

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF085995.D
 Acq On : 2 Apr 2016 7:22
 Operator : UM/SJ
 Sample : H2055-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-2(5-10)

Quant Time: Apr 04 00:59:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

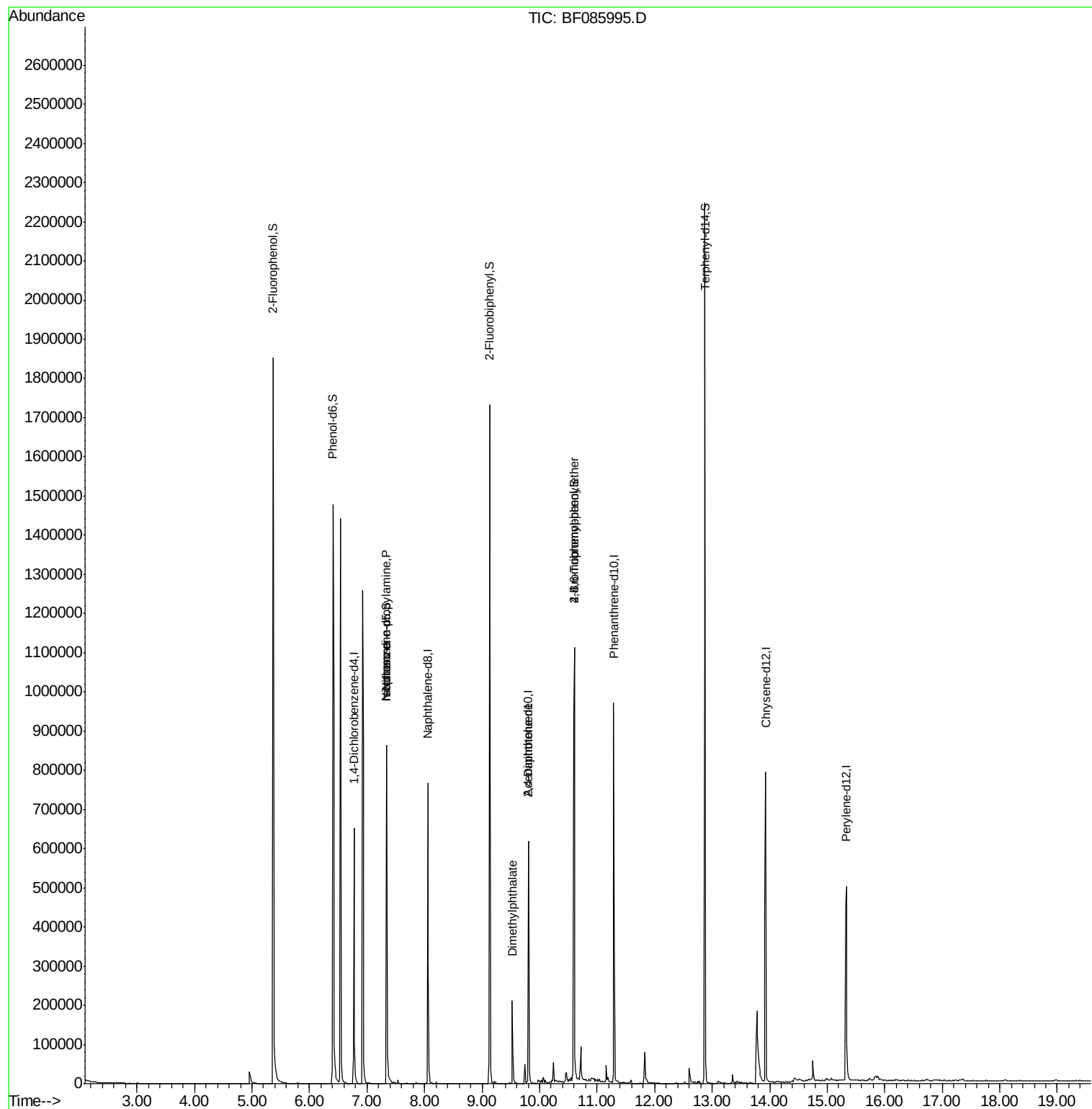
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	102232	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	405542	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	183971	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	375868	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	327449	20.00	ng	0.00
86) Perylene-d12	15.33	264	282375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	578856	96.78	ng	0.00
7) Phenol-d6	6.41	99	745670	98.15	ng	-0.01
23) Nitrobenzene-d5	7.33	82	471596	68.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	199603	115.60	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	721708	65.23	ng	-0.01
78) Terphenyl-d14	12.88	244	774250	55.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	59875	12.72	ng	# 82
25) Isophorone	7.33	82	471145	34.71	ng	# 68
49) Dimethylphthalate	9.53	163	91502	6.71	ng	99
56) 2,4-Dinitrotoluene	9.80	165	22892	6.28	ng	# 35
66) 4-Bromophenyl-phenylether	10.60	248	12505	3.26	ng	# 1

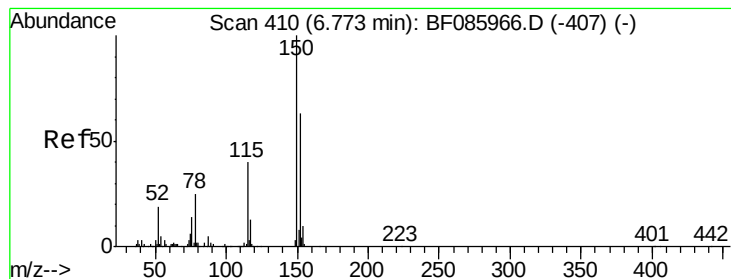
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

Instrument :

BNA_F

ClientSampleId :

BH-2(5-10)

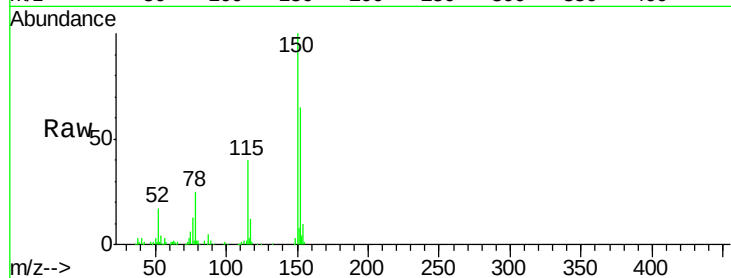
Tgt Ion:152 Resp: 102232

Ion Ratio Lower Upper

152 100

150 154.5 124.2 186.2

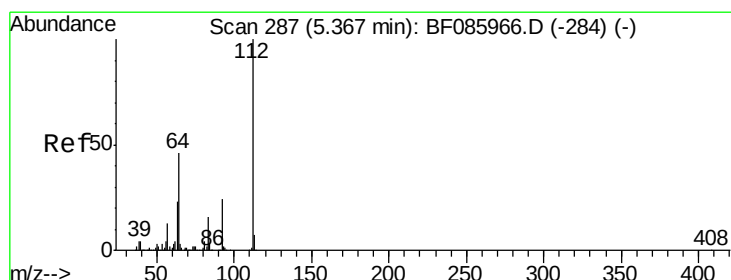
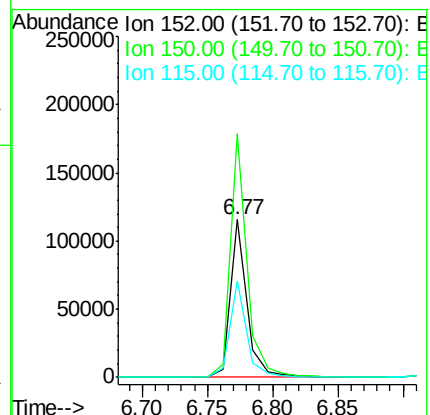
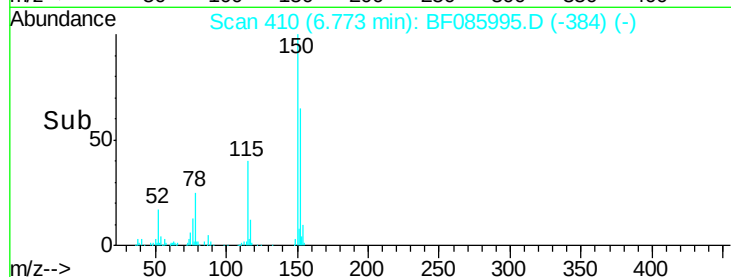
115 61.1 47.0 70.6



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: 96.78 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

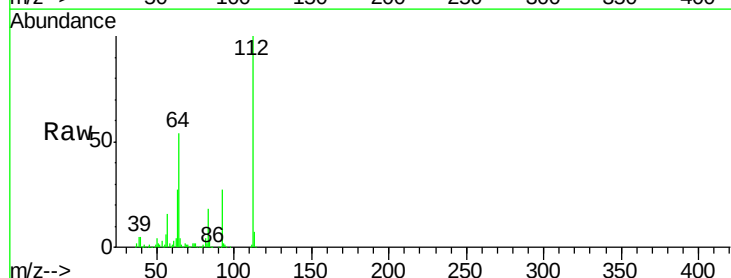
Tgt Ion:112 Resp: 578856

Ion Ratio Lower Upper

112 100

64 54.1 39.9 59.9

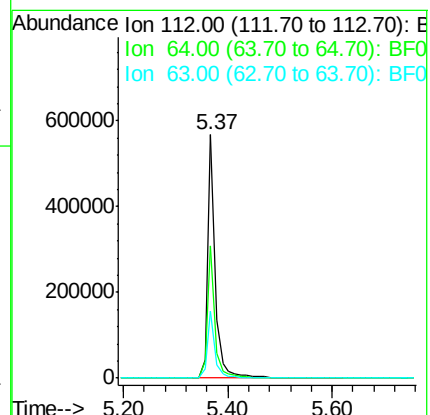
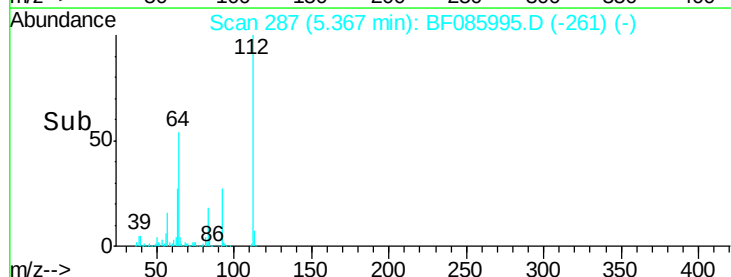
63 27.3 20.2 30.2

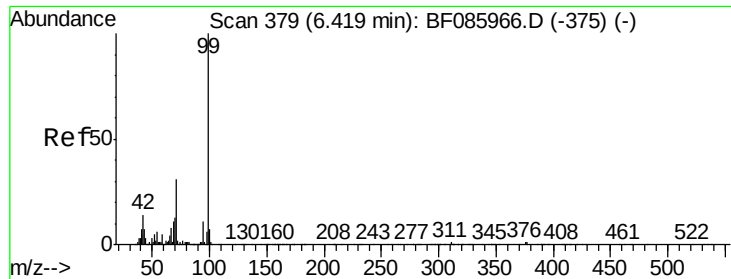


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.15 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

Instrument :

BNA_F

ClientSampleId :

BH-2(5-10)

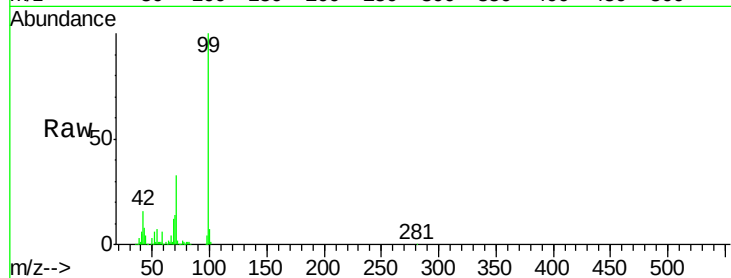
Tgt Ion: 99 Resp: 745670

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

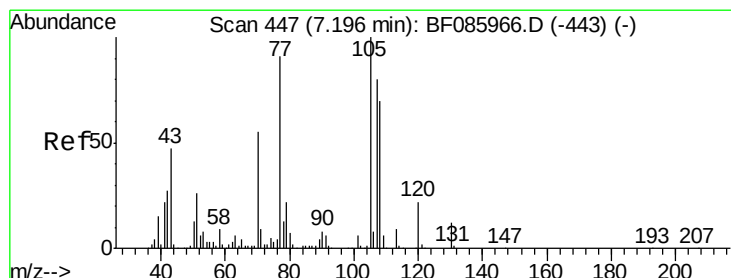
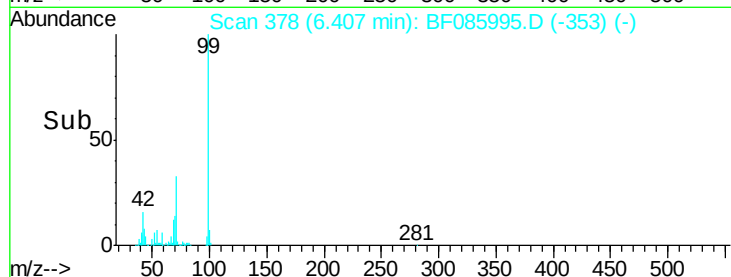
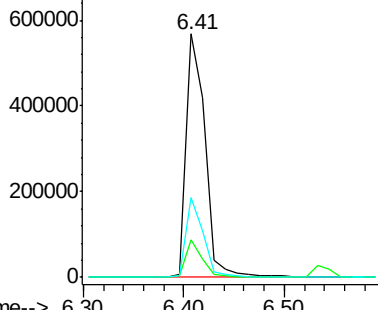
71 32.9 24.9 37.3



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: 12.72 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

Tgt Ion: 70 Resp: 59875

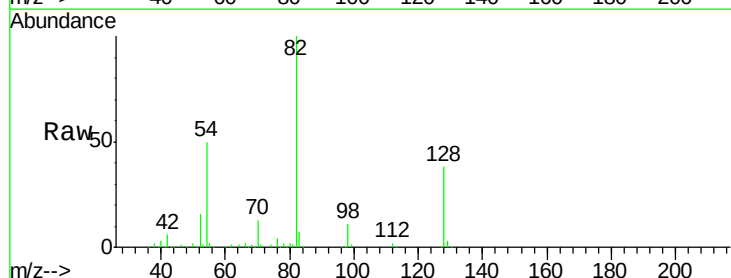
Ion Ratio Lower Upper

70 100

42 45.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.0 19.6 29.4#

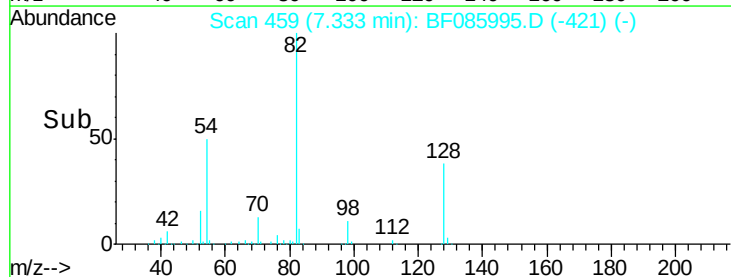
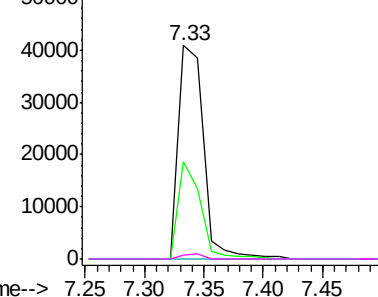


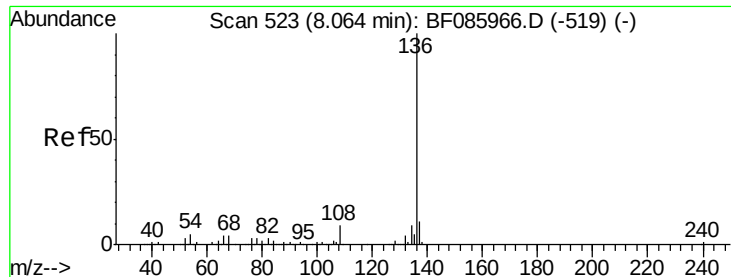
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

Instrument :

BNA_F

ClientSampleId :

BH-2(5-10)

Tgt Ion:136 Resp: 405542

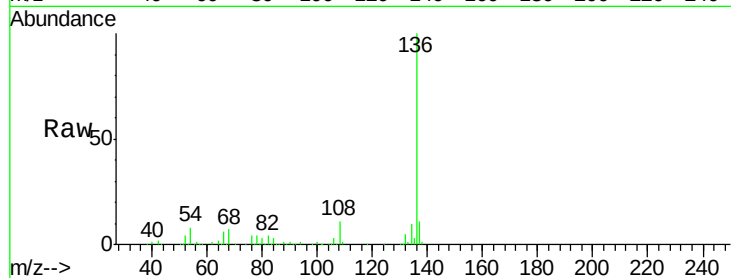
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.2 7.4 11.0

68 6.7 5.8 8.8

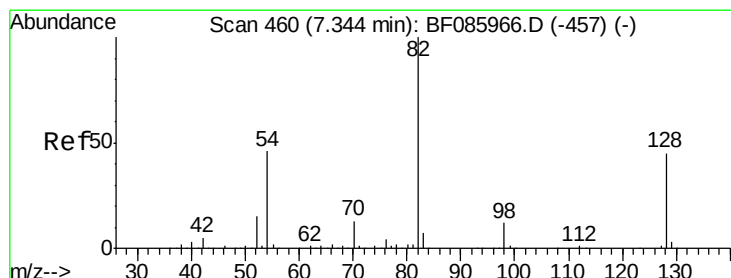
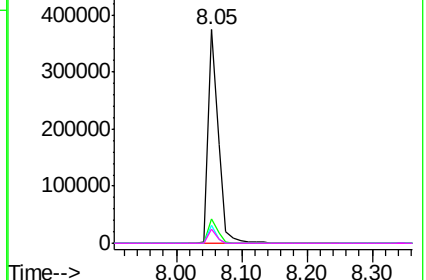
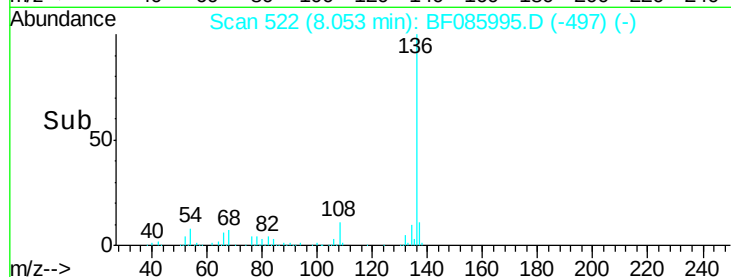


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.58 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

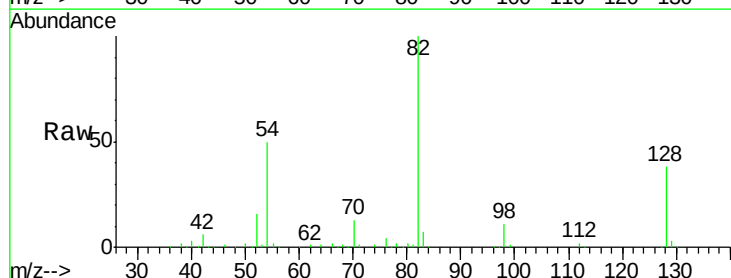
Tgt Ion: 82 Resp: 471596

Ion Ratio Lower Upper

82 100

128 37.5 41.8 62.8#

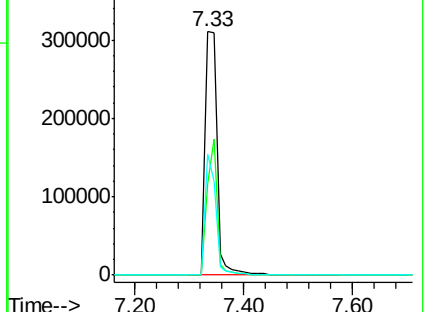
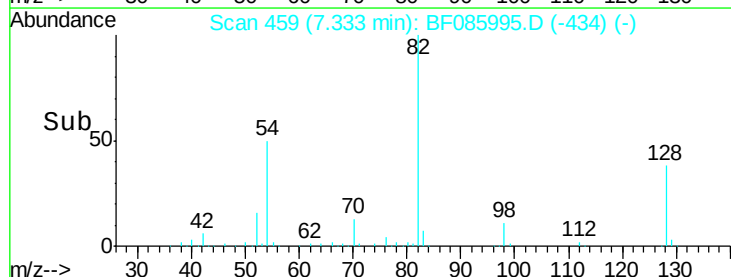
54 49.8 33.4 50.0

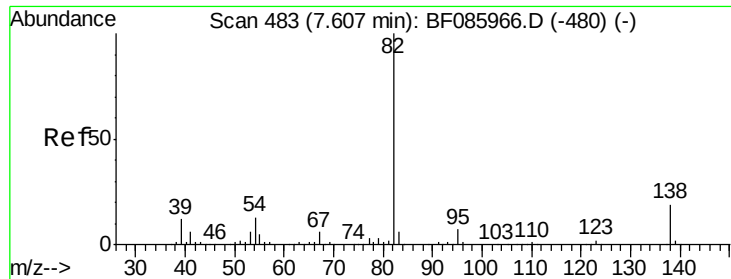


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.71 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

Instrument :

BNA_F

ClientSampleId :

BH-2(5-10)

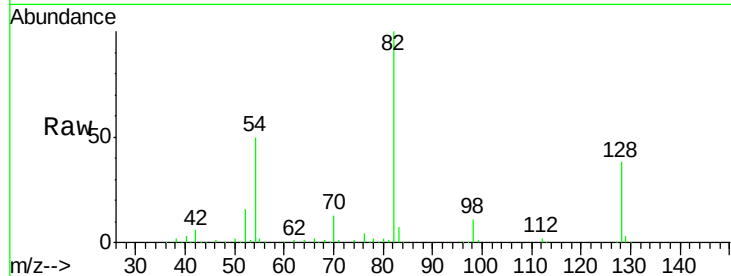
Tgt Ion: 82 Resp: 471145

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

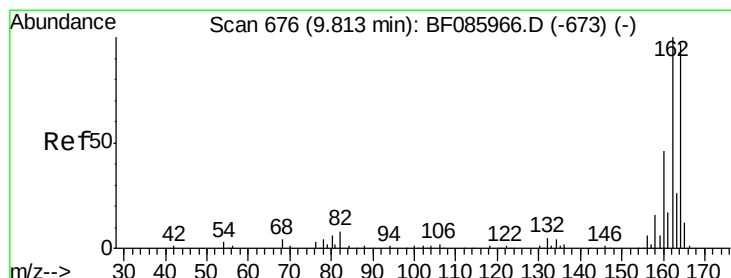
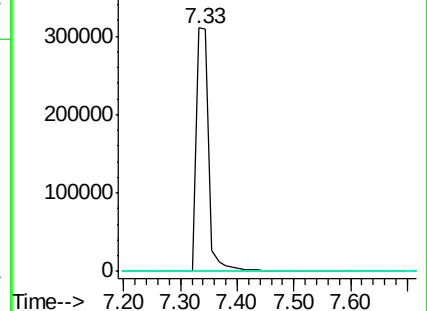
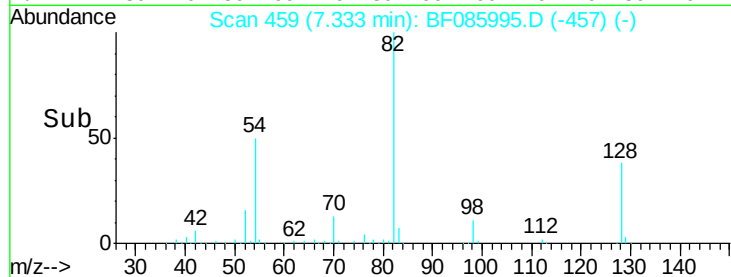
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF085995.D (-457) (-)

Ion 95.00 (94.70 to 95.70): BF085995.D (-457) (-)

Ion 138.00 (137.70 to 138.70): BF085995.D (-457) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

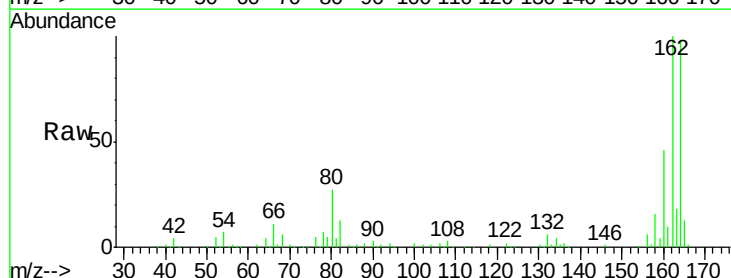
Tgt Ion: 164 Resp: 183971

Ion Ratio Lower Upper

164 100

162 102.2 82.1 123.1

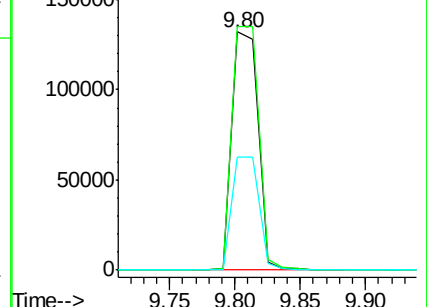
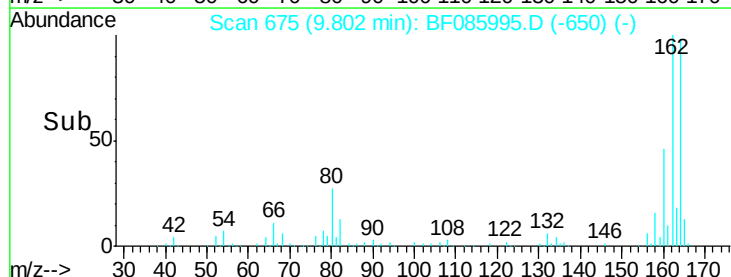
160 47.2 37.4 56.2

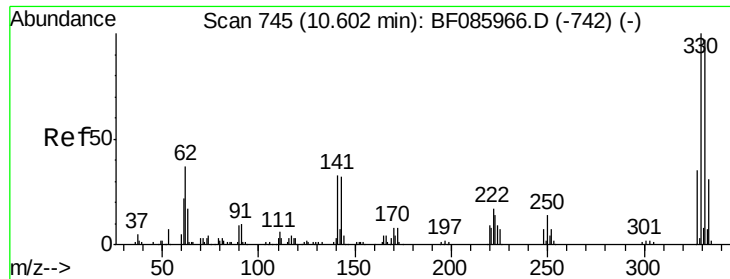


Abundance Ion 164.00 (163.70 to 164.70): BF085995.D (-650) (-)

Ion 162.00 (161.70 to 162.70): BF085995.D (-650) (-)

Ion 160.00 (159.70 to 160.70): BF085995.D (-650) (-)

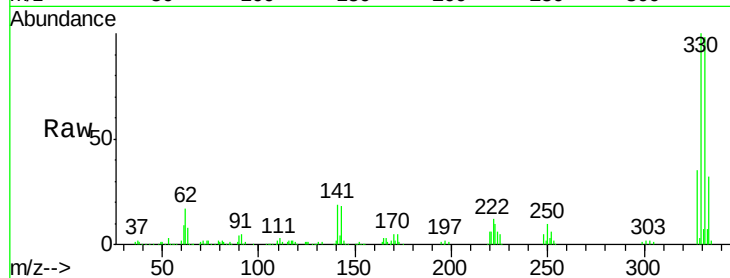




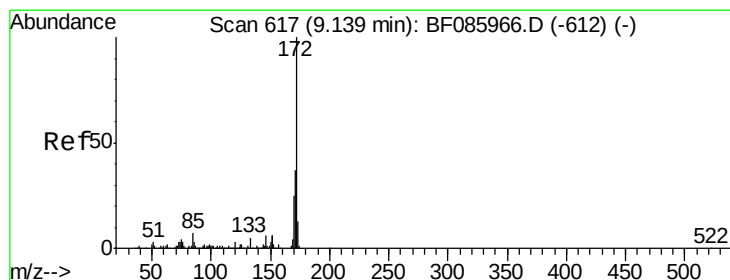
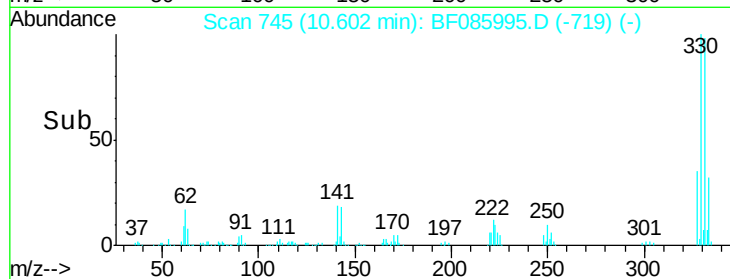
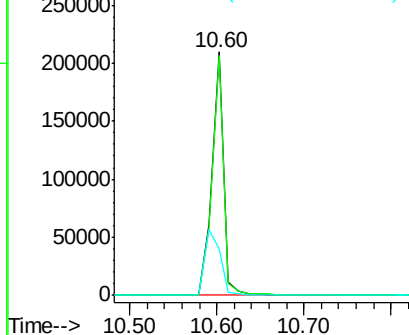
#41
 2,4,6-Tribromophenol
 Concen: 115.60 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085995.D
 Acq: 2 Apr 2016 7:22

Instrument :
 BNA_F
 ClientSampled :
 BH-2(5-10)

Tgt Ion:330 Resp: 199603
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.2
 141 35.6 31.5 47.3

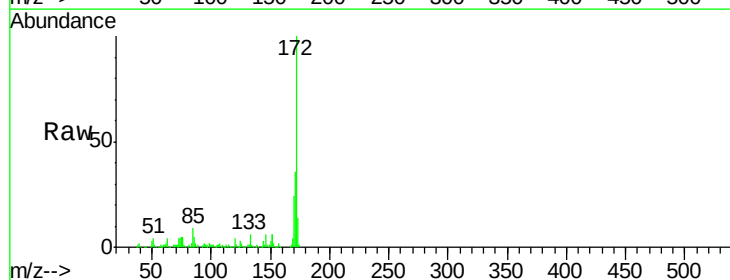


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

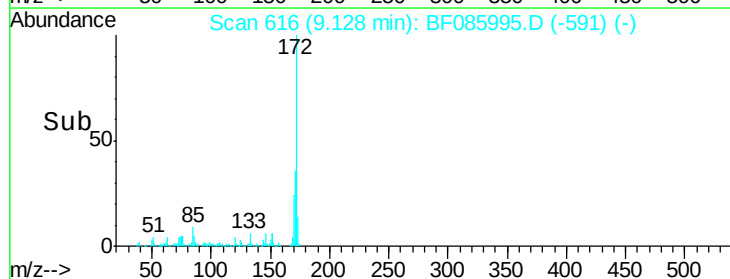
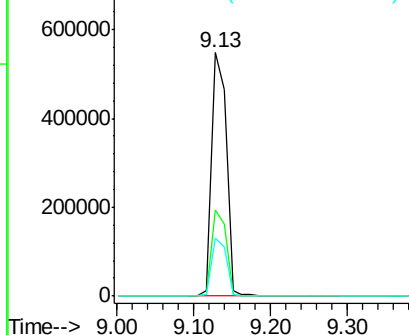


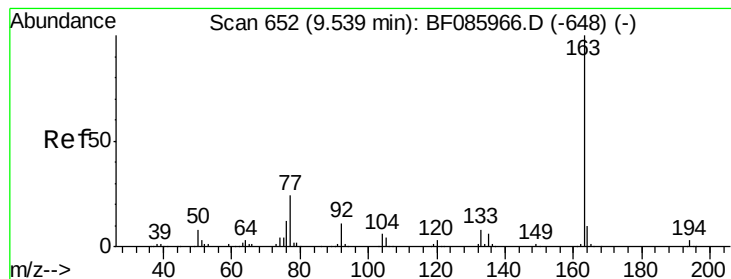
#44
 2-Fluorobiphenyl
 Concen: 65.23 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF085995.D
 Acq: 2 Apr 2016 7:22

Tgt Ion:172 Resp: 721708
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 23.9 19.8 29.6



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: 6.71 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

Instrument :

BNA_F

ClientSampleId :

BH-2(5-10)

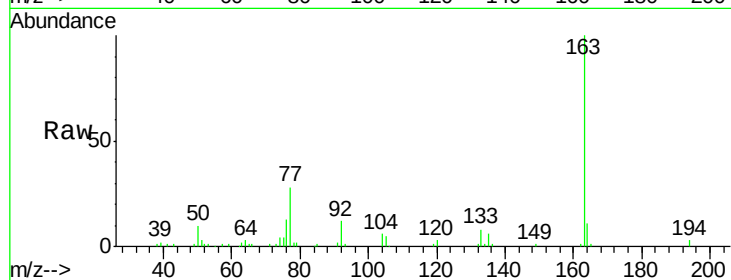
Tgt Ion:163 Resp: 91502

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

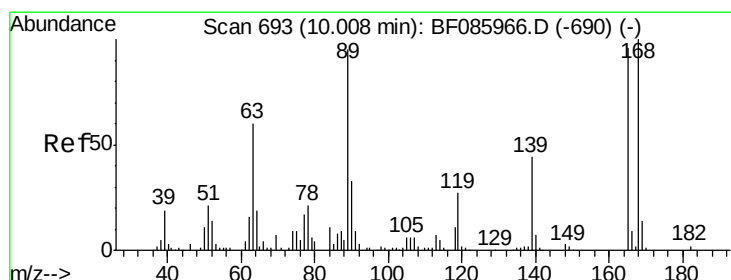
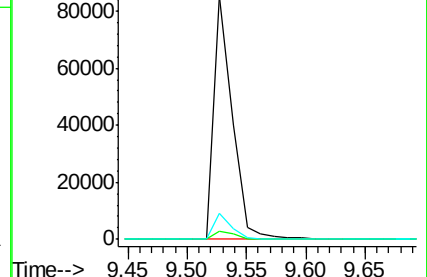
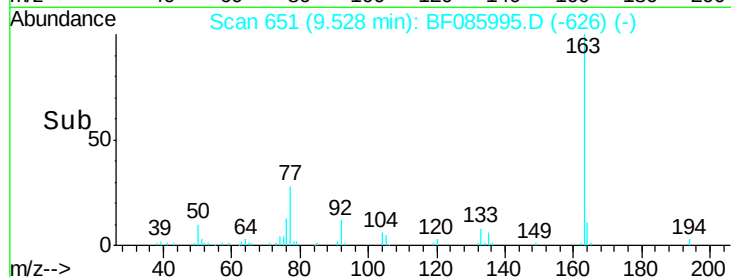
164 10.7 8.3 12.5



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: 6.28 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

Tgt Ion:165 Resp: 22892

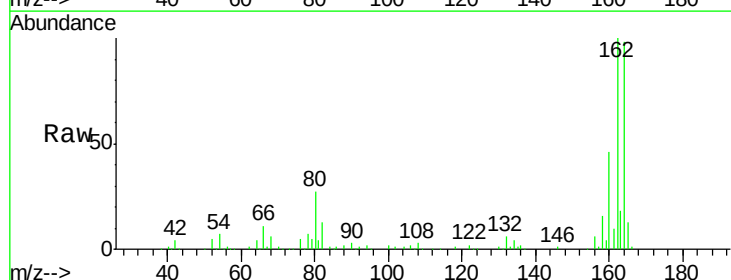
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 0.0 41.0 61.6#

182 0.0 2.1 3.1#

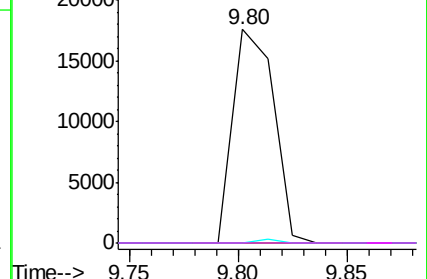
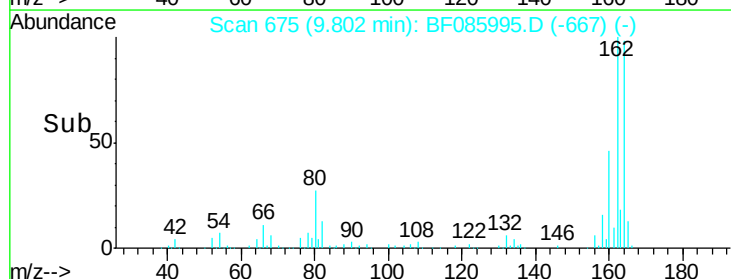


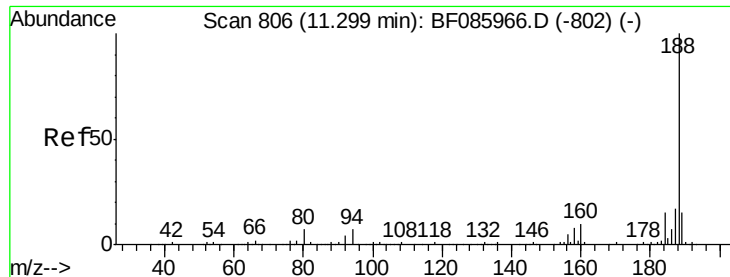
Abundance Ion 165.00 (164.70 to 165.70): E

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

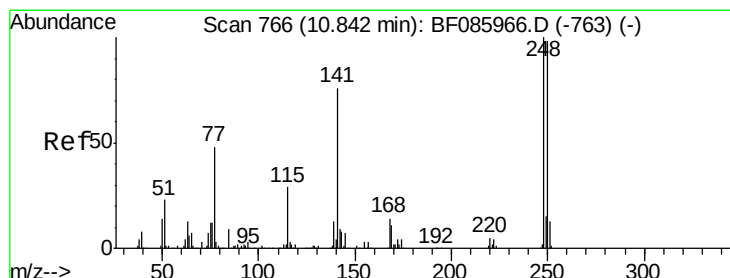
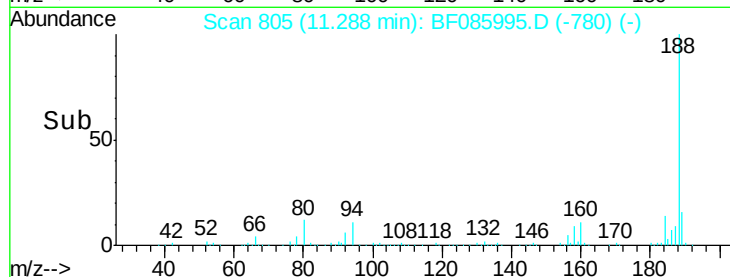
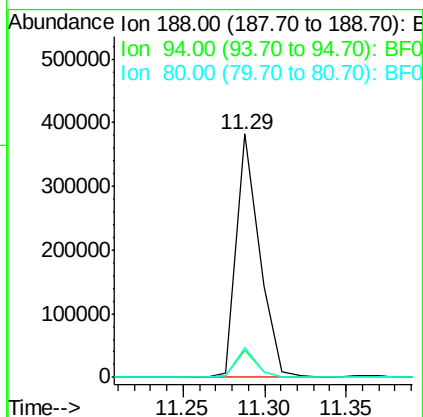
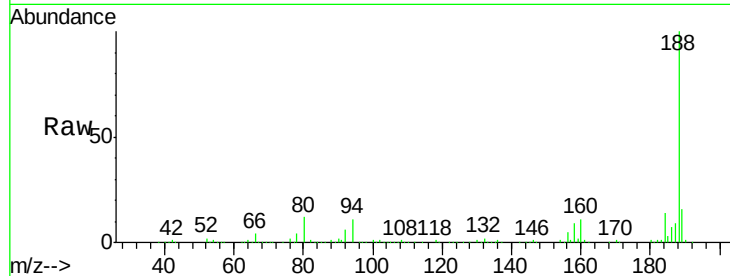




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF085995.D
 Acq: 2 Apr 2016 7:22

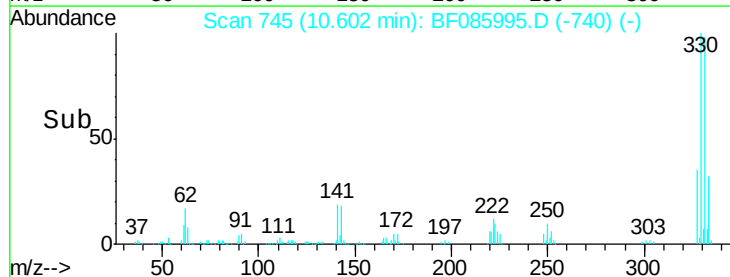
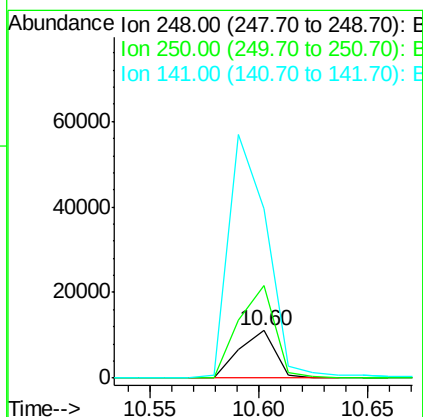
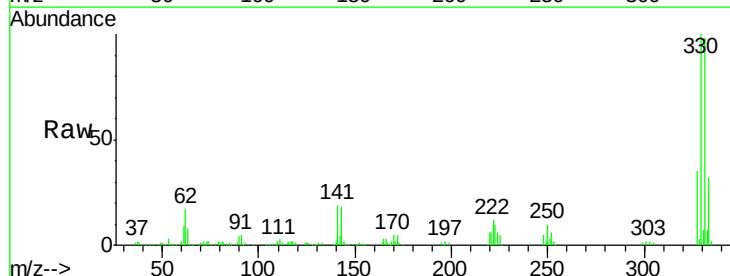
Instrument :
 BNA_F
 ClientSampleId :
 BH-2(5-10)

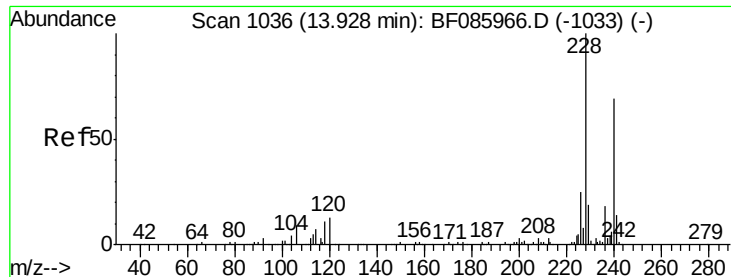
Tgt Ion:188 Resp: 375868
 Ion Ratio Lower Upper
 188 100
 94 11.4 5.4 8.0#
 80 12.5 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.26 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.24 min
 Lab File: BF085995.D
 Acq: 2 Apr 2016 7:22

Tgt Ion:248 Resp: 12505
 Ion Ratio Lower Upper
 248 100
 250 195.5 77.4 116.0#
 141 357.2 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

Instrument :

BNA_F

ClientSampleId :

BH-2(5-10)

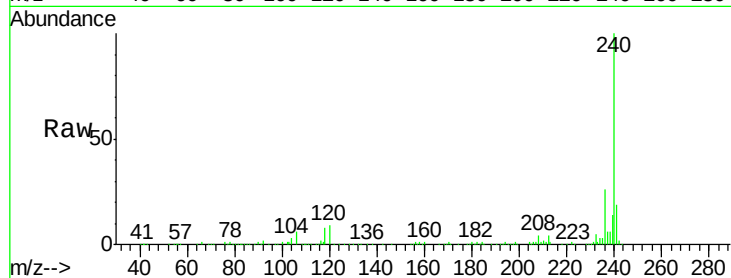
Tgt Ion:240 Resp: 327449

Ion Ratio Lower Upper

240 100

120 9.2 13.8 20.8#

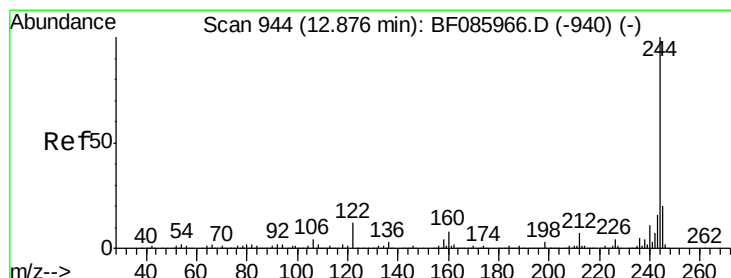
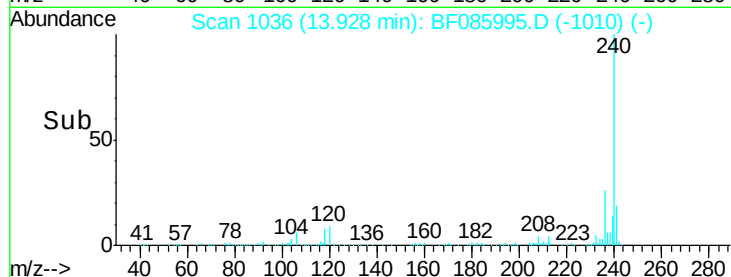
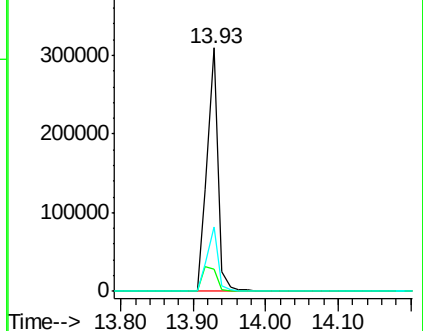
236 26.3 20.6 30.8



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: 55.58 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085995.D

Acq: 2 Apr 2016 7:22

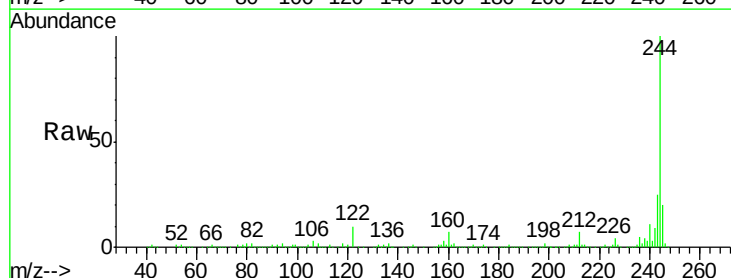
Tgt Ion:244 Resp: 774250

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

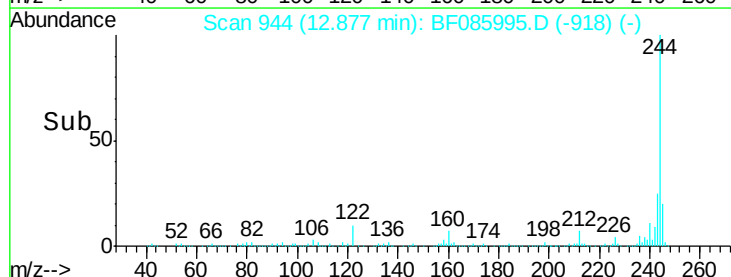
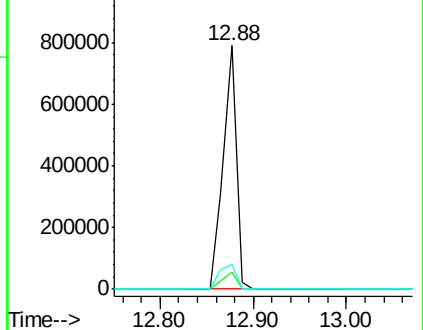
122 9.9 10.2 15.4#

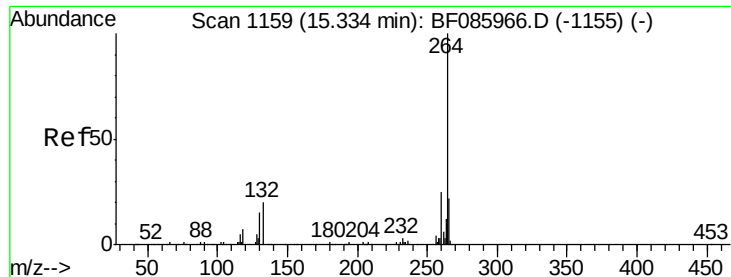


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085995.D
Acq: 2 Apr 2016 7:22

Instrument :
BNA_F
ClientSampleId :
BH-2(5-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.6	17.2	25.8

