

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086009.D
 Acq On : 2 Apr 2016 14:02
 Operator : UM/SJ
 Sample : H2055-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-11(0-5)

Quant Time: Apr 04 01:04:25 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

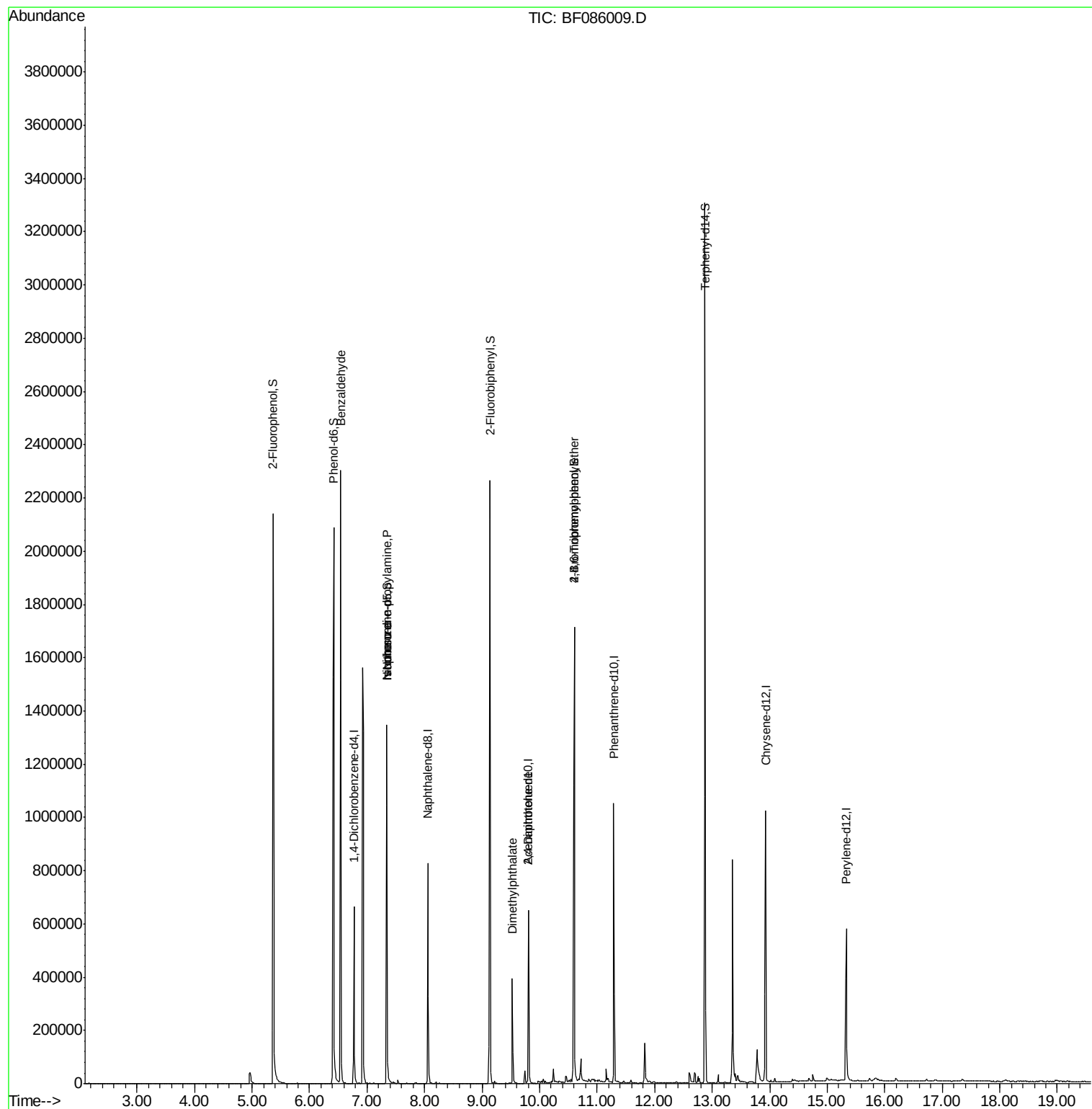
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106170	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	429385	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	193000	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	395776	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	368894	20.00	ng	0.00
86) Perylene-d12	15.33	264	281009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	718457	115.67	ng	0.00
7) Phenol-d6	6.42	99	1078388	136.69	ng	0.00
23) Nitrobenzene-d5	7.34	82	639625	87.85	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	289800	159.98	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1097145	94.52	ng	0.00
78) Terphenyl-d14	12.88	244	1059973	67.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	17666	4.16	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.34	70	82765	16.92	ng	# 73
25) Isophorone	7.34	82	638348	44.41	ng	# 68
49) Dimethylphthalate	9.53	163	162965	11.39	ng	99
56) 2,4-Dinitrotoluene	9.80	165	23997	6.27	ng	# 35
66) 4-Bromophenyl-phenylether	10.60	248	18261	4.52	ng	# 1

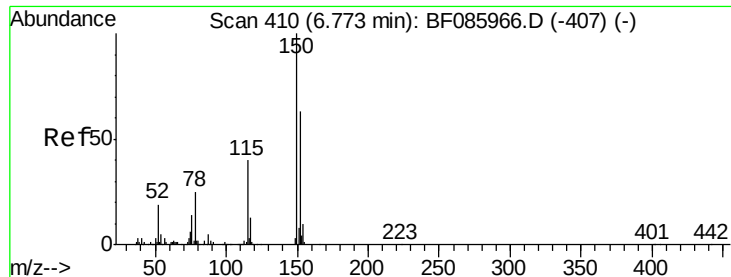
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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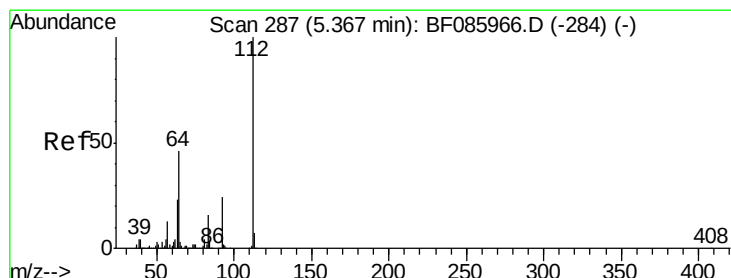
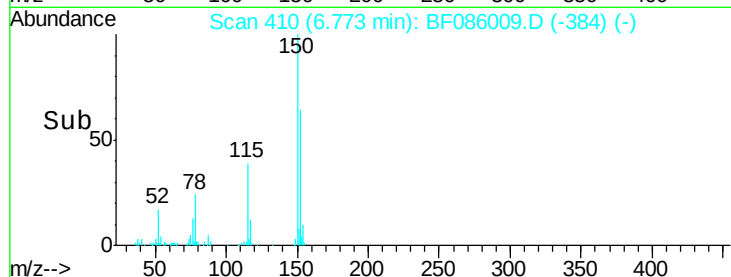
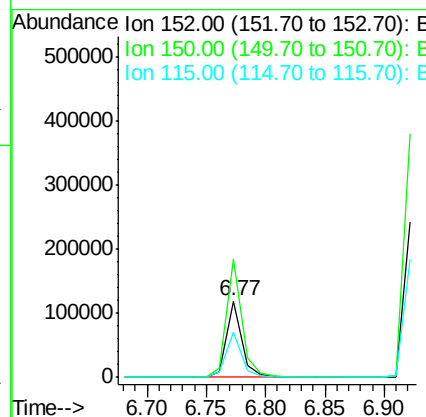
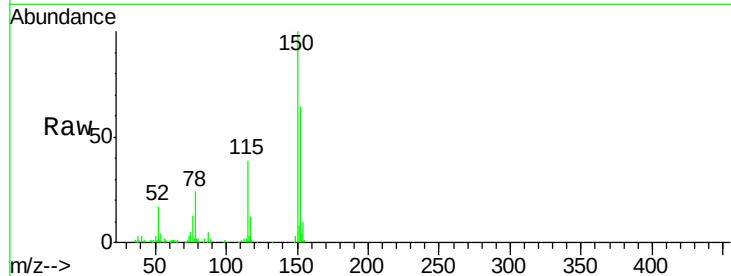


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF086009.D
 Acq: 2 Apr 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 BH-11(0-5)

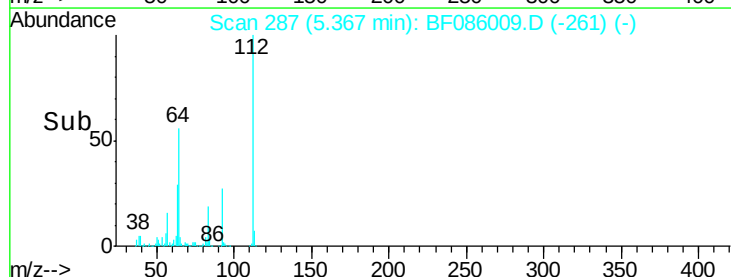
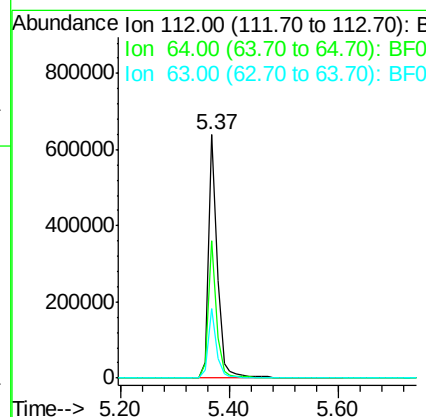
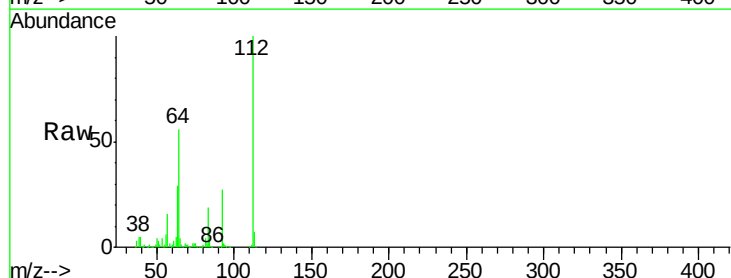
Tgt Ion:152 Resp: 106170
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.2 186.2
 115 59.8 47.0 70.6

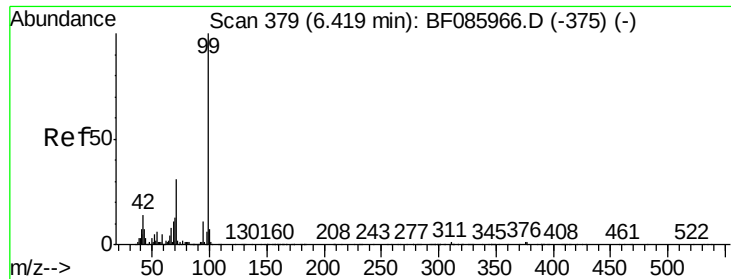


#5

2-Fluorophenol
 Concen: 115.67 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: BF086009.D
 Acq: 2 Apr 2016 14:02

Tgt Ion:112 Resp: 718457
 Ion Ratio Lower Upper
 112 100
 64 56.2 39.9 59.9
 63 28.7 20.2 30.2





#7

Phenol-d6

Concen: 136.69 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086009.D

Acq: 2 Apr 2016 14:02

Instrument :

BNA_F

ClientSampleId :

BH-11(0-5)

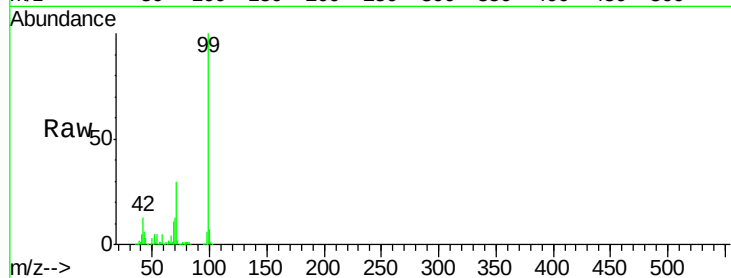
Tgt Ion: 99 Resp: 1078388

Ion Ratio Lower Upper

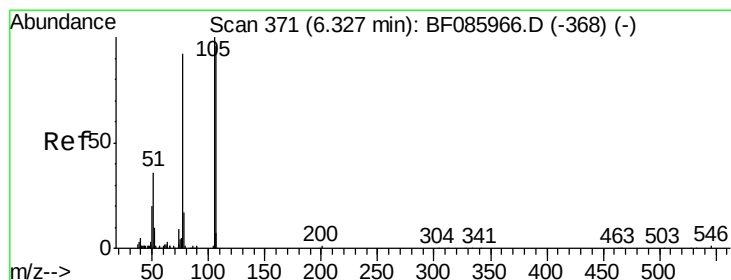
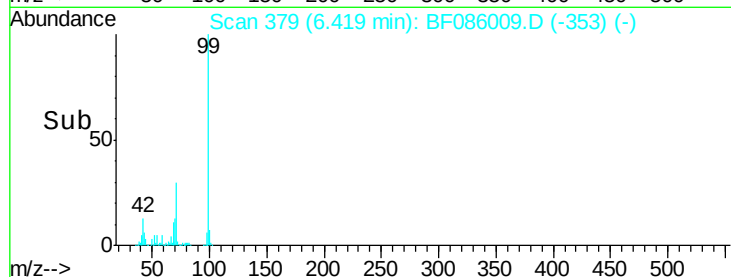
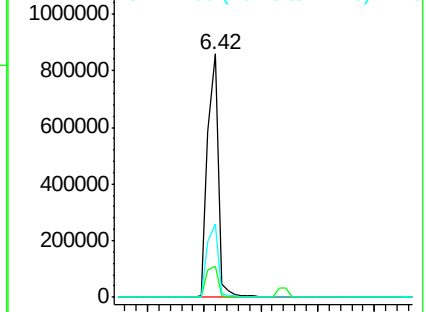
99 100

42 12.6 11.1 16.7

71 30.0 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: 4.16 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086009.D

Acq: 2 Apr 2016 14:02

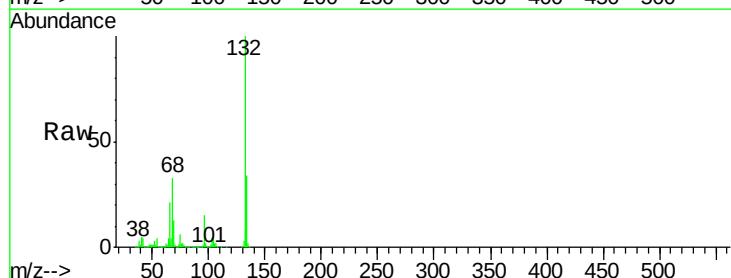
Tgt Ion: 77 Resp: 17666

Ion Ratio Lower Upper

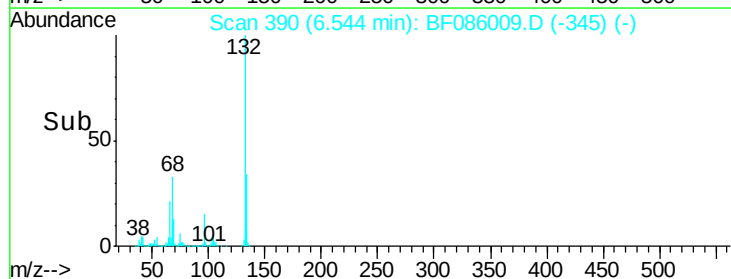
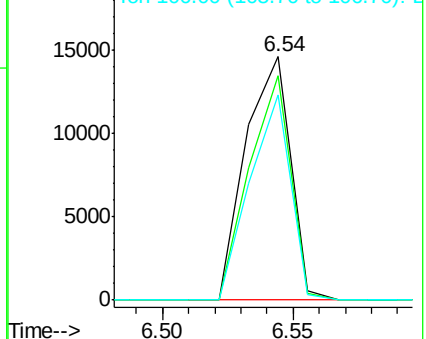
77 100

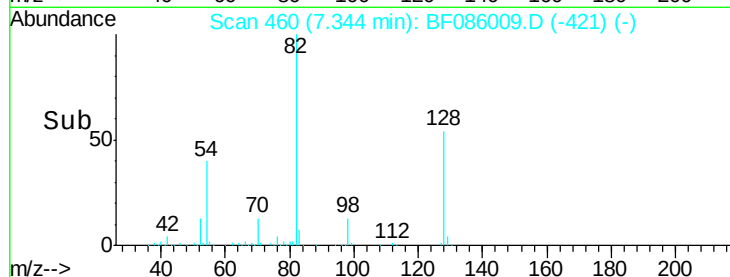
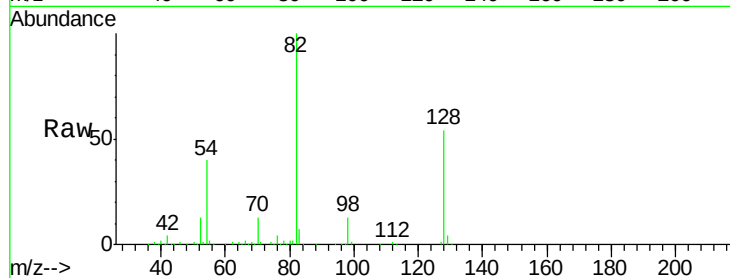
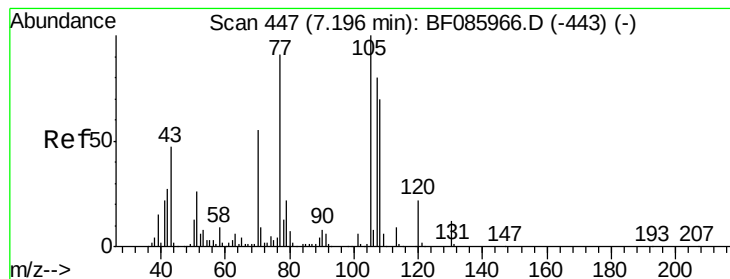
105 92.1 80.1 120.1

106 84.4 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.92 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF086009.D

Acq: 2 Apr 2016 14:02

Instrument :

BNA_F

ClientSampleId :

BH-11(0-5)

Tgt Ion: 70 Resp: 82765

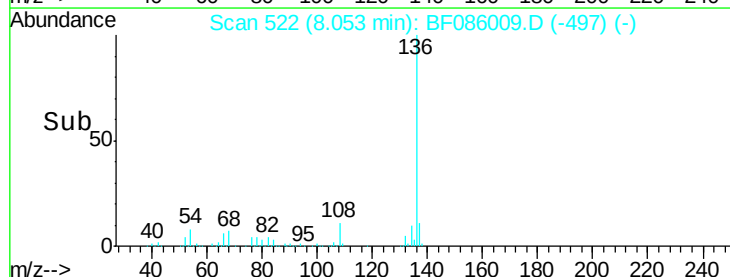
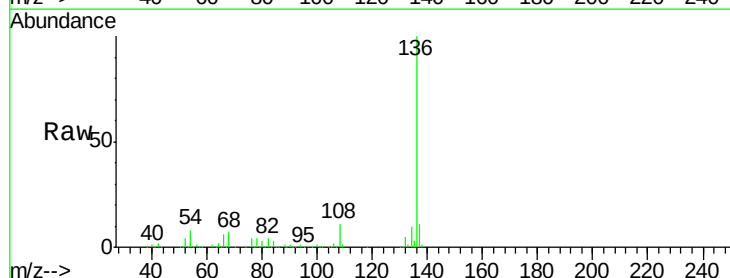
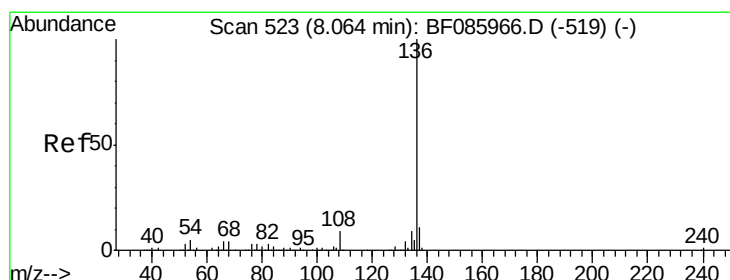
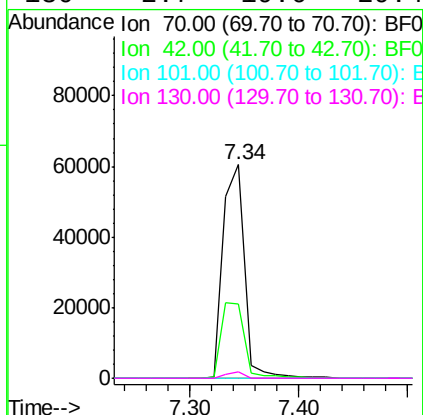
Ion Ratio Lower Upper

70 100

42 35.0 37.1 55.7#

101 0.0 8.6 12.8#

130 2.7 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: BF086009.D

Acq: 2 Apr 2016 14:02

Tgt Ion: 136 Resp: 429385

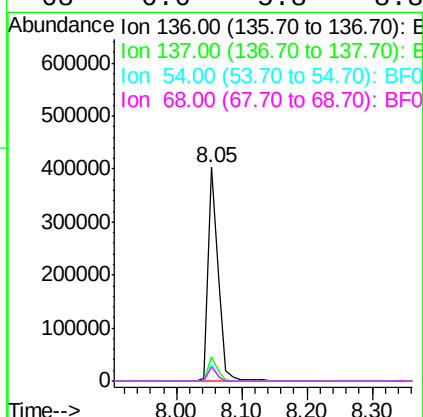
Ion Ratio Lower Upper

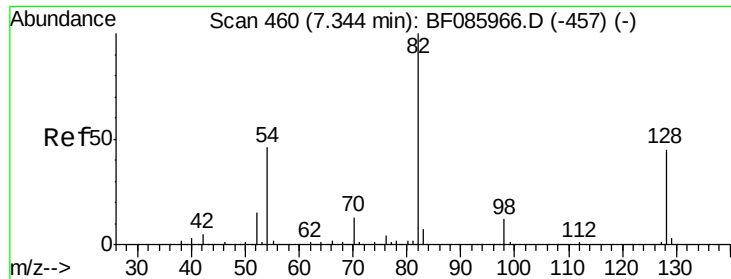
136 100

137 11.3 9.1 13.7

54 8.1 7.4 11.0

68 6.6 5.8 8.8

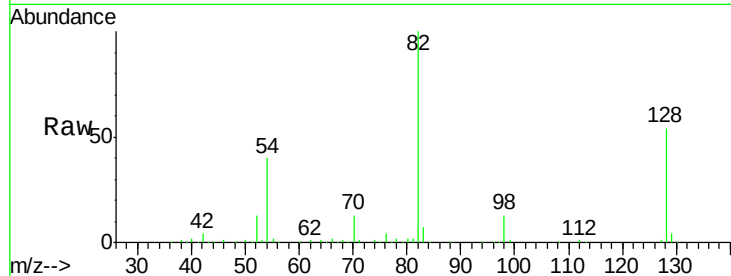




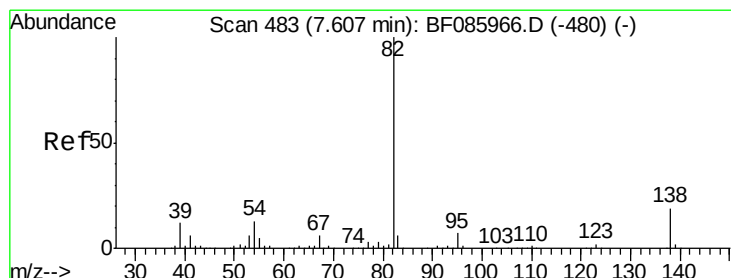
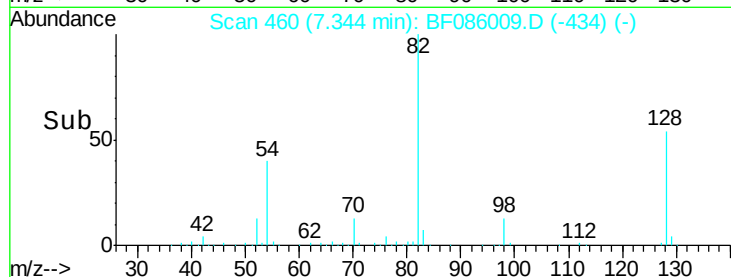
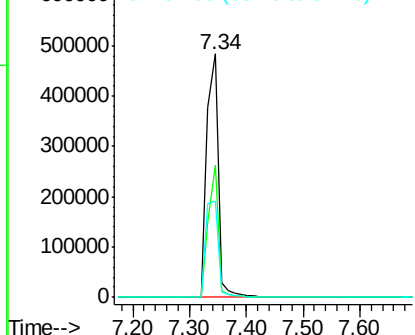
#23
 Nitrobenzene-d5
 Concen: 87.85 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF086009.D
 Acq: 2 Apr 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 BH-11(0-5)

Tgt Ion: 82 Resp: 639625
 Ion Ratio Lower Upper
 82 100
 128 54.4 41.8 62.8
 54 39.8 33.4 50.0

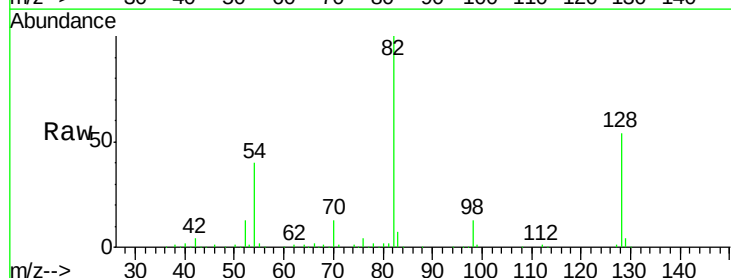


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

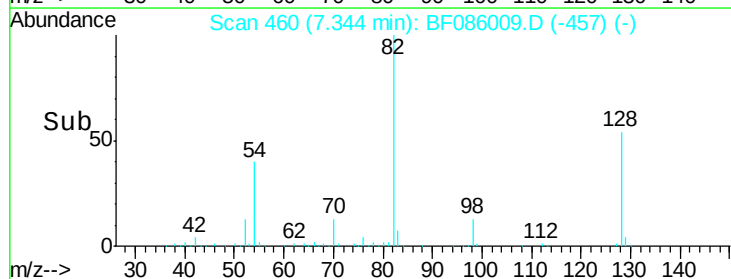
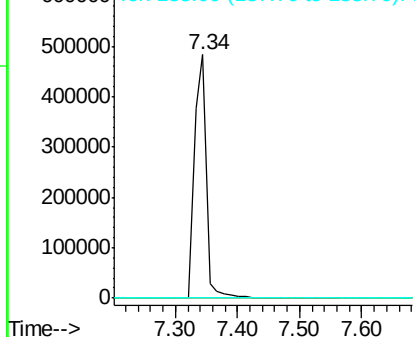


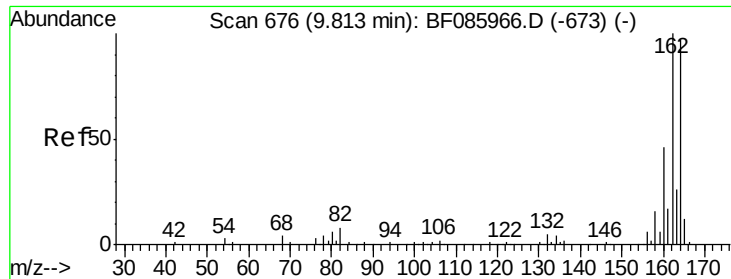
#25
 Isophorone
 Concen: 44.41 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.26 min
 Lab File: BF086009.D
 Acq: 2 Apr 2016 14:02

Tgt Ion: 82 Resp: 638348
 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: BF086009.D

Acq: 2 Apr 2016 14:02

Instrument :

BNA_F

ClientSampleId :

BH-11(0-5)

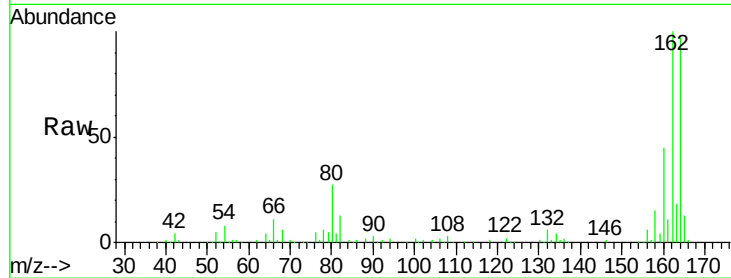
Tgt Ion:164 Resp: 193000

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

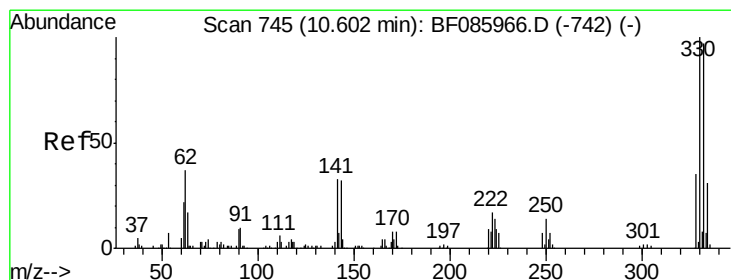
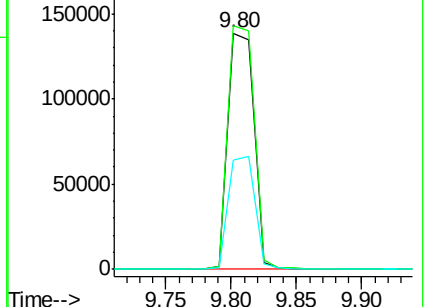
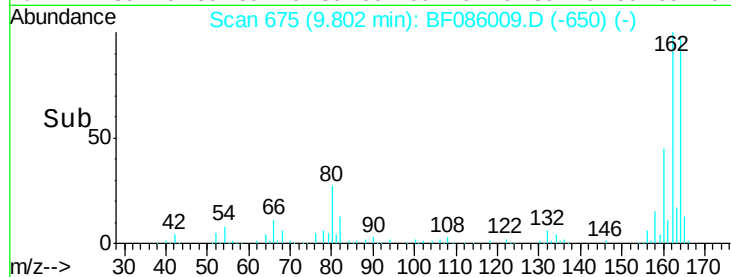
160 46.2 37.4 56.2



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: 159.98 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF086009.D

Acq: 2 Apr 2016 14:02

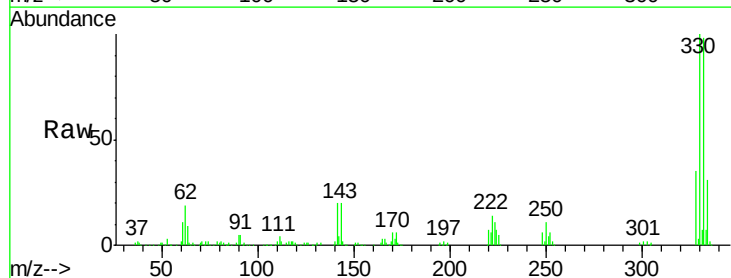
Tgt Ion:330 Resp: 289800

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.2

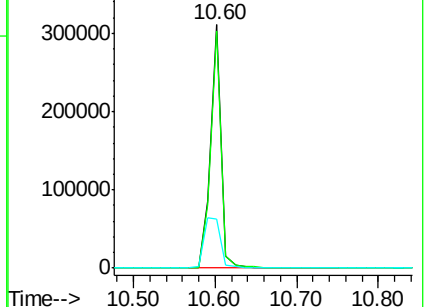
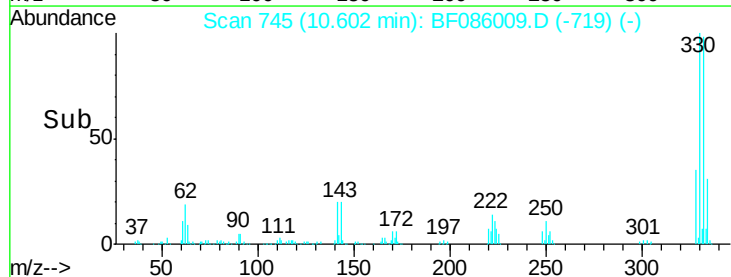
141 32.3 31.5 47.3

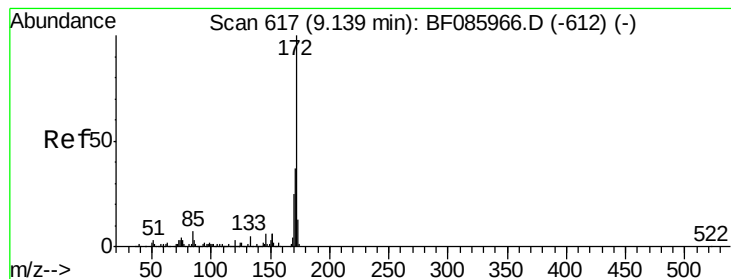


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

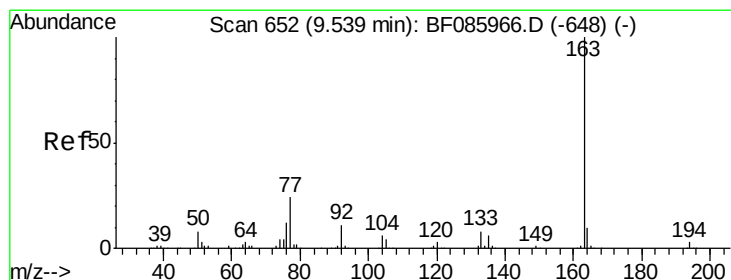
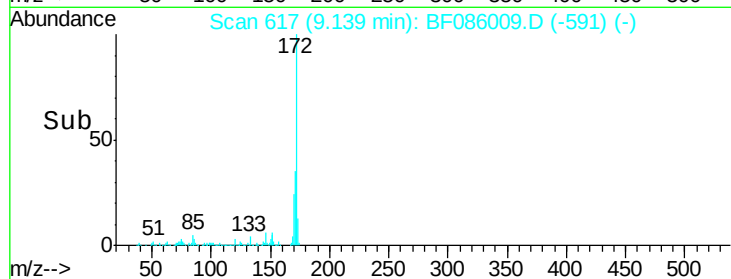
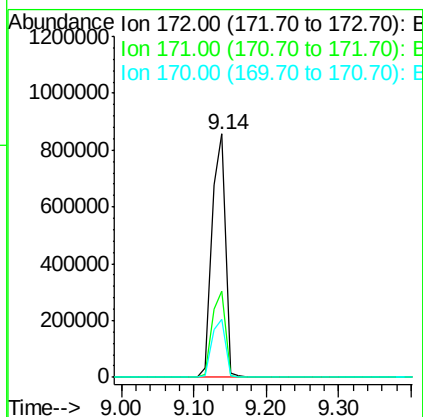
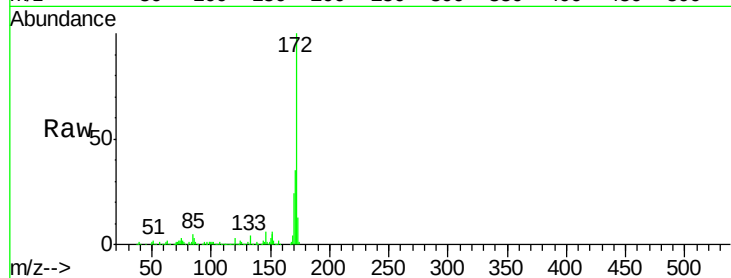




#44
2-Fluorobiphenyl
Concen: 94.52 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF086009.D
Acq: 2 Apr 2016 14:02

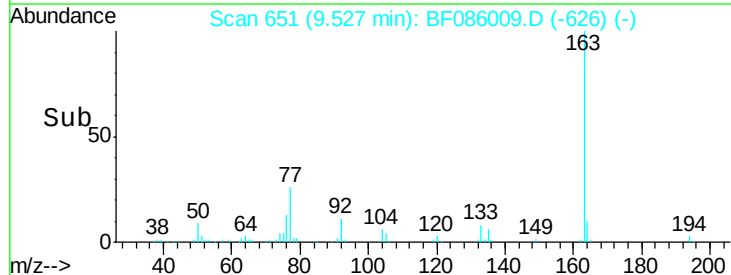
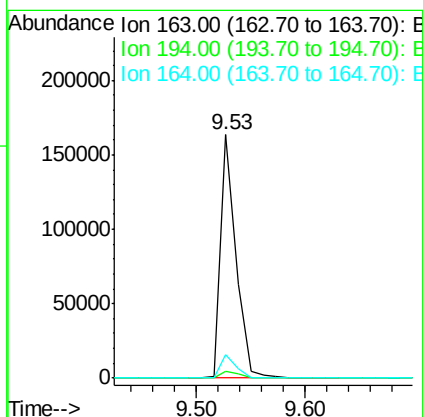
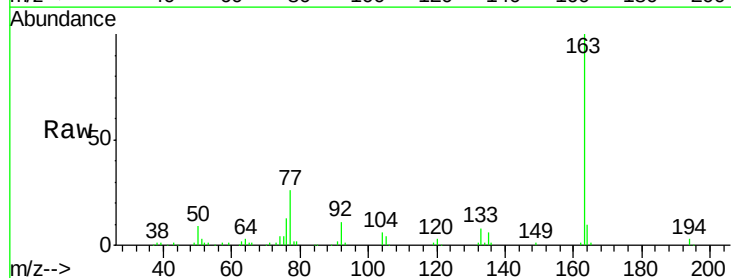
Instrument :
BNA_F
ClientSampled :
BH-11(0-5)

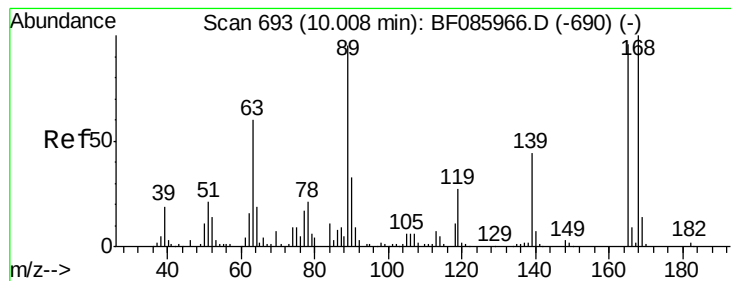
Tgt Ion:172 Resp: 1097145
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.2
170 23.9 19.8 29.6



#49
Dimethylphthalate
Concen: 11.39 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086009.D
Acq: 2 Apr 2016 14:02

Tgt Ion:163 Resp: 162965
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 9.9 8.3 12.5

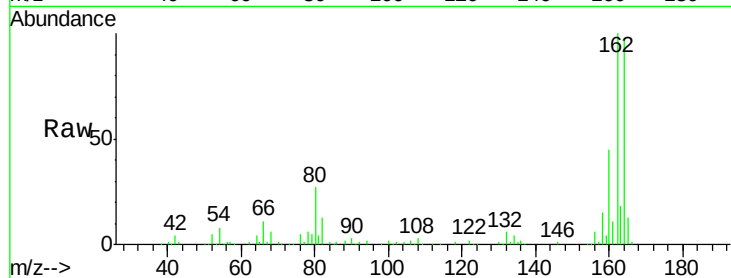




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF086009.D
 Acq: 2 Apr 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 BH-11(0-5)

Tgt Ion:	165	Resp:	23997
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#

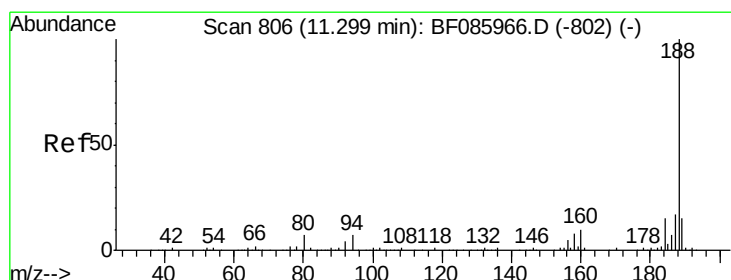
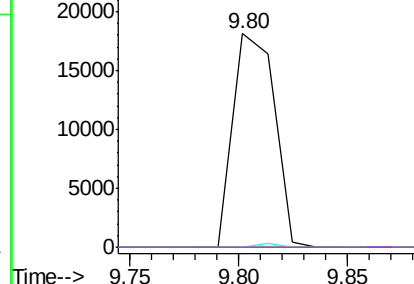
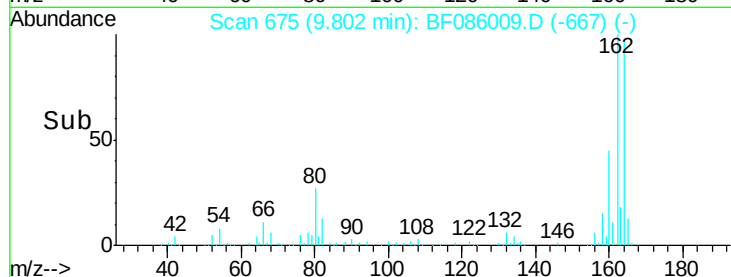


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

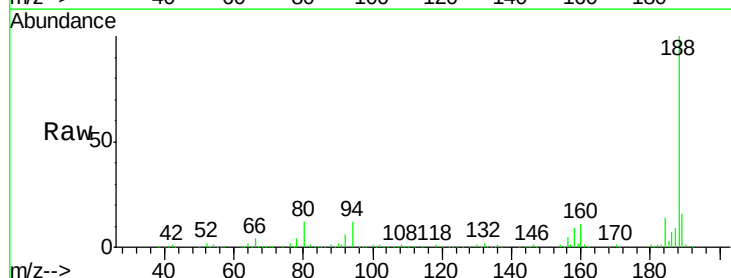
Ion 89.00 (88.70 to 89.70): BF0

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: BF086009.D
 Acq: 2 Apr 2016 14:02

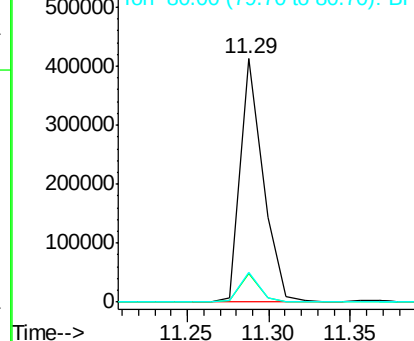
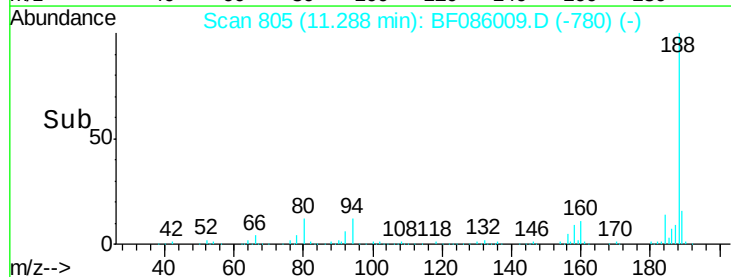
Tgt Ion:	188	Resp:	395776
Ion	Ratio	Lower	Upper
188	100		
94	11.6	5.4	8.0#
80	12.4	5.5	8.3#

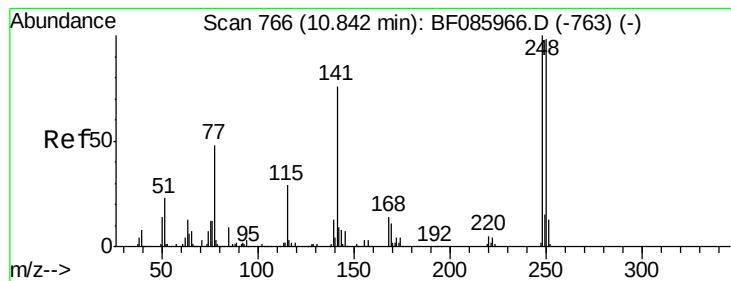


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.52 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.24 min

Lab File: BF086009.D

Acq: 2 Apr 2016 14:02

Instrument :

BNA_F

ClientSampleId :

BH-11(0-5)

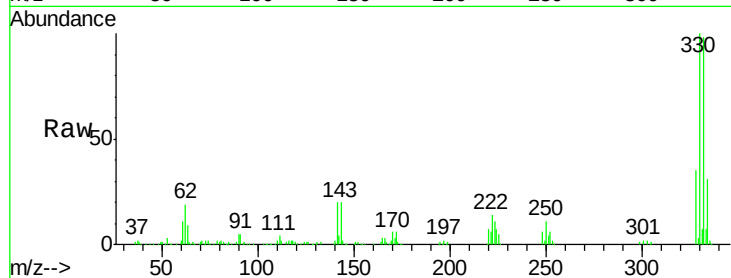
Tgt Ion:248 Resp: 18261

Ion Ratio Lower Upper

248 100

250 196.9 77.4 116.0#

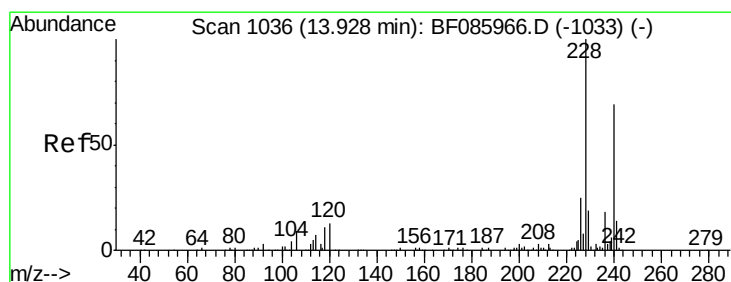
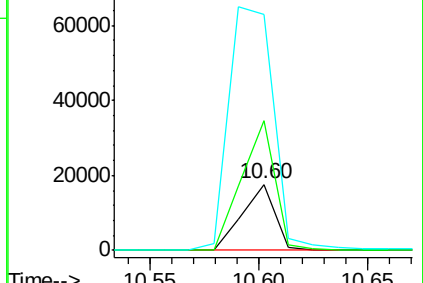
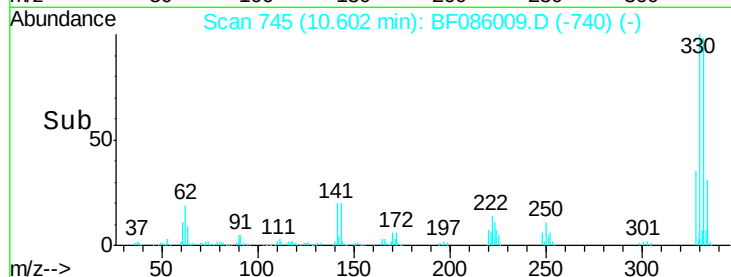
141 356.2 63.6 95.4#



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: BF086009.D

Acq: 2 Apr 2016 14:02

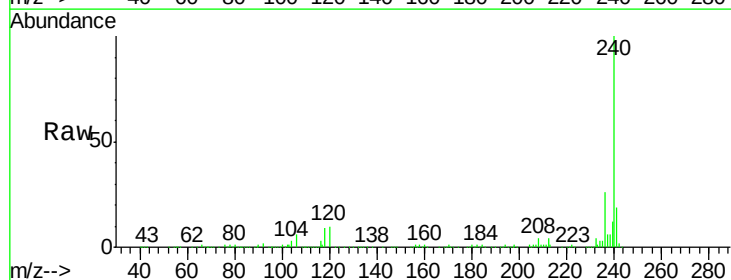
Tgt Ion:240 Resp: 368894

Ion Ratio Lower Upper

240 100

120 10.1 13.8 20.8#

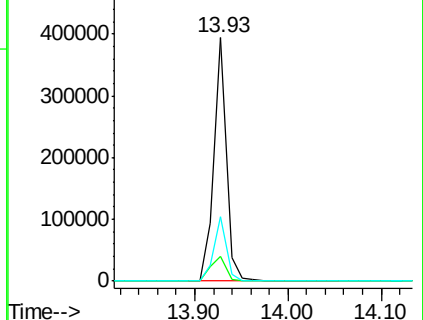
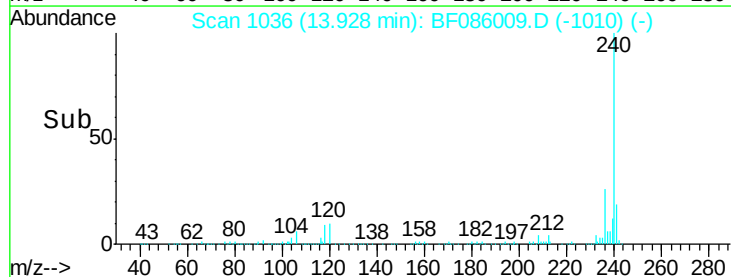
236 26.2 20.6 30.8

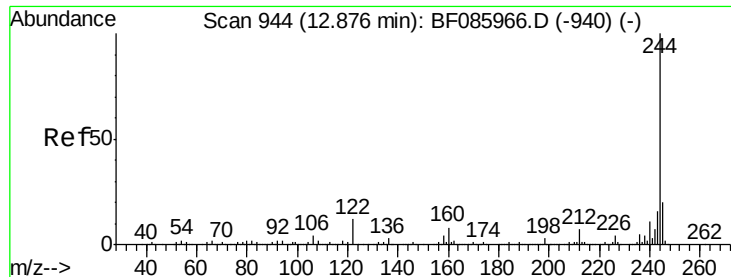


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.54 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086009.D

Acq: 2 Apr 2016 14:02

Instrument :

BNA_F

ClientSampleId :

BH-11(0-5)

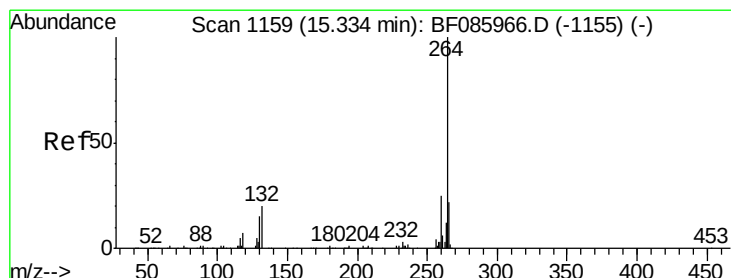
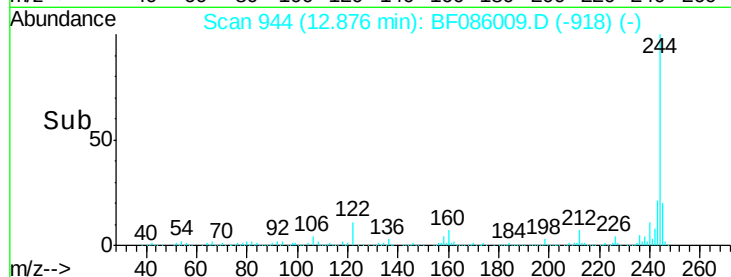
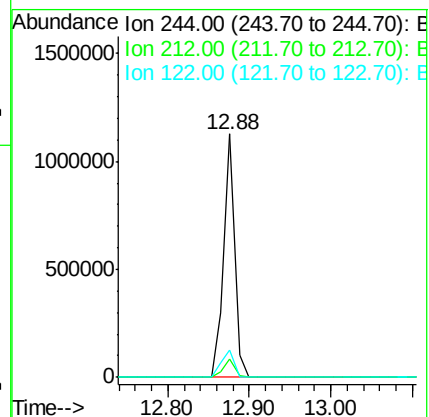
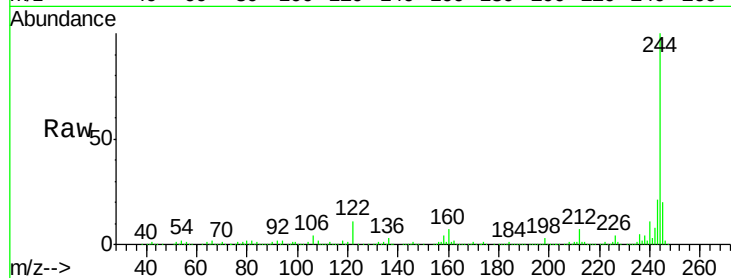
Tgt Ion:244 Resp: 1059973

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 11.5 10.2 15.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF086009.D

Acq: 2 Apr 2016 14:02

Tgt Ion:264 Resp: 281009

Ion Ratio Lower Upper

264 100

260 25.2 19.4 29.2

265 21.5 17.2 25.8

