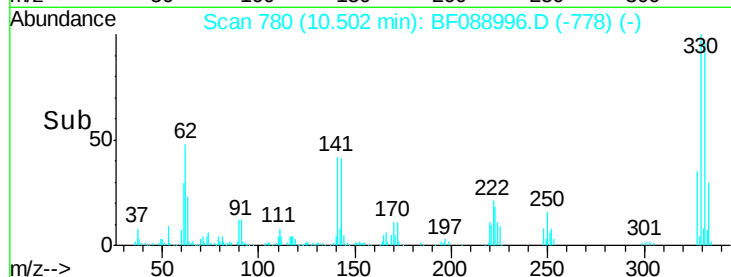
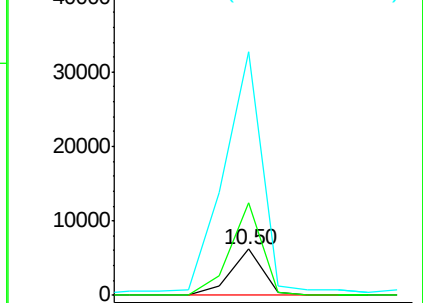
141 528.8 50.6 76.0#



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: 13.81 min Scan# 1069

Delta R.T. -0.05 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

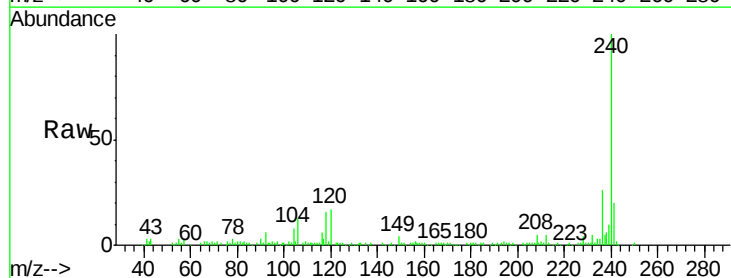
Tgt Ion:240 Resp: 100831

Ion Ratio Lower Upper

240 100

120 16.8 6.8 10.2#

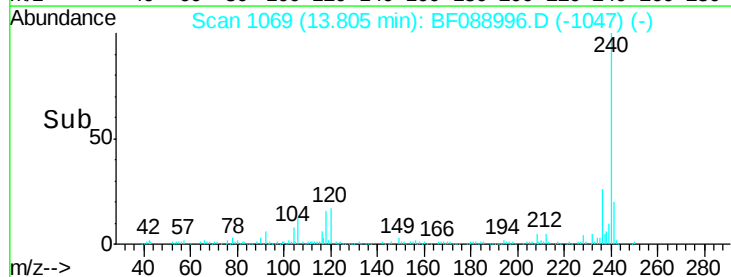
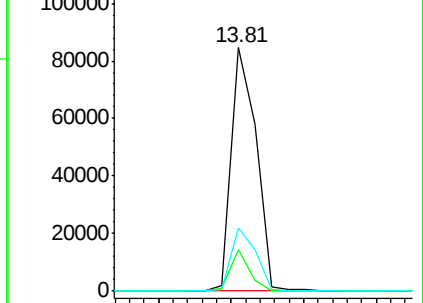
236 25.7 20.2 30.2



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

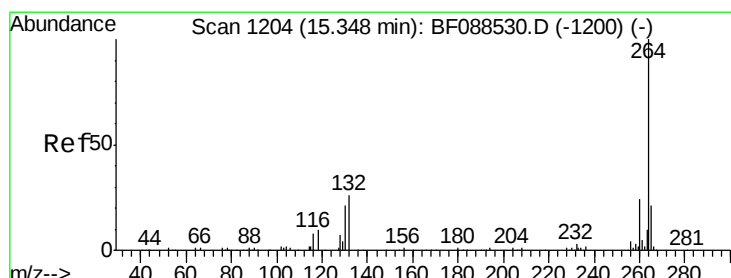
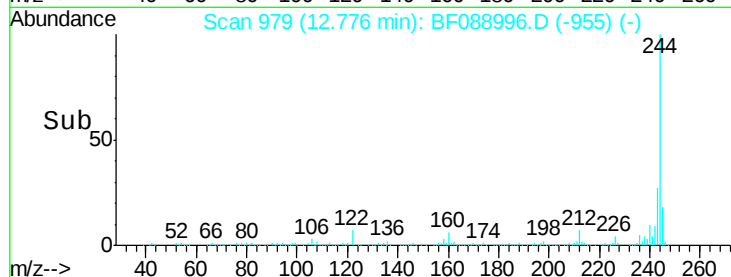
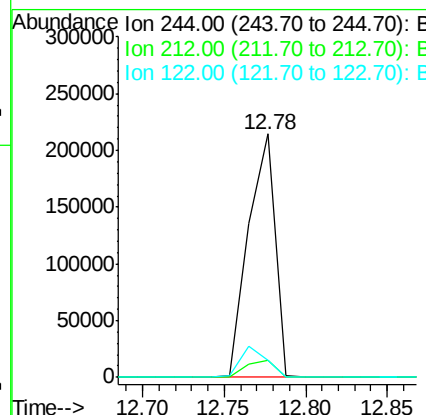
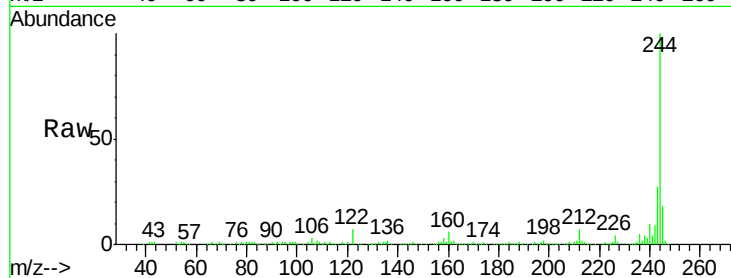




#78
 Terphenyl-d14
 Concen: 53.73 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF088996.D
 Acq: 14 Jul 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :
 U2-B1(0-11)C

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	6.8	11.2	16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF088996.D
 Acq: 14 Jul 2016 20:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	16.9	25.3

