

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 01:34:14 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

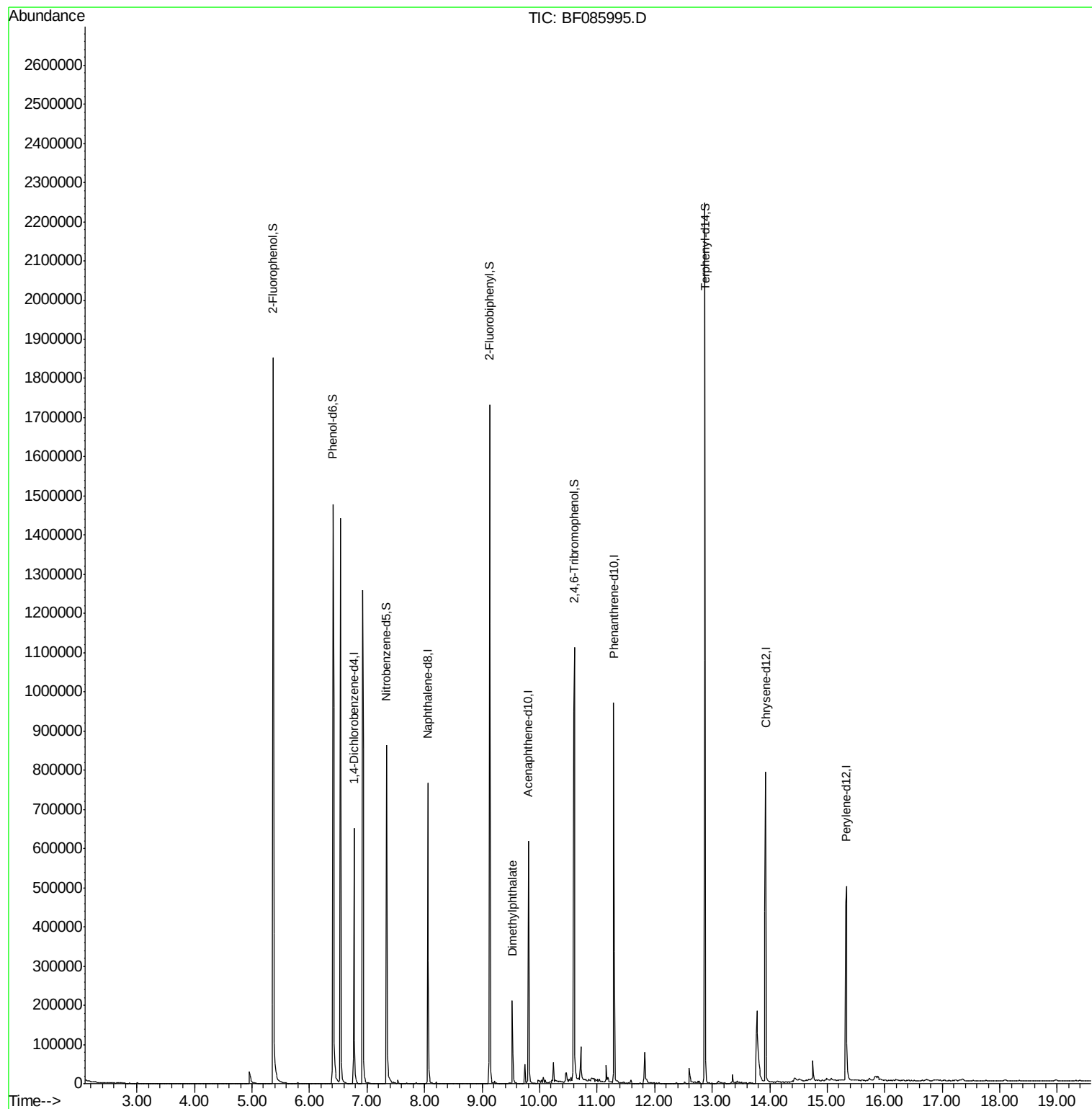
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	102232	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	405542	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	183971	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	375868	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	327449	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						
49) Dimethylphthalate	9.53	163	91502	6.71	ng	Qvalue 99

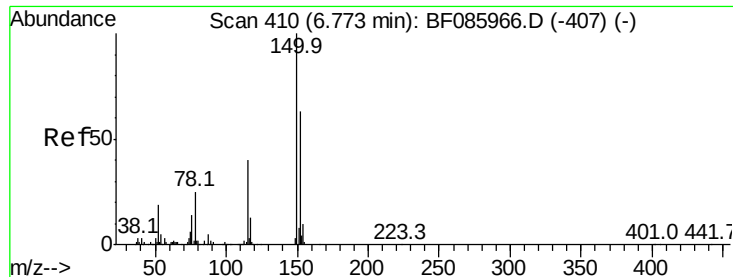
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 04 01:34:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
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QLast Update : Fri Apr 01 23:17:06 2016
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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)

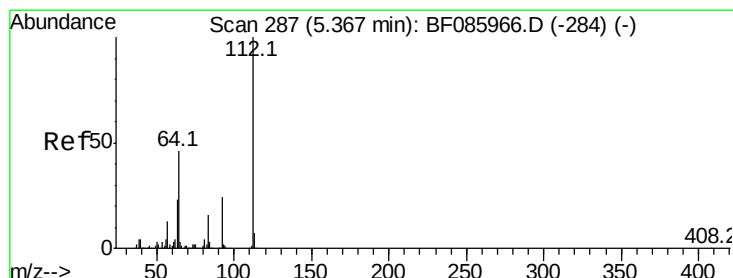
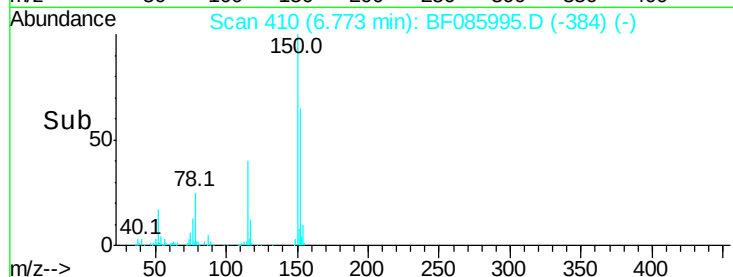
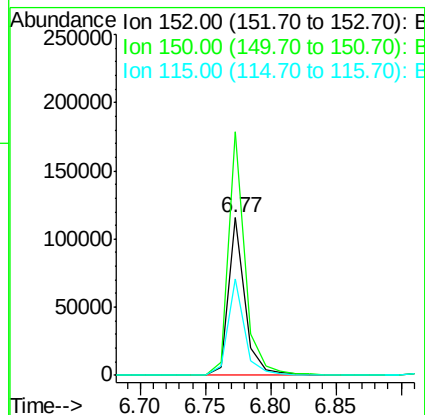
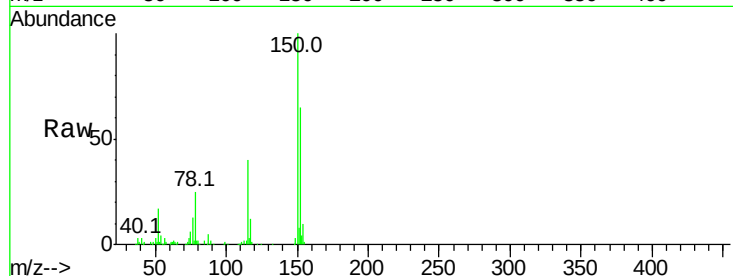
Tot Ion:152 Resp: 102232

Ion Ratio Lower Upper

152 100

150 154.5 124.2 186.2

115 61.1 47.0 70.6



#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

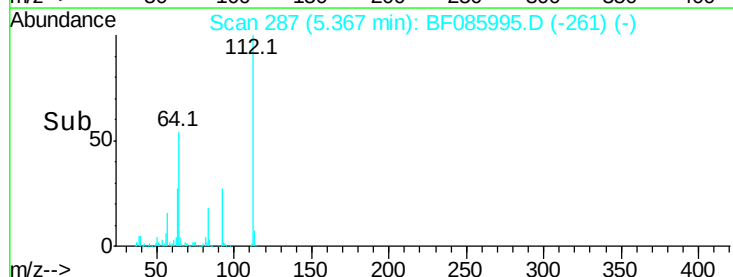
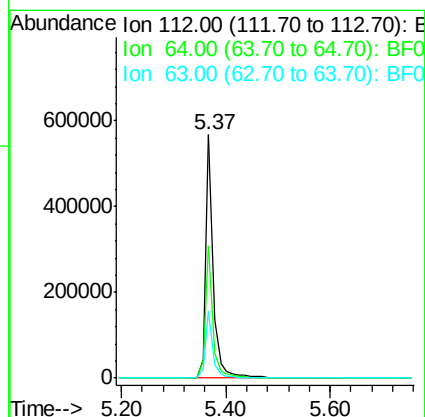
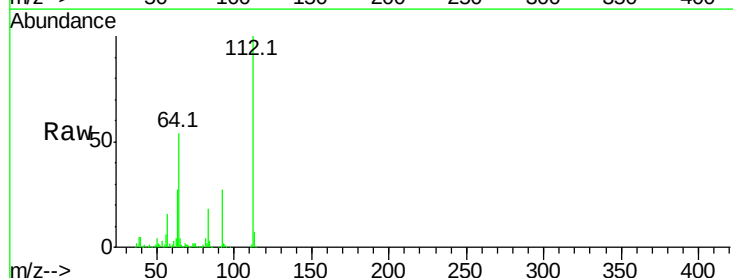
Tgt Ion:112 Resp: 578856

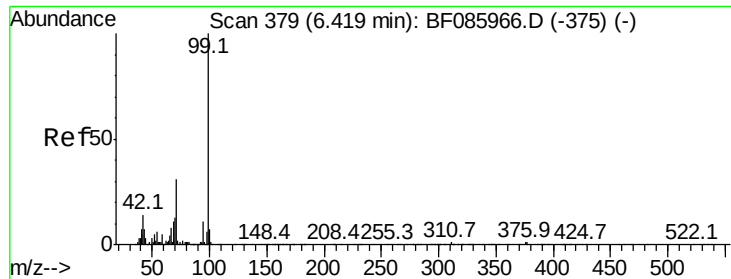
Ion Ratio Lower Upper

112 100

64 54.1 39.9 59.9

63 27.3 20.2 30.2





#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)

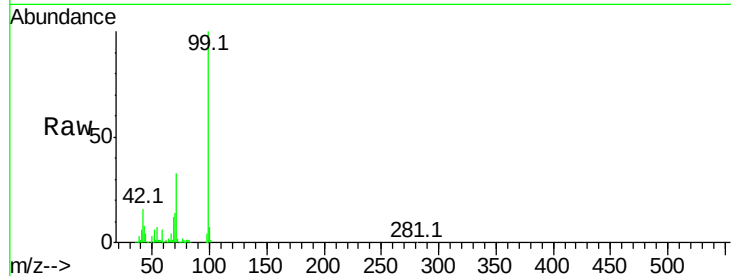
Tot Ion: 99 Resp: 745670

Ion Ratio Lower Upper

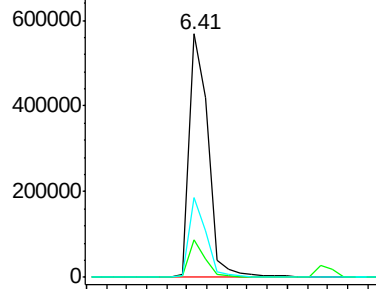
99 100

42 15.6 11.1 16.7

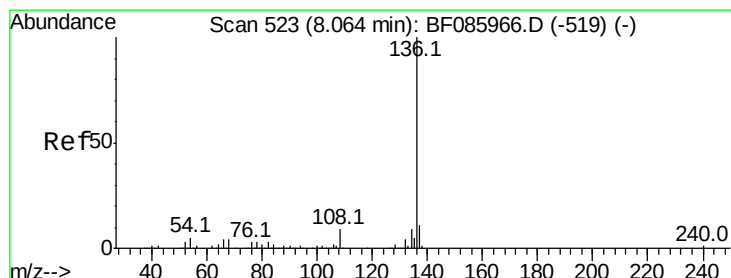
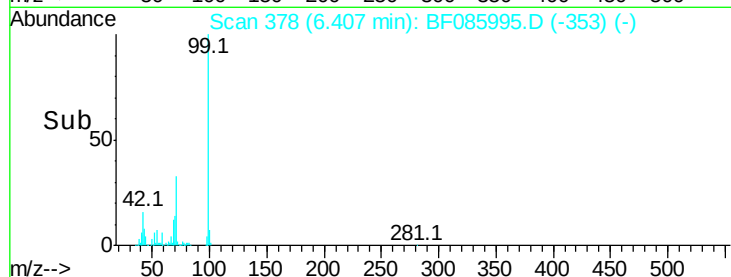
71 32.9 24.9 37.3



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



Time--> 6.30 6.40 6.50



#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

Tgt Ion: 136 Resp: 405542

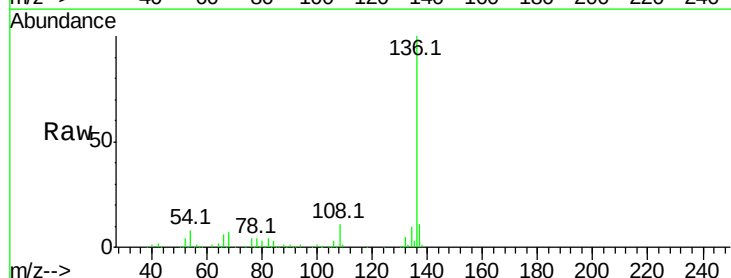
Ion Ratio Lower Upper

136 100

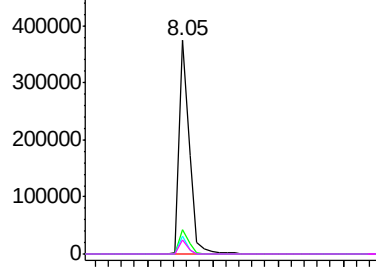
137 11.2 9.1 13.7

54 8.2 7.4 11.0

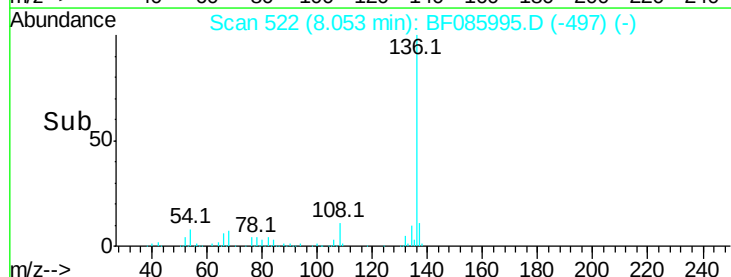
68 6.7 5.8 8.8

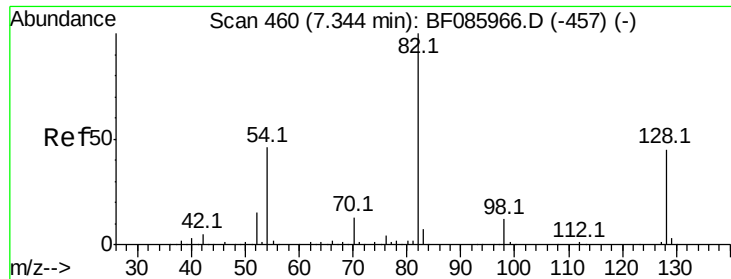


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30

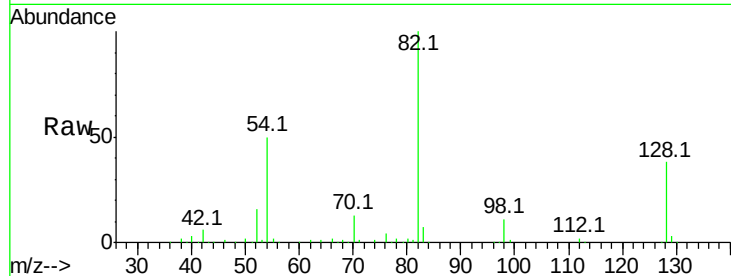




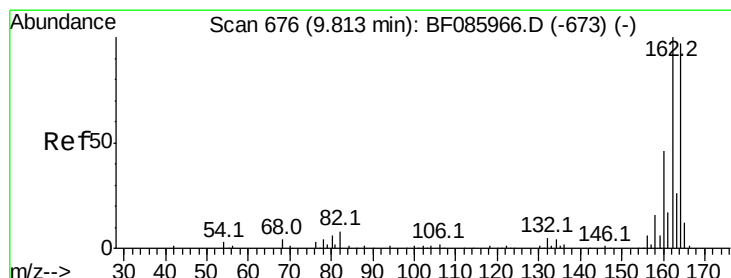
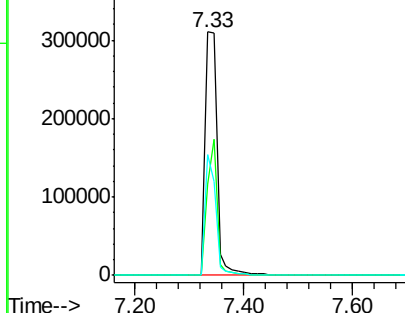
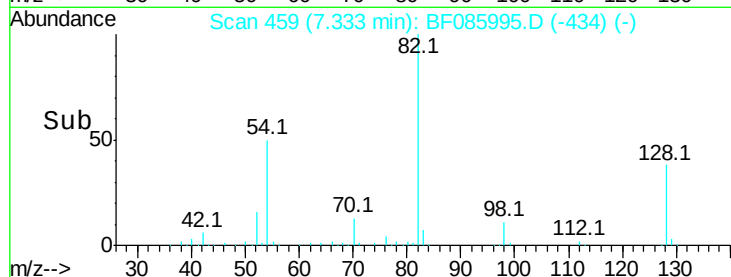
#23
 Nitrobenzene-d5
 Concen: 68.58 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085995.D
 Acq: 2 Apr 2016 7:22

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

Tot Ion: 82 Resp: 471596
 Ion Ratio Lower Upper
 82 100
 128 37.5 41.8 62.8#
 54 49.8 33.4 50.0

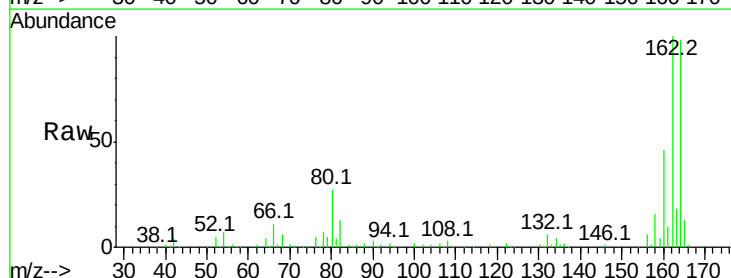


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

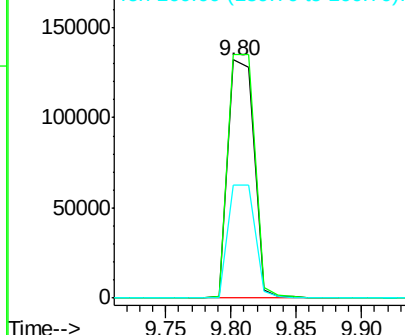
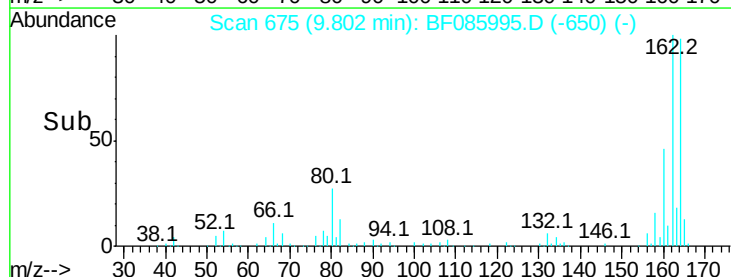


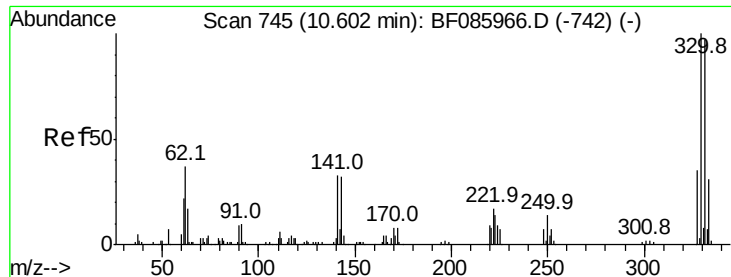
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF085995.D
 Acq: 2 Apr 2016 7:22

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): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

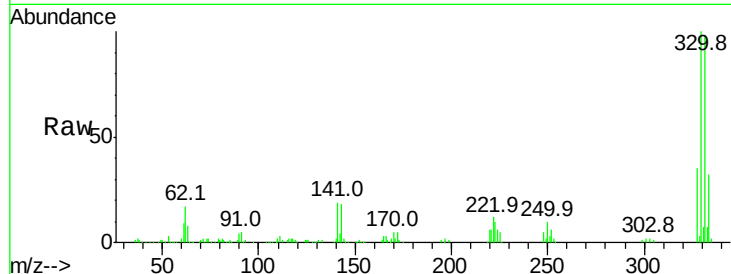




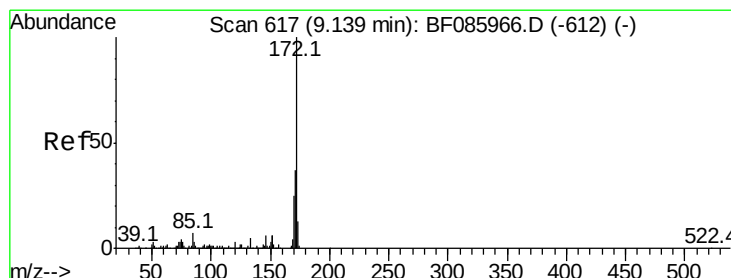
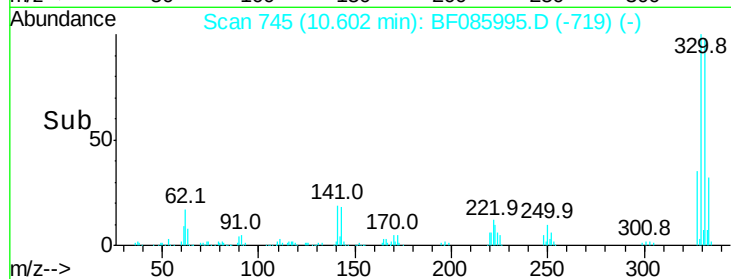
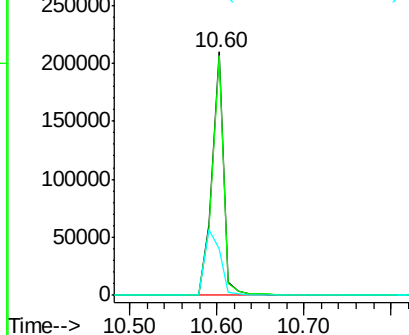
#41
 2,4,6-Tribromophenol
 Concen: 115.60 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085995.D
 Acq: 2 Apr 2016 7:22

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

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

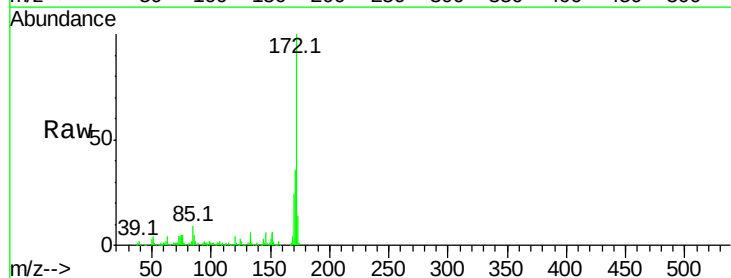


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

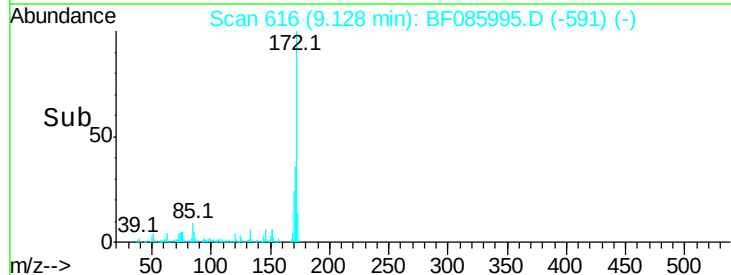
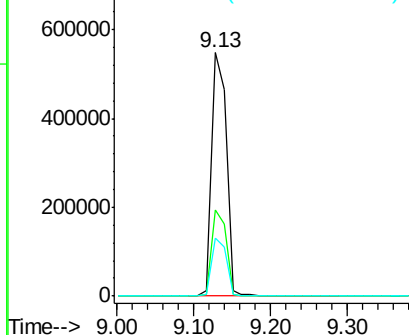


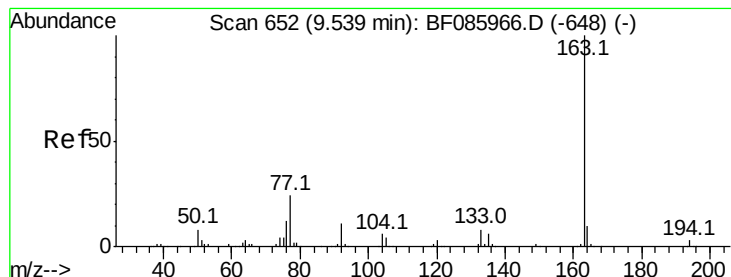
#44
 2-Fluorobiphenyl
 Concen: 65.23 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF085995.D
 Acq: 2 Apr 2016 7:22

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

ClientSampled :

BH-2(5-10)

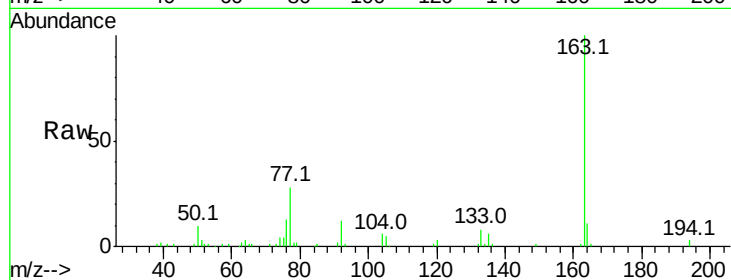
Tot Ion:163 Resp: 91502

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

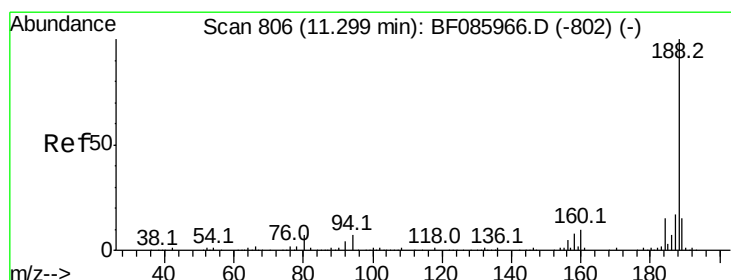
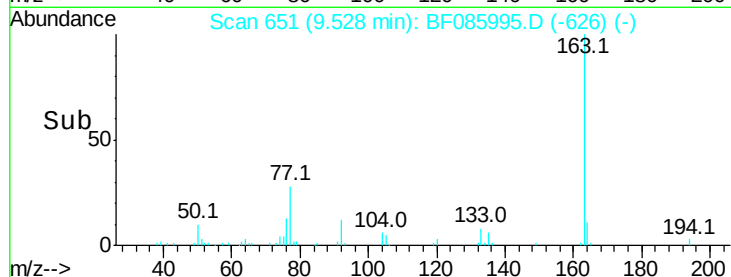
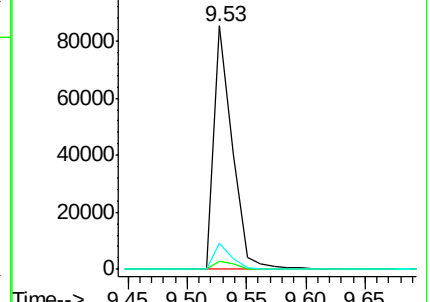
164 10.7 8.3 12.5



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



#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

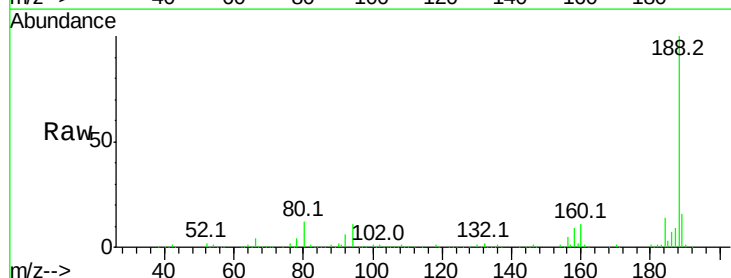
Tgt Ion:188 Resp: 375868

Ion Ratio Lower Upper

188 100

94 11.4 5.4 8.0#

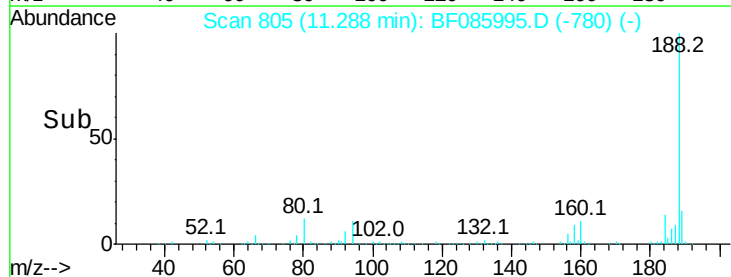
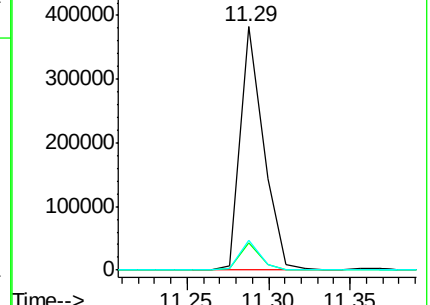
80 12.5 5.5 8.3#

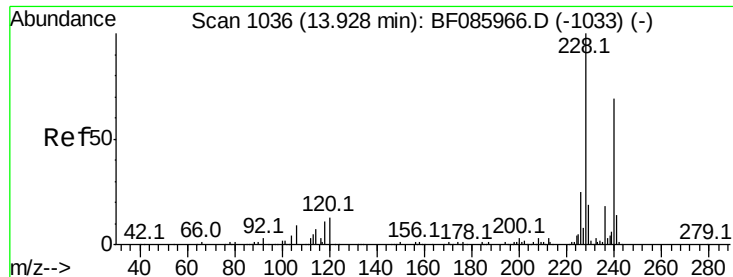


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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)

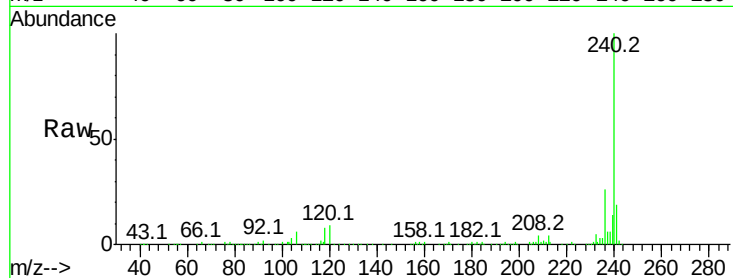
Tot Ion:240 Resp: 327449

Ion Ratio Lower Upper

240 100

120 9.2 13.8 20.8#

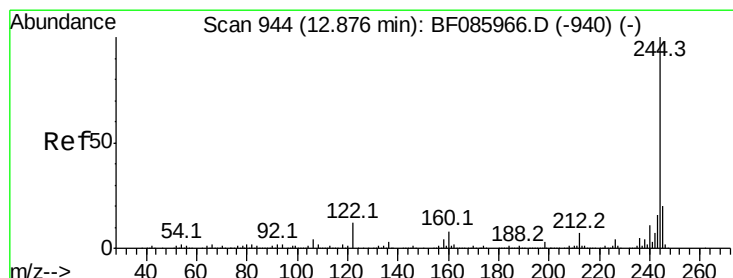
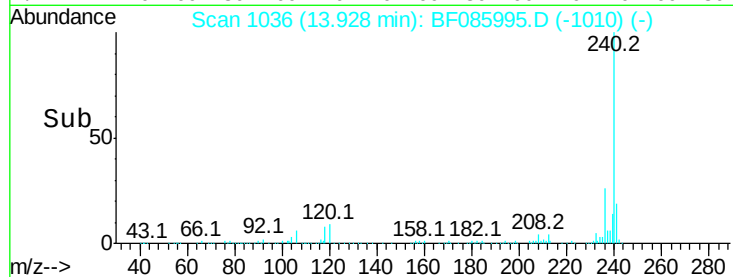
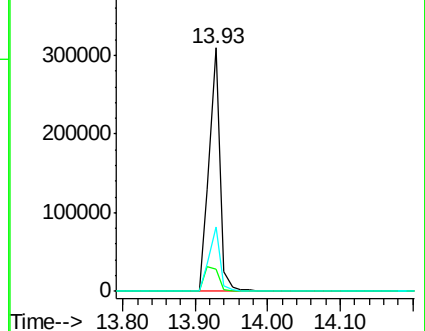
236 26.3 20.6 30.8



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

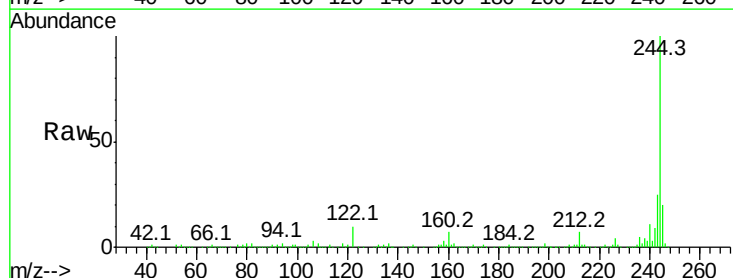
Tgt Ion:244 Resp: 774250

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

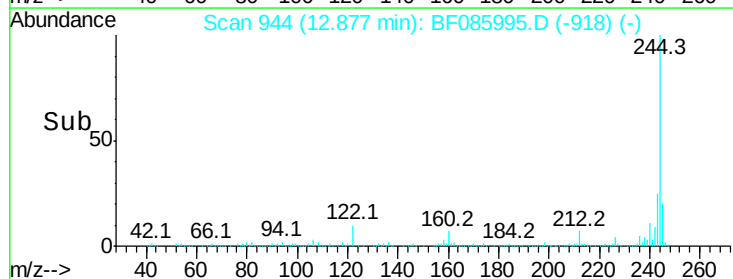
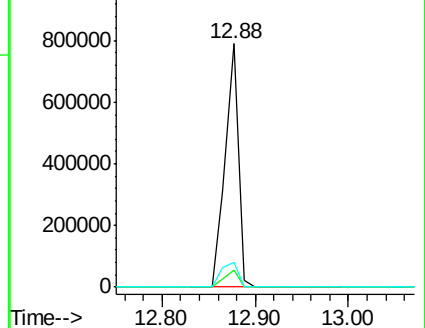
122 9.9 10.2 15.4#

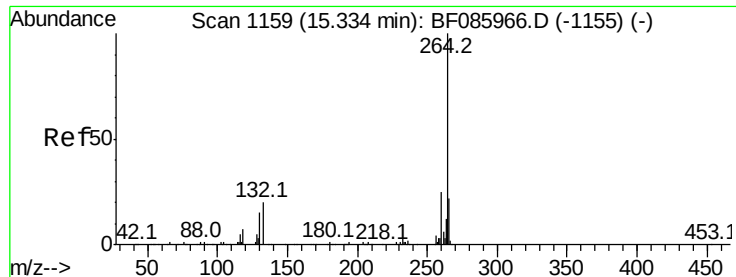


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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)

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

