

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF085996.D
 Acq On : 2 Apr 2016 7:51
 Operator : UM/SJ
 Sample : H2055-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-3(5-10)

Quant Time: Apr 04 00:59:54 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

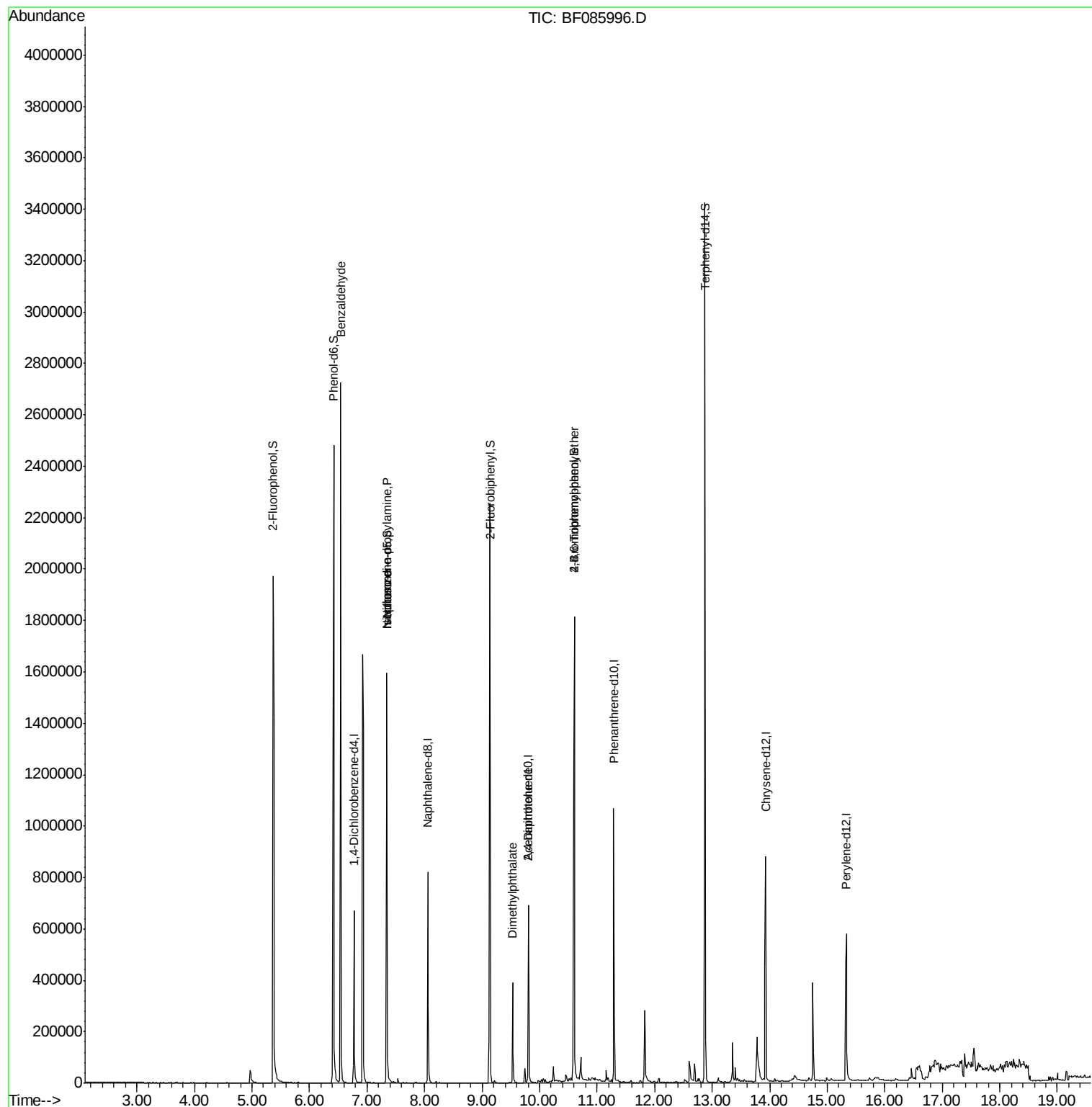
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	104816	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	418354	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	189858	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	379266	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	351081	20.00	ng	0.00
86) Perylene-d12	15.33	264	298869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	841772	137.27	ng	0.00
7) Phenol-d6	6.42	99	1129314	144.99	ng	0.00
23) Nitrobenzene-d5	7.34	82	718804	101.32	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	319066	179.05	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1064745	93.25	ng	0.00
78) Terphenyl-d14	12.88	244	1097646	73.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	19716	4.70	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.34	70	93650	19.40	ng	# 74
25) Isophorone	7.34	82	716318	51.15	ng	# 68
49) Dimethylphthalate	9.53	163	162086	11.52	ng	100
56) 2,4-Dinitrotoluene	9.80	165	24222	6.44	ng	# 37
66) 4-Bromophenyl-phenylether	10.60	248	20273	5.24	ng	# 1

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

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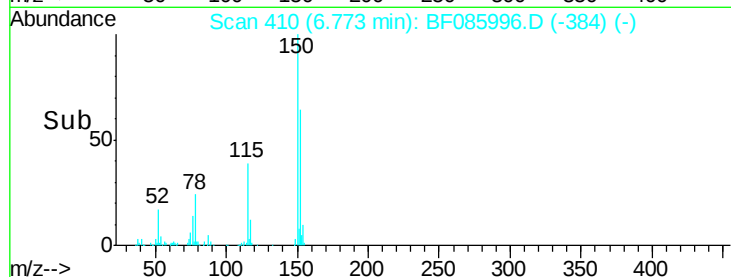
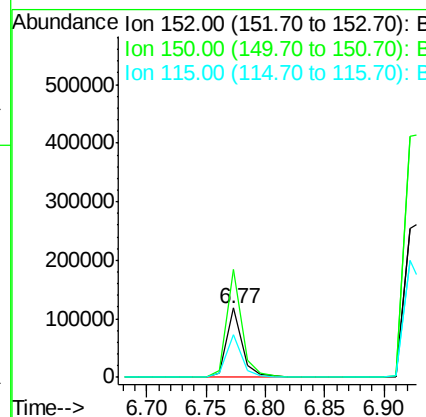
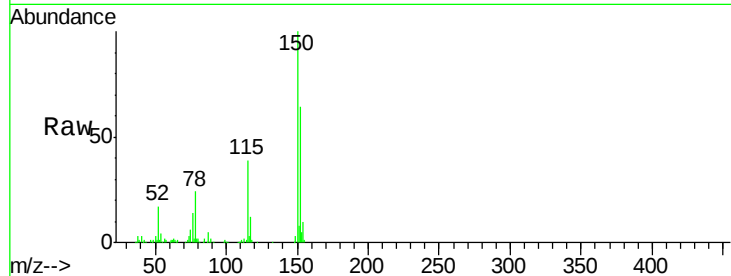


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF085996.D
Acq: 2 Apr 2016 7:51

Instrument :
BNA_F
ClientSampled :
BH-3(5-10)

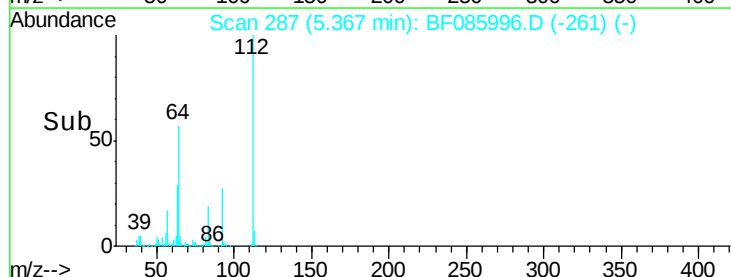
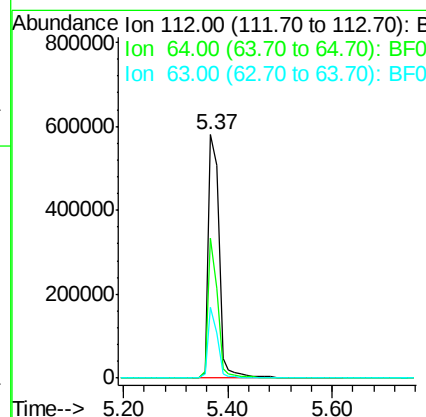
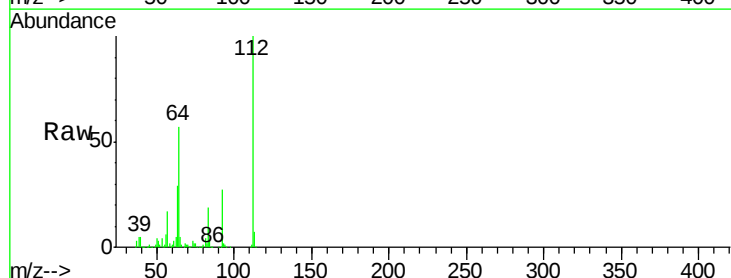
Tgt Ion:152 Resp: 104816
Ion Ratio Lower Upper
152 100
150 156.5 124.2 186.2
115 60.6 47.0 70.6



#5

2-Fluorophenol
Concen: 137.27 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF085996.D
Acq: 2 Apr 2016 7:51

Tgt Ion:112 Resp: 841772
Ion Ratio Lower Upper
112 100
64 57.5 39.9 59.9
63 29.2 20.2 30.2





#7

Phenol-d6

Concen: 144.99 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085996.D

Acq: 2 Apr 2016 7:51

Instrument :

BNA_F

ClientSampleId :

BH-3(5-10)

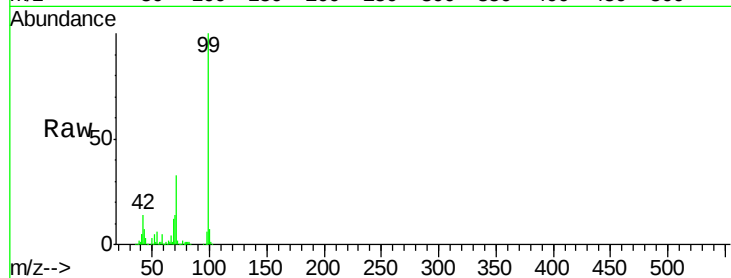
Tgt Ion: 99 Resp: 1129314

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

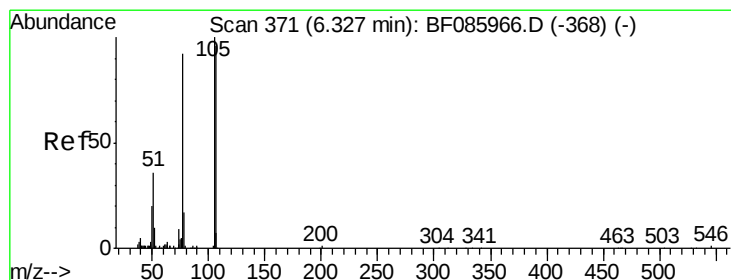
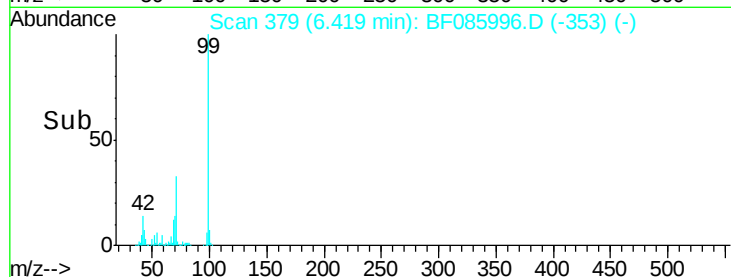
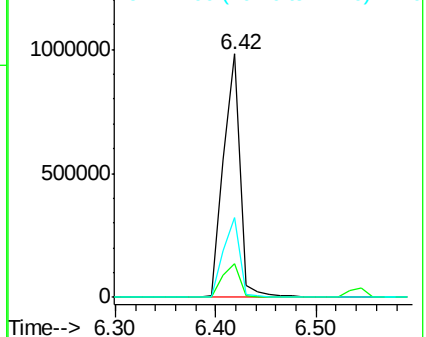
71 32.6 24.9 37.3



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



#9

Benzaldehyde

Concen: 4.70 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF085996.D

Acq: 2 Apr 2016 7:51

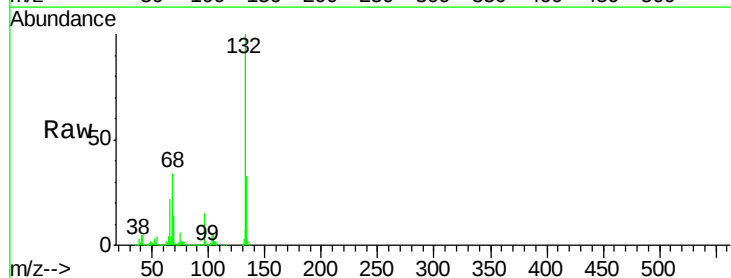
Tgt Ion: 77 Resp: 19716

Ion Ratio Lower Upper

77 100

105 86.3 80.1 120.1

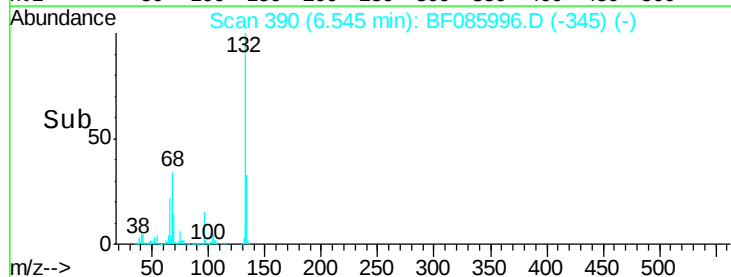
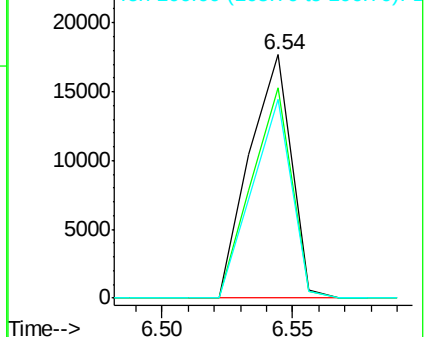
106 81.7 75.0 115.0

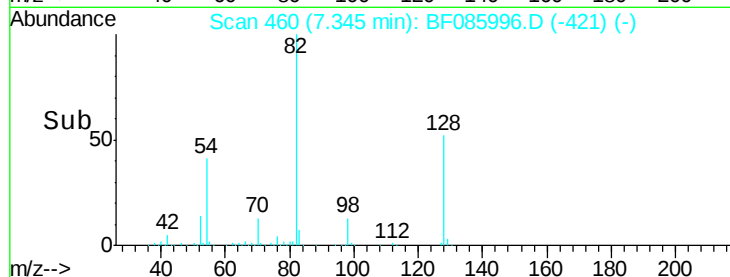
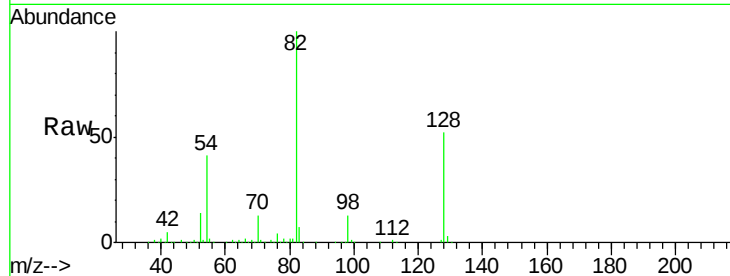
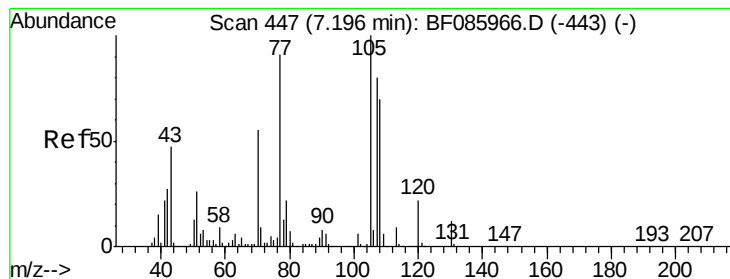


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 19.40 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF085996.D

Acq: 2 Apr 2016 7:51

Instrument :

BNA_F

ClientSampleId :

BH-3(5-10)

Tgt Ion: 70 Resp: 93650

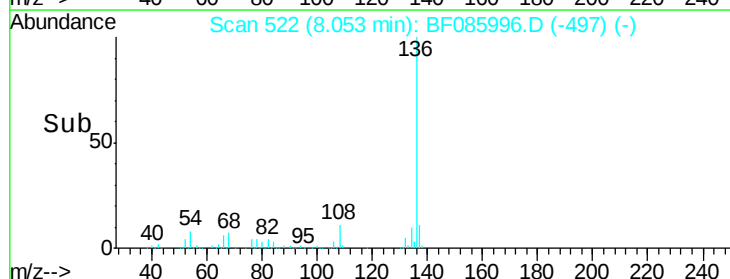
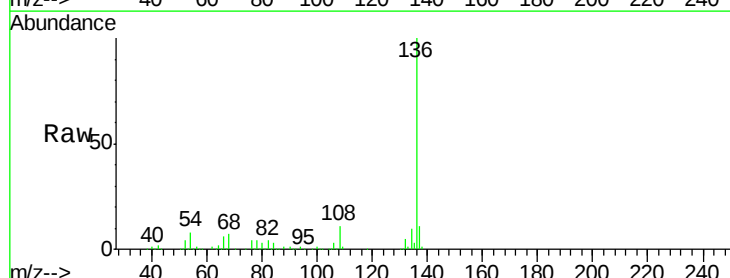
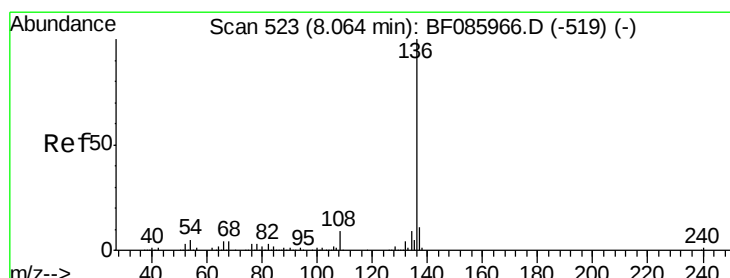
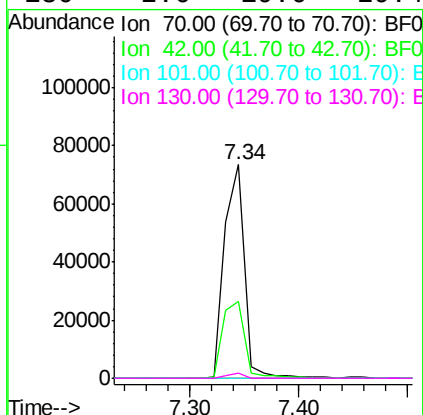
Ion Ratio Lower Upper

70 100

42 35.9 37.1 55.7#

101 0.0 8.6 12.8#

130 2.6 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085996.D

Acq: 2 Apr 2016 7:51

Tgt Ion: 136 Resp: 418354

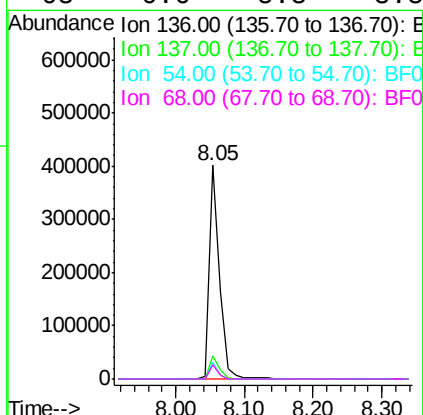
Ion Ratio Lower Upper

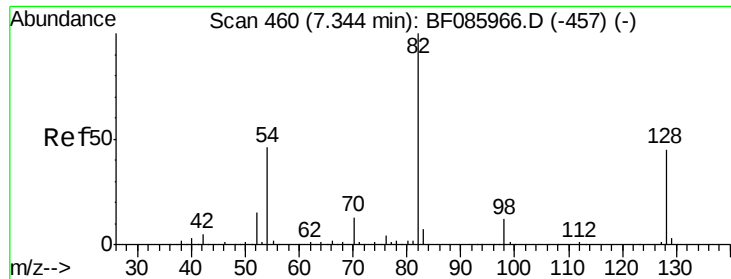
136 100

137 11.0 9.1 13.7

54 7.7 7.4 11.0

68 6.6 5.8 8.8

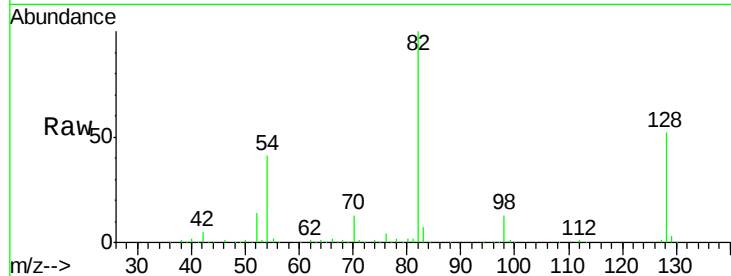




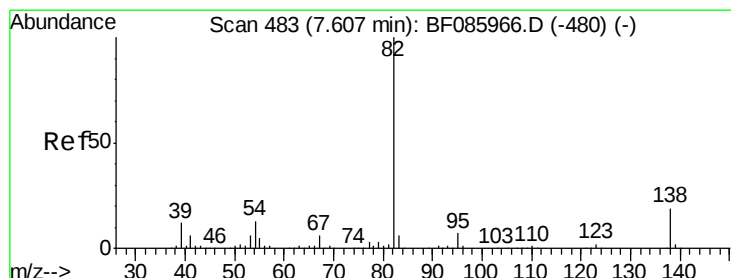
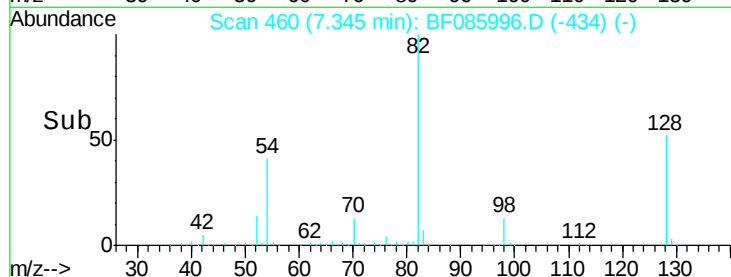
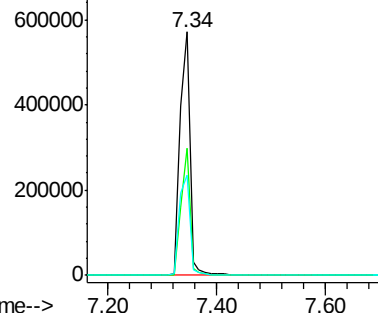
#23
Nitrobenzene-d5
Concen: 101.32 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF085996.D
Acq: 2 Apr 2016 7:51

Instrument :
BNA_F
ClientSampleId :
BH-3(5-10)

Tgt Ion: 82 Resp: 718804
Ion Ratio Lower Upper
82 100
128 52.0 41.8 62.8
54 41.0 33.4 50.0

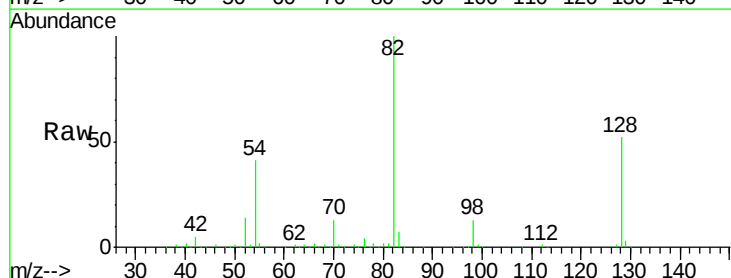


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

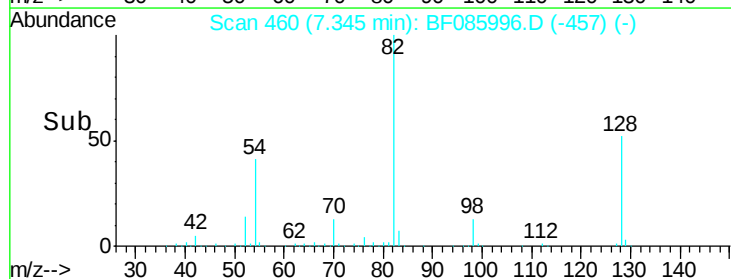
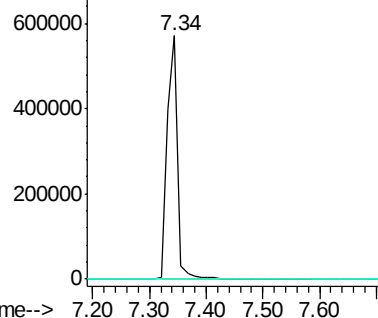


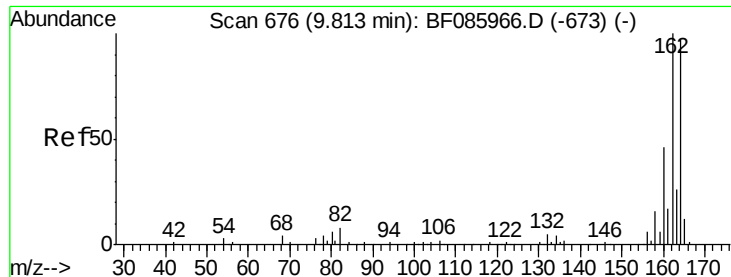
#25
Isophorone
Concen: 51.15 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.26 min
Lab File: BF085996.D
Acq: 2 Apr 2016 7:51

Tgt Ion: 82 Resp: 716318
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): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085996.D

Acq: 2 Apr 2016 7:51

Instrument :

BNA_F

ClientSampleId :

BH-3(5-10)

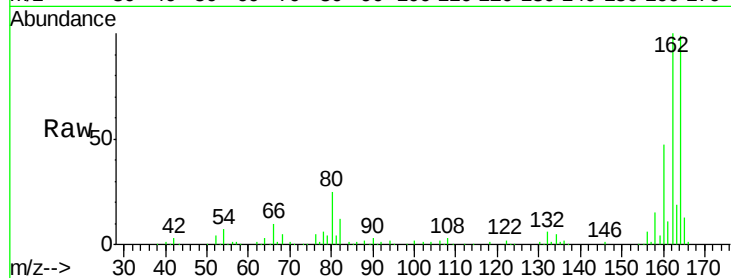
Tgt Ion:164 Resp: 189858

Ion Ratio Lower Upper

164 100

162 101.5 82.1 123.1

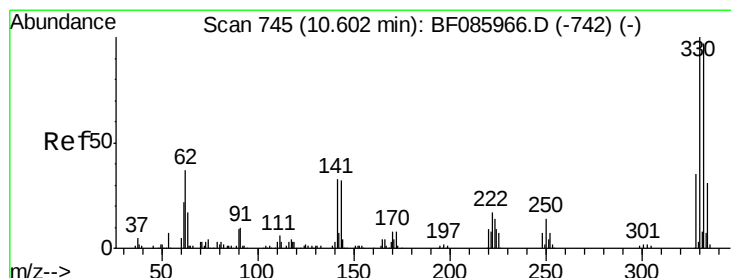
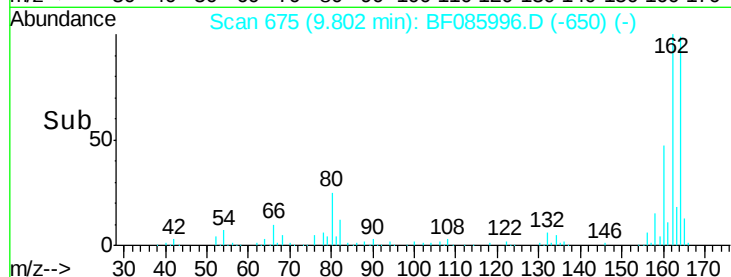
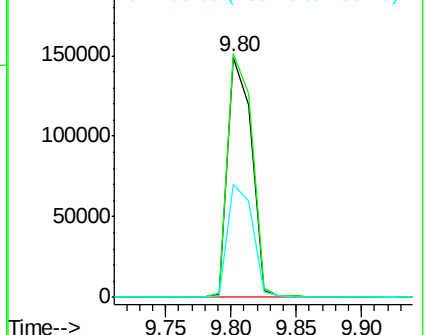
160 47.3 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 179.05 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF085996.D

Acq: 2 Apr 2016 7:51

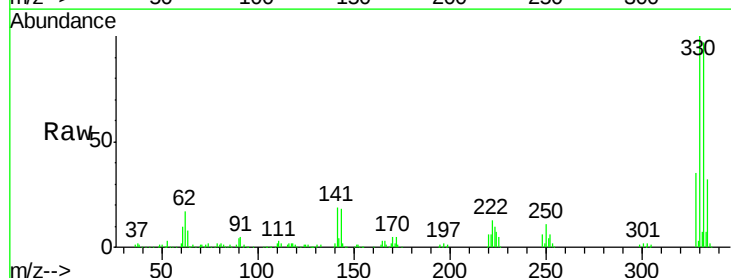
Tgt Ion:330 Resp: 319066

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.2

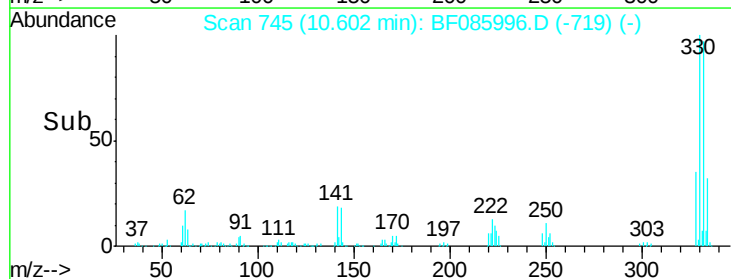
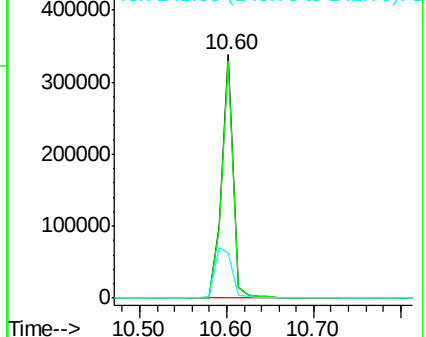
141 31.1 31.5 47.3#

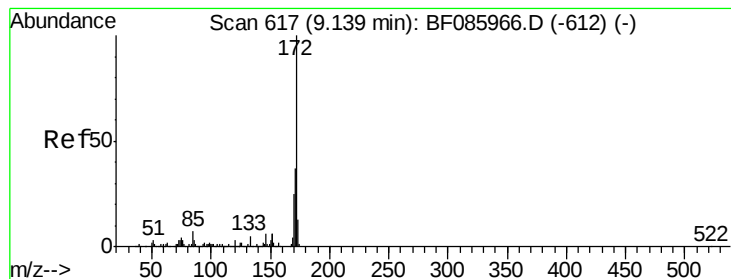


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

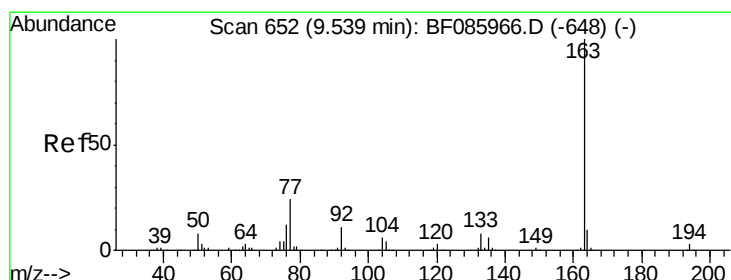
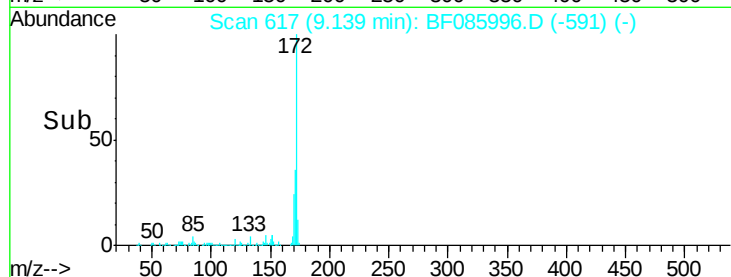
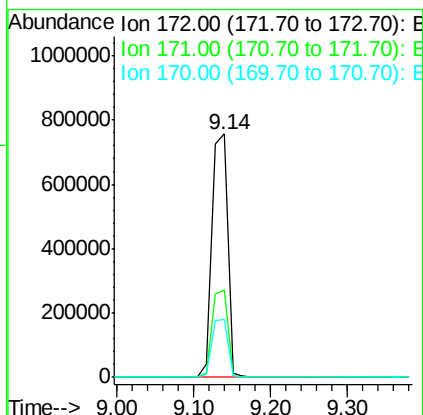
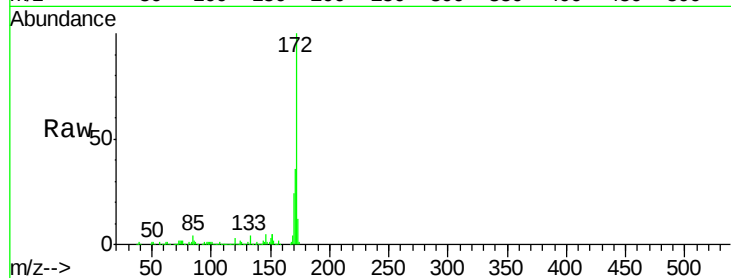




#44
 2-Fluorobiphenyl
 Concen: 93.25 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085996.D
 Acq: 2 Apr 2016 7:51

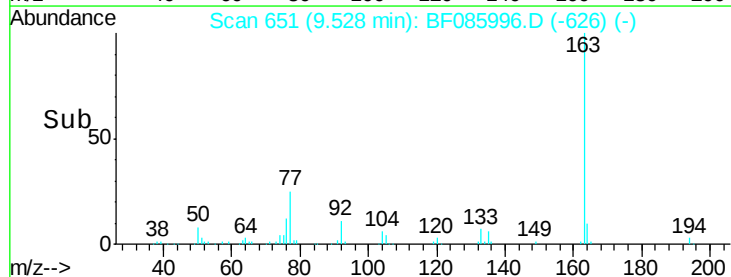
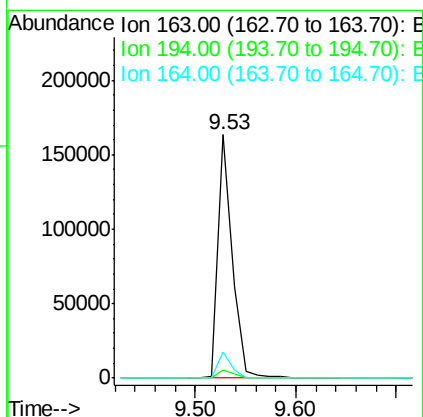
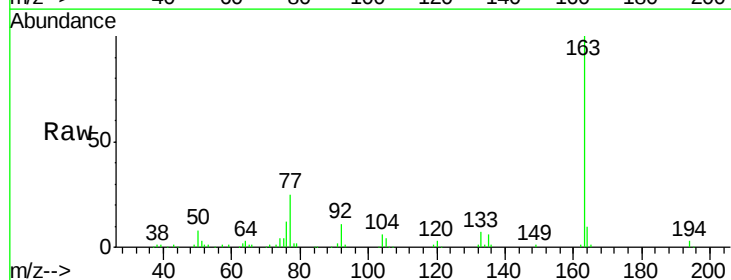
Instrument :
 BNA_F
 ClientSampleId :
 BH-3(5-10)

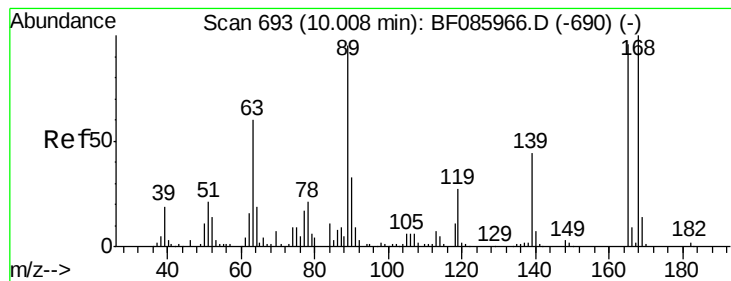
Tgt Ion:172 Resp: 1064745
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 23.8 19.8 29.6



#49
 Dimethylphthalate
 Concen: 11.52 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF085996.D
 Acq: 2 Apr 2016 7:51

Tgt Ion:163 Resp: 162086
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.9 4.3
 164 10.5 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.44 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF085996.D

Acq: 2 Apr 2016 7:51

Instrument :

BNA_F

ClientSampleId :

BH-3(5-10)

Tgt Ion:165 Resp: 24222

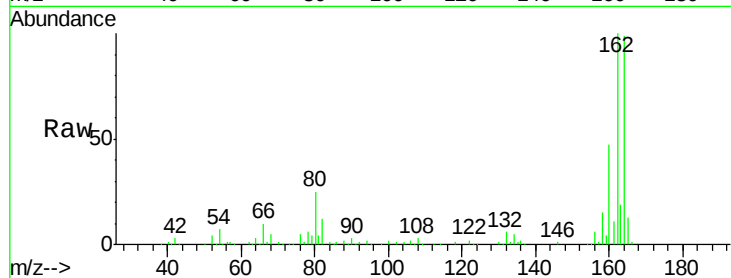
Ion Ratio Lower Upper

165 100

63 1.5 24.9 37.3#

89 2.0 41.0 61.6#

182 0.0 2.1 3.1#

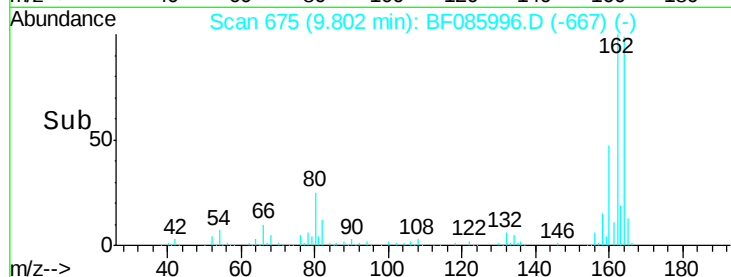


Abundance Ion 165.00 (164.70 to 165.70): E

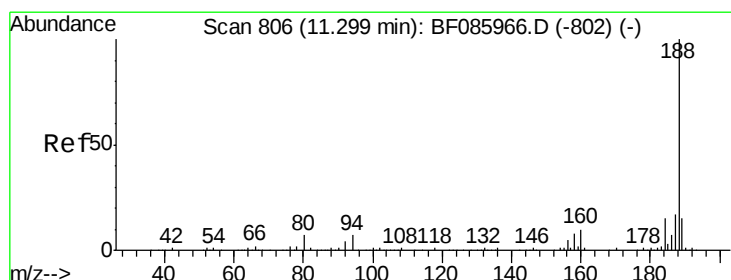
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF085996.D

Acq: 2 Apr 2016 7:51

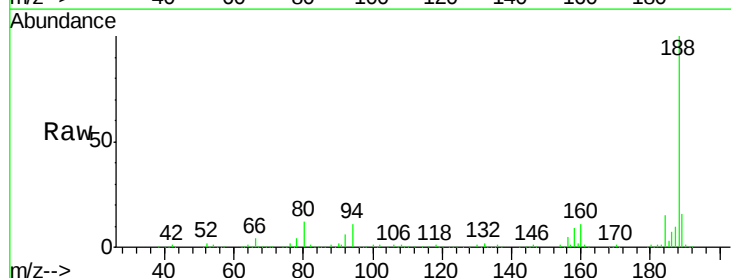
Tgt Ion:188 Resp: 379266

Ion Ratio Lower Upper

188 100

94 11.5 5.4 8.0#

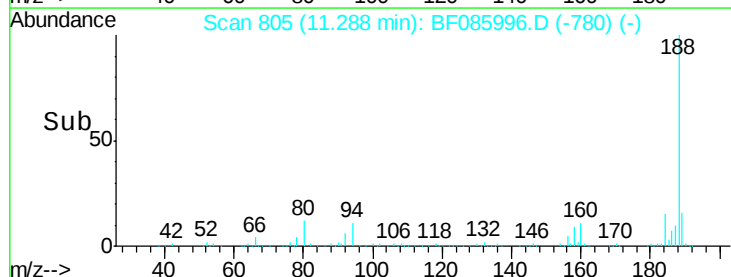
80 12.2 5.5 8.3#



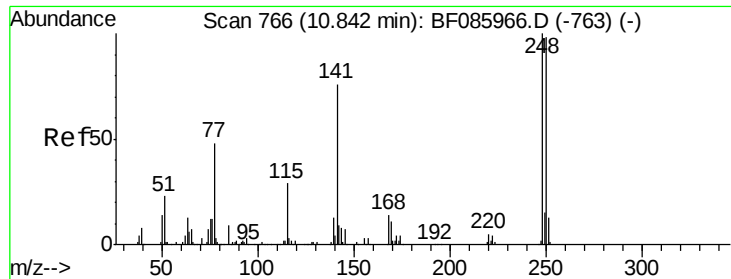
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#66

4-Bromophenyl-phenylether

Concen: 5.24 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.24 min

Lab File: BF085996.D

Acq: 2 Apr 2016 7:51

Instrument :

BNA_F

ClientSampleId :

BH-3(5-10)

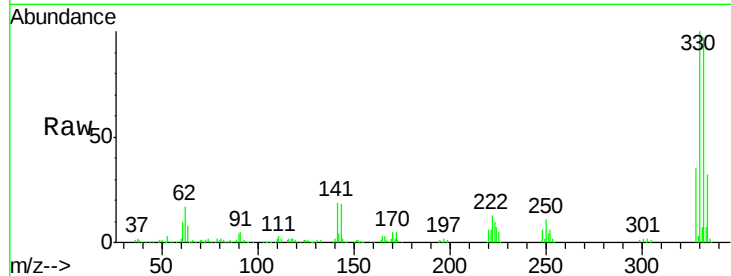
Tgt Ion:248 Resp: 20273

Ion Ratio Lower Upper

248 100

250 202.0 77.4 116.0#

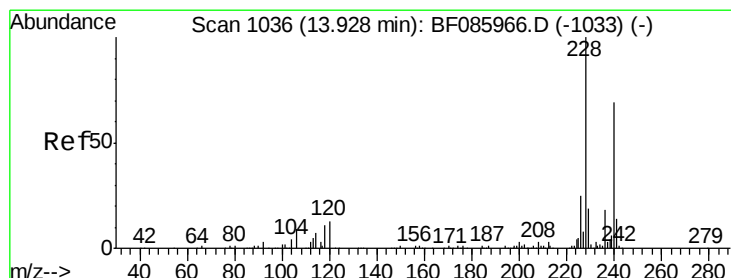
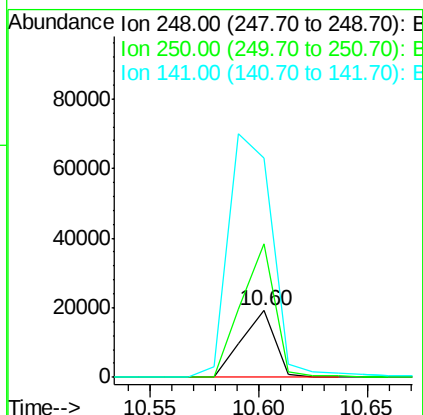
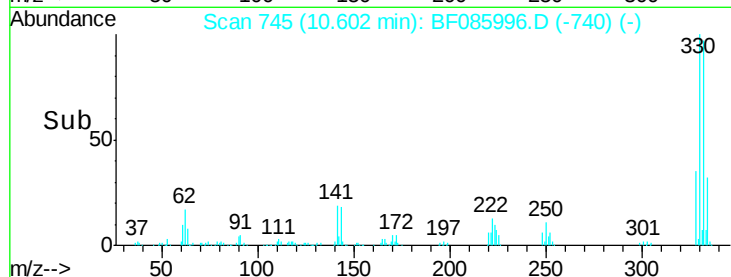
141 330.1 63.6 95.4#



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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085996.D

Acq: 2 Apr 2016 7:51

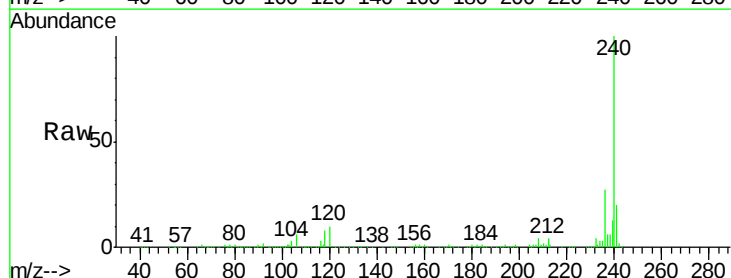
Tgt Ion:240 Resp: 351081

Ion Ratio Lower Upper

240 100

120 9.6 13.8 20.8#

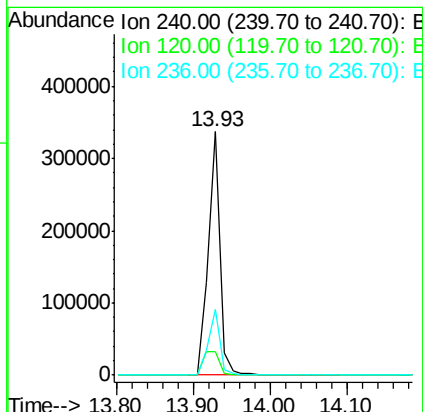
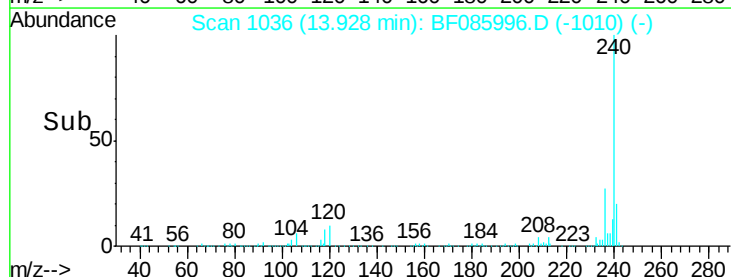
236 26.9 20.6 30.8

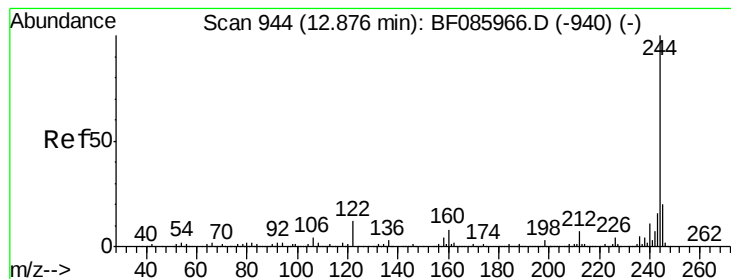


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.49 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085996.D

Acq: 2 Apr 2016 7:51

Instrument :

BNA_F

ClientSampleId :

BH-3(5-10)

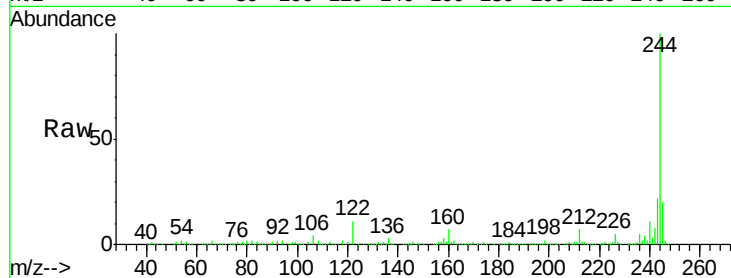
Tgt Ion:244 Resp: 1097646

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

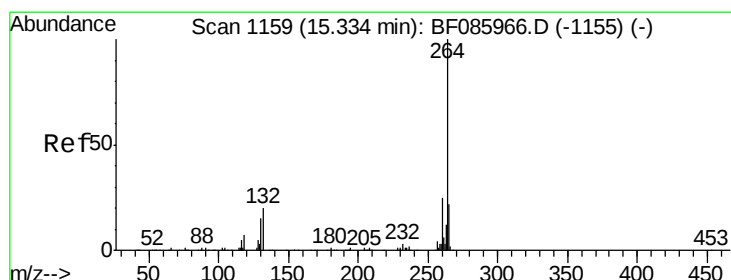
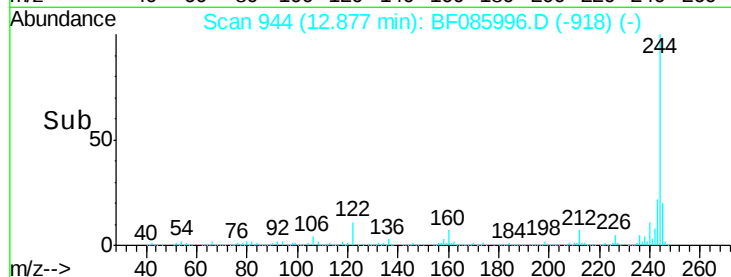
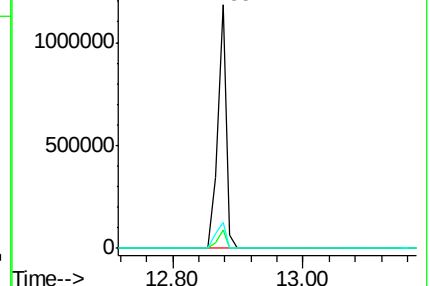
122 10.9 10.2 15.4



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: BF085996.D

Acq: 2 Apr 2016 7:51

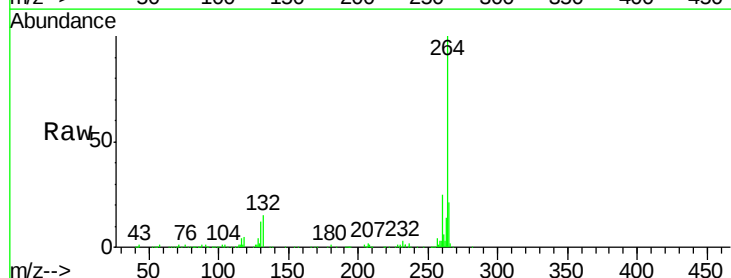
Tgt Ion:264 Resp: 298869

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

