

Data Path : Z:\HPCHEM1\BNA F\Data\BF112014\
 Data File : BF075703.D
 Acq On : 20 Nov 2014 10:48
 Operator : TP / JJ
 Sample : F4778-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 00:17:43 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 21 00:09:50 2014
 Response via : Initial Calibration

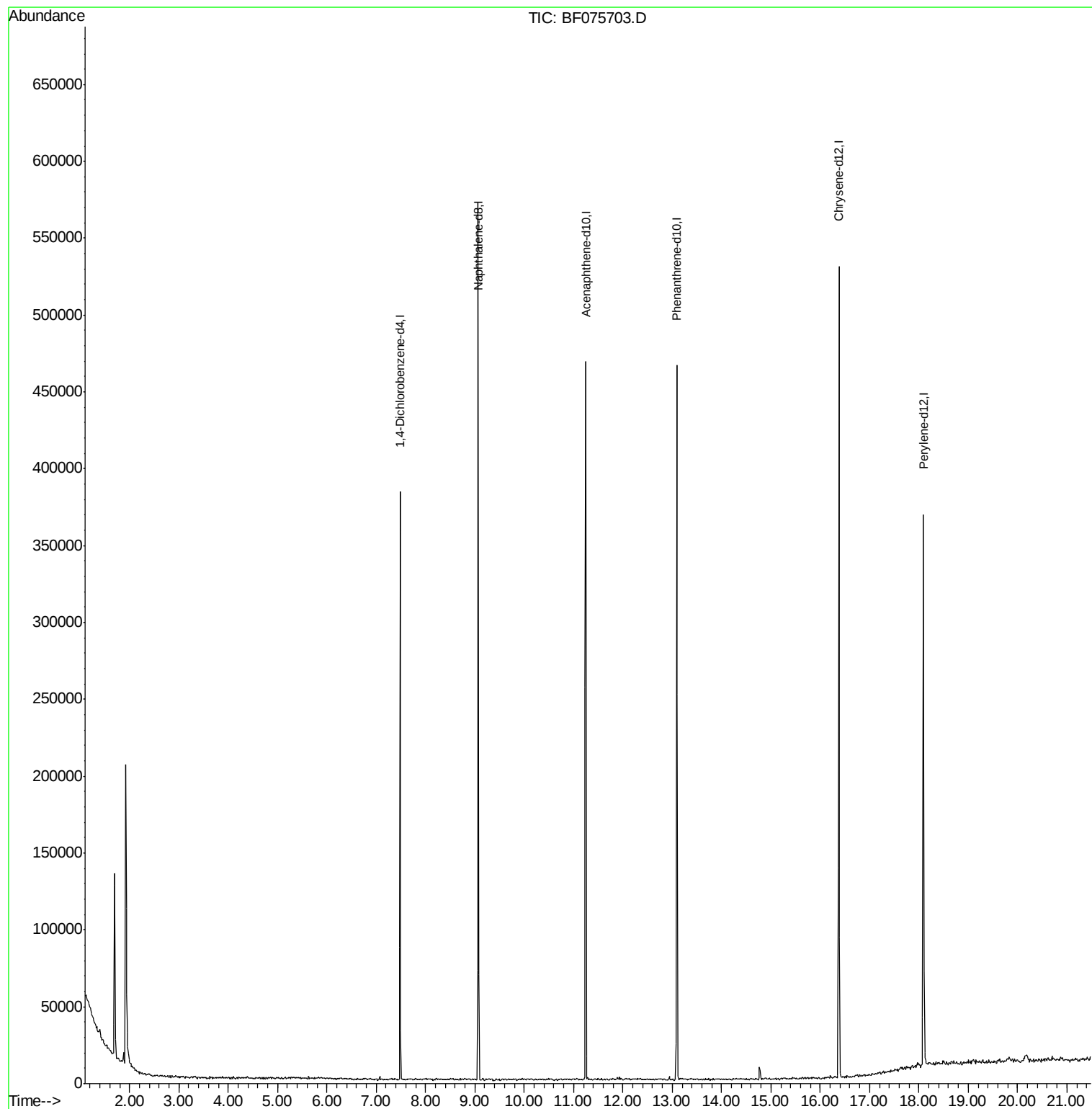
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	60219	20.00	ng	0.01
21) Naphthalene-d8	9.06	136	252401	20.00	ng	0.01
38) Acenaphthene-d10	11.25	164	123353	20.00	ng	0.02
63) Phenanthrene-d10	13.09	188	206426	20.00	ng	0.01
75) Chrysene-d12	16.38	240	197715	20.00	ng	0.01
86) Perylene-d12	18.09	264	189973	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	10.41	172	285	0.04	ng	0.01
78) Terphenyl-d14	15.09	244	527	0.07	ng	0.02
Target Compounds						
76) Benzidine	14.78	184	6512	Below Cal		Qvalue # 92

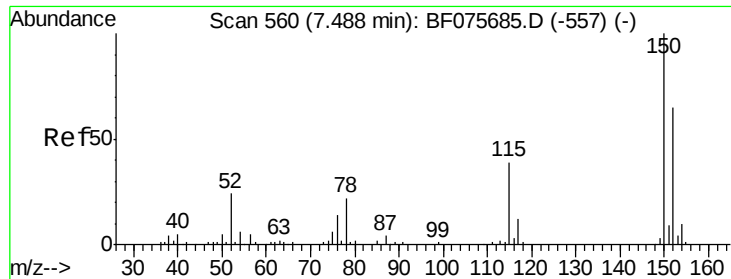
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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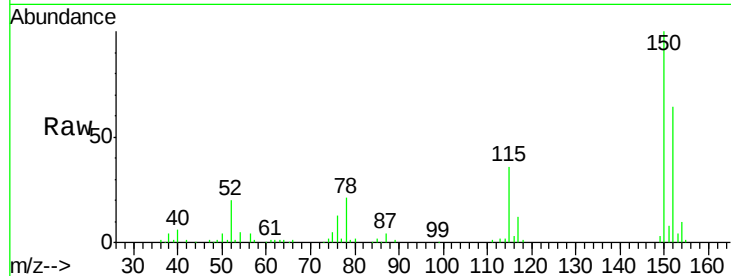




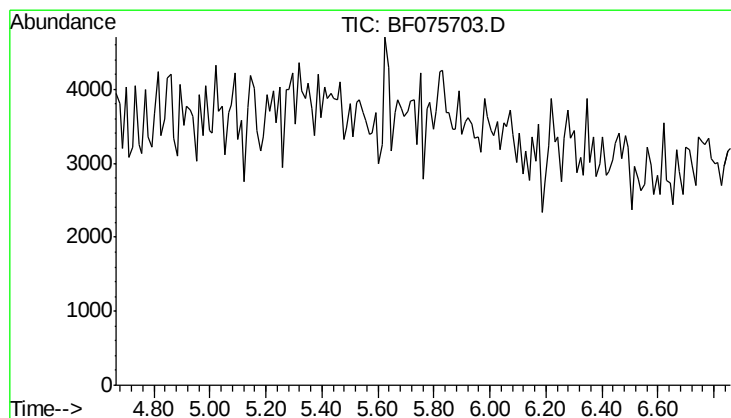
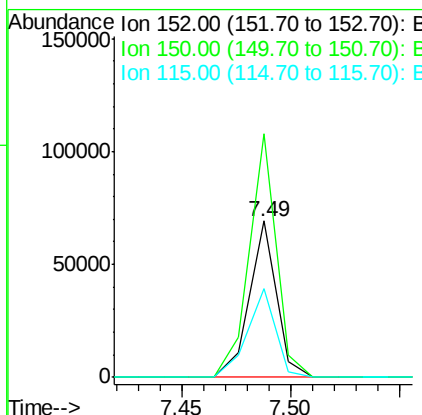
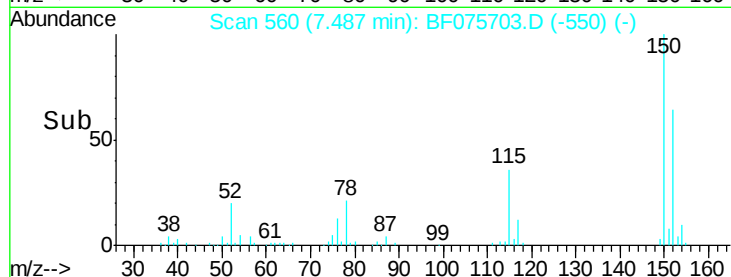
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.49 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF075703.D
 Acq: 20 Nov 2014 10:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 60219
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.2 190.8
 115 56.5 57.1 85.7#



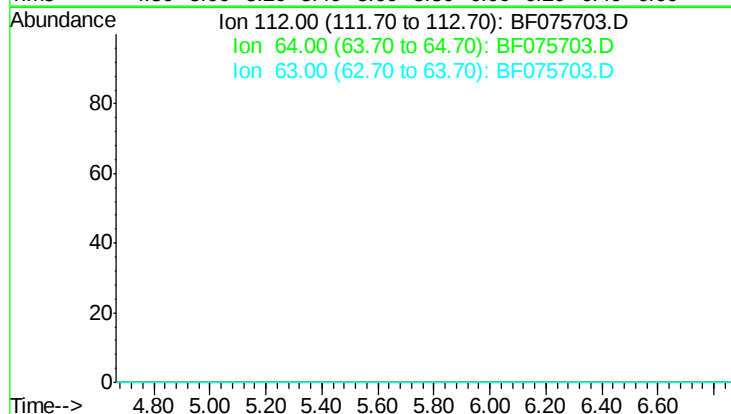
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

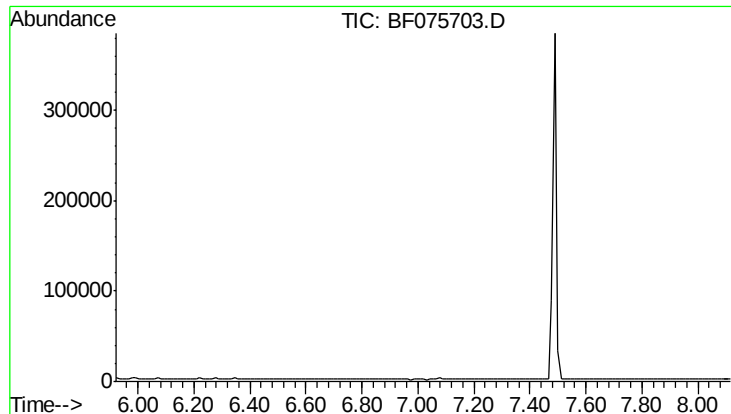


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.76 min

Lab File: BF075703.D
 Acq: 20 Nov 2014 10:48

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.2
 63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.02 min

Lab File: BF075703.D

Acq: 20 Nov 2014 10:48

Instrument :

BNA_F

ClientSampleId :

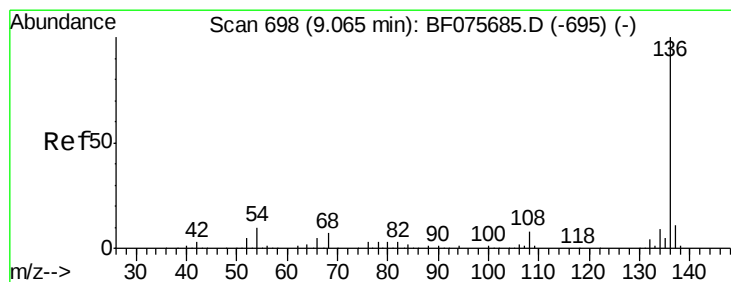
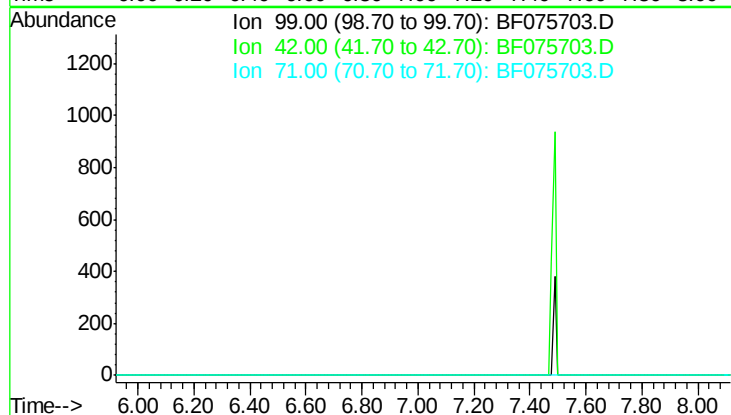
Tot Ion: 99

Sig Exp Ratio

99 100

42 24.7

71 31.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF075703.D

Acq: 20 Nov 2014 10:48

Tgt Ion:136 Resp: 252401

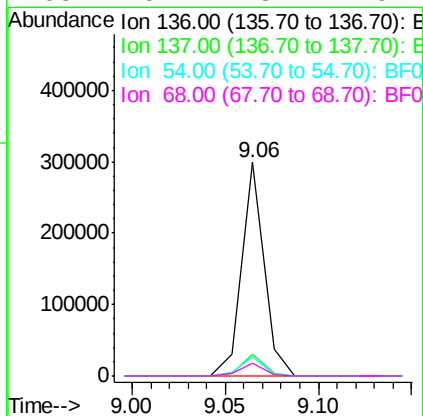
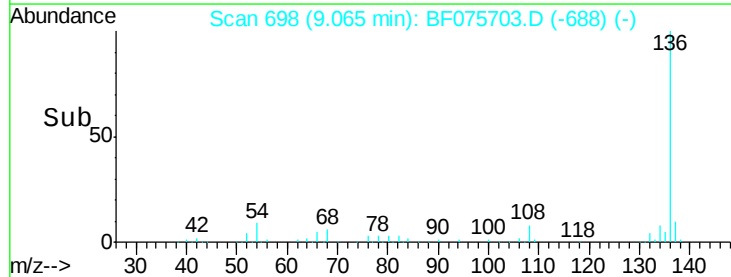
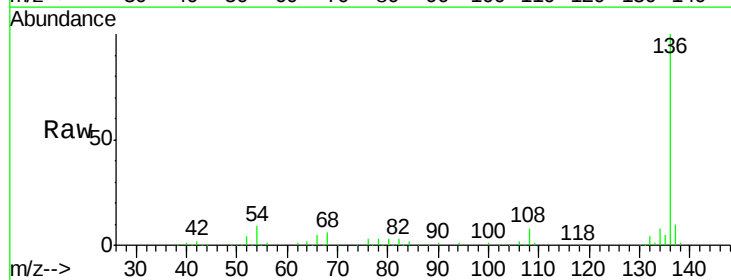
Ion Ratio Lower Upper

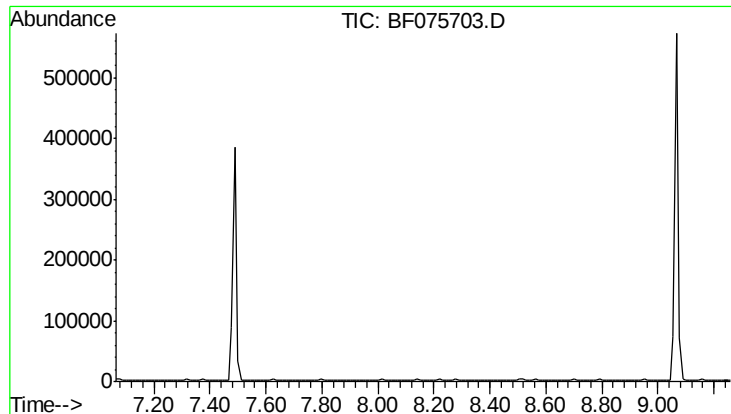
136 100

137 10.4 8.2 12.4

54 8.7 6.2 9.4

68 6.1 3.4 5.2#

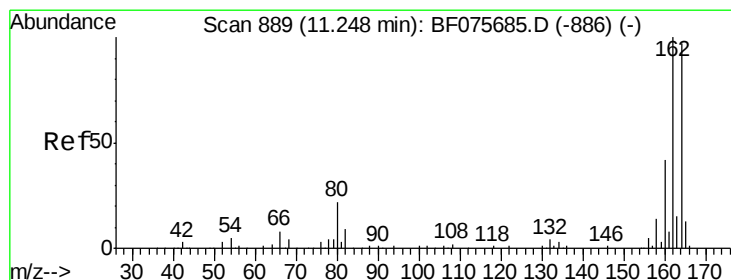
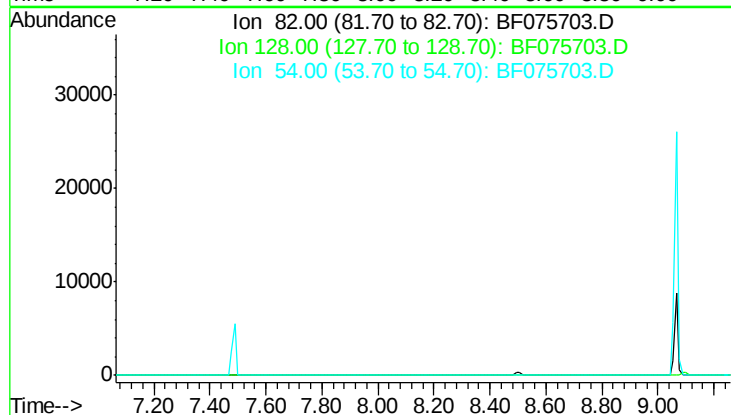




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 8.16 min
 Lab File: BF075703.D
 Acq: 20 Nov 2014 10:48

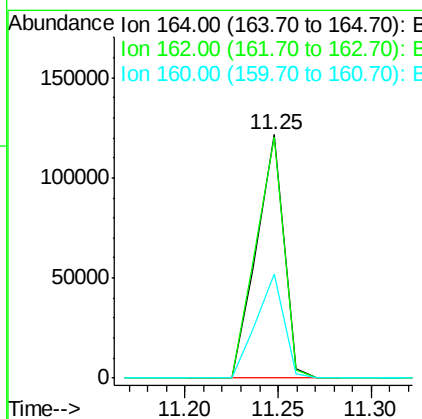
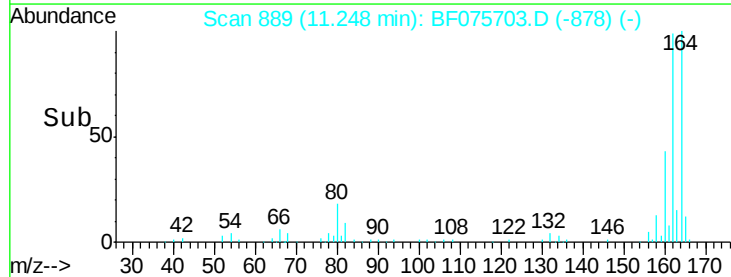
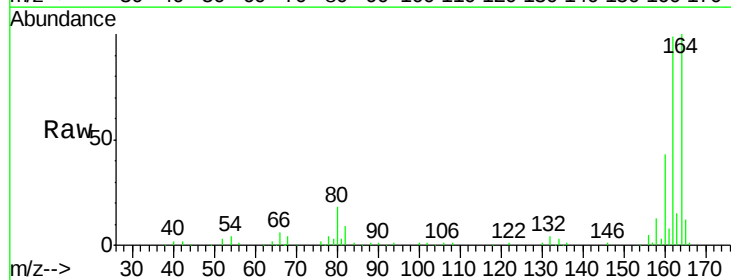
Instrument :
 BNA_F
 ClientSampleId :

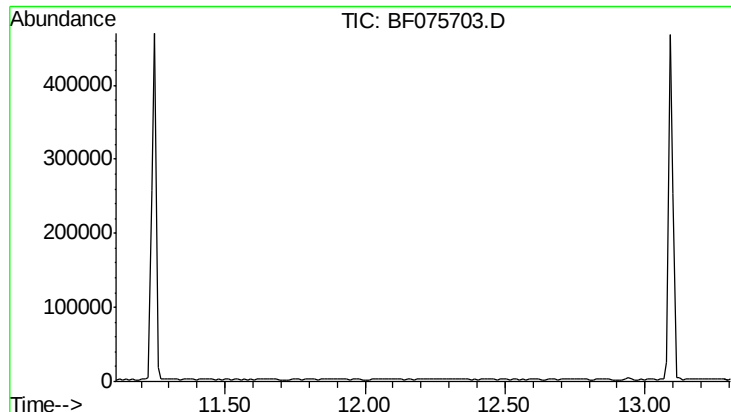
Tot Ion	82
Sig	Exp Ratio
82	100
128	47.2
54	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 889
 Delta R.T. 0.02 min
 Lab File: BF075703.D
 Acq: 20 Nov 2014 10:48

Tgt Ion	164	Resp	123353
Ion Ratio	Lower	Upper	
164	100		
162	99.2	79.1	118.7
160	42.7	34.6	51.8

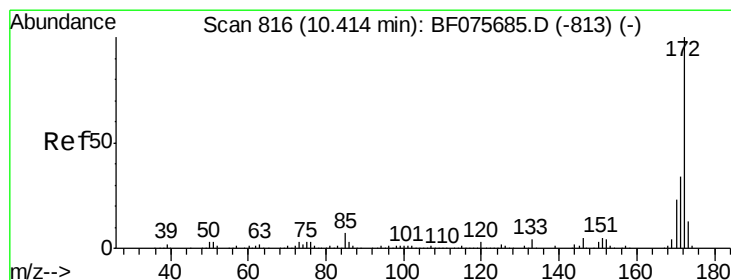
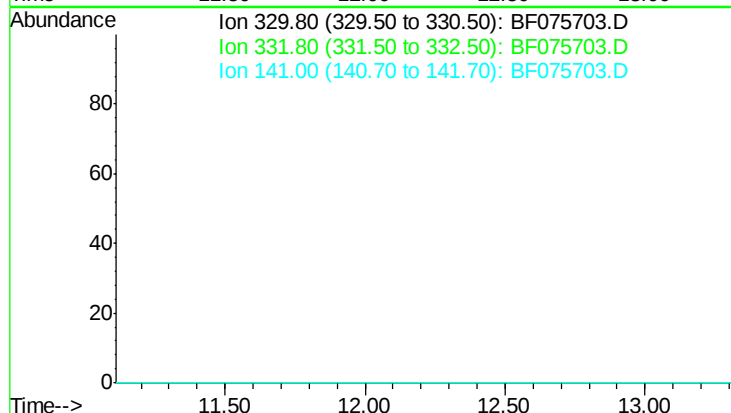




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 12.21 min
 Lab File: BF075703.D
 Acq: 20 Nov 2014 10:48

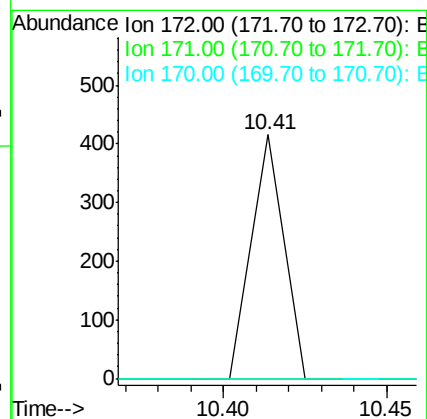
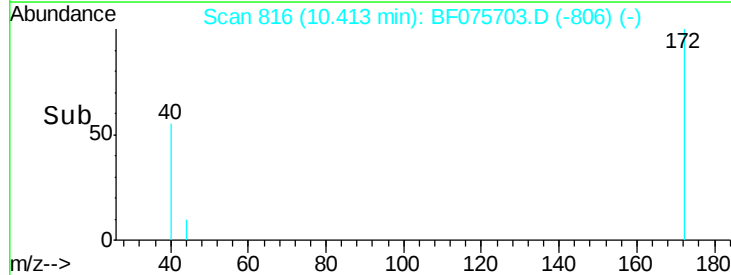
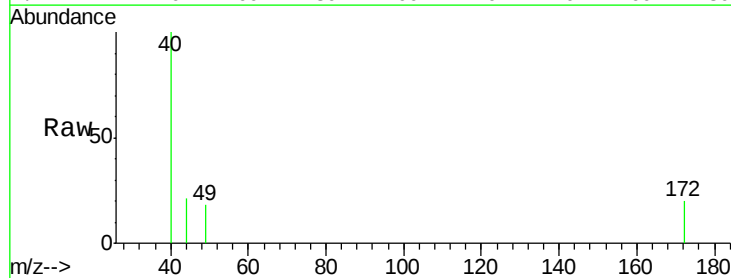
Instrument :
 BNA_F
 ClientSampleId :

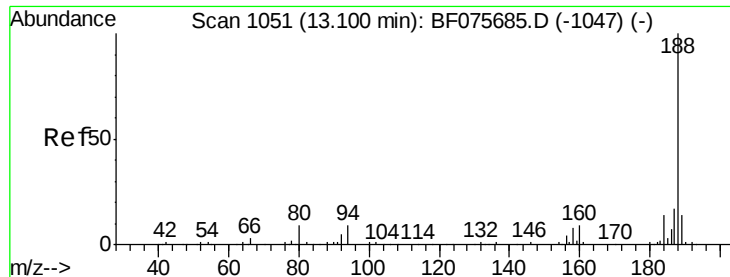
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 93.1
 141 38.4



#44
 2-Fluorobiphenyl
 Concen: 0.04 ng
 RT: 10.41 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF075703.D
 Acq: 20 Nov 2014 10:48

Tgt Ion: 172 Resp: 285
 Ion Ratio Lower Upper
 172 100
 171 0.0 27.3 40.9#
 170 0.0 18.4 27.6#

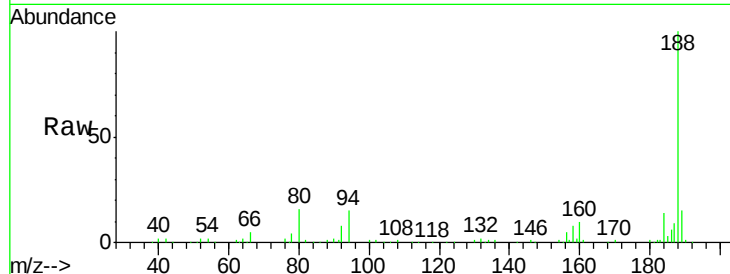




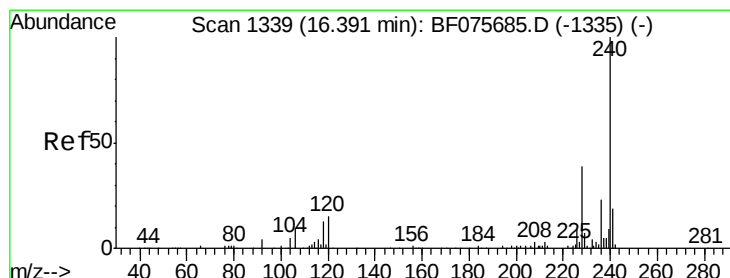
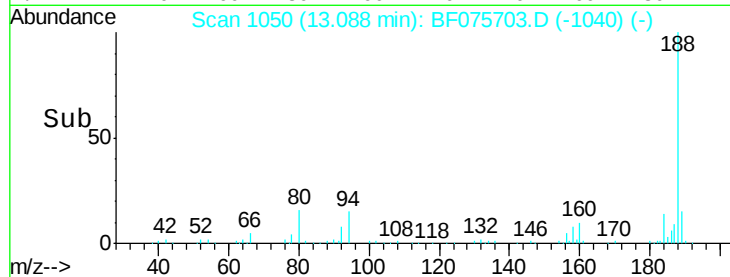
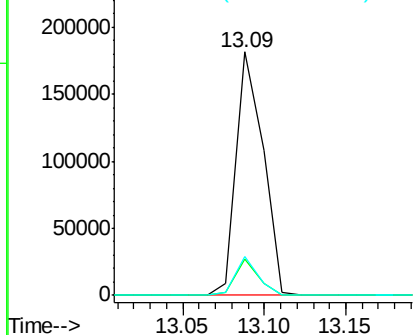
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.09 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF075703.D
Acq: 20 Nov 2014 10:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 206426
Ion Ratio Lower Upper
188 100
94 14.7 7.8 11.6#
80 15.9 8.0 12.0#

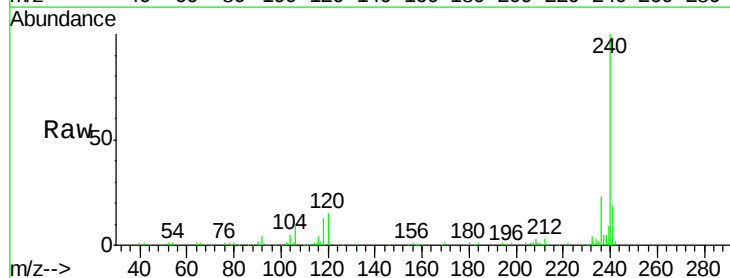


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

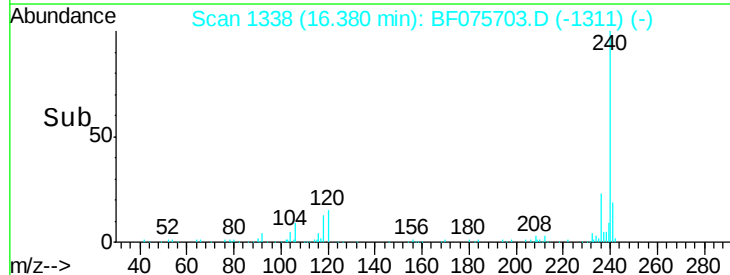
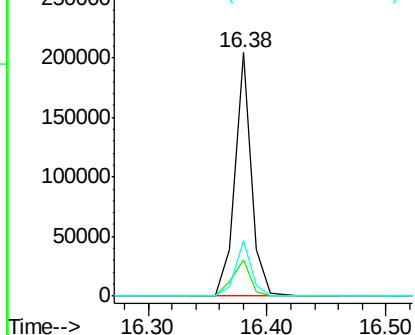


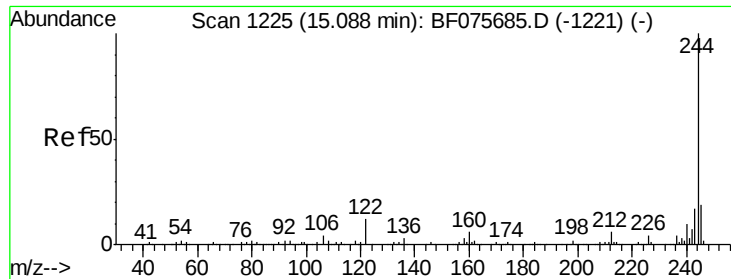
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.38 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF075703.D
Acq: 20 Nov 2014 10:48

Tgt Ion:240 Resp: 197715
Ion Ratio Lower Upper
240 100
120 15.0 9.6 14.4#
236 22.7 18.9 28.3



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: 0.07 ng

RT: 15.09 min Scan# 1225

Delta R.T. 0.02 min

Lab File: BF075703.D

Acq: 20 Nov 2014 10:48

Instrument :

BNA_F

ClientSampleId :

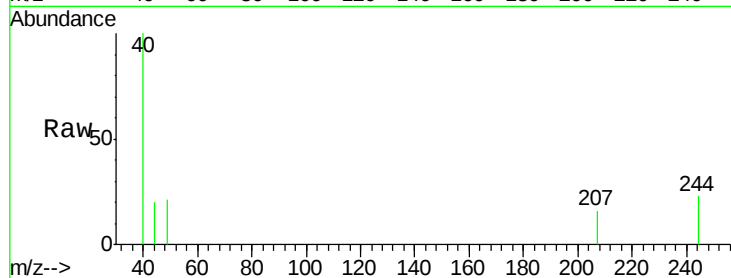
Tot Ion:244 Resp: 527

Ion Ratio Lower Upper

244 100

212 0.0 5.5 8.3#

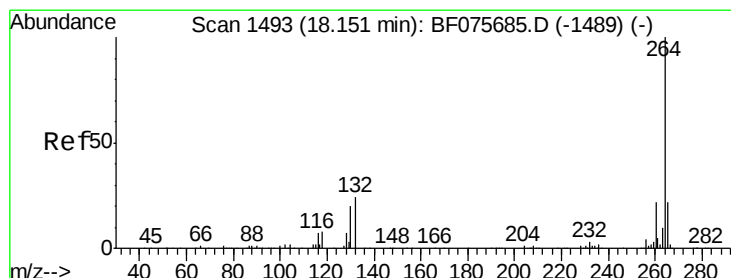
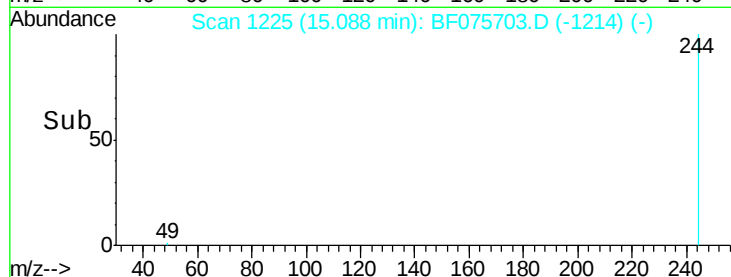
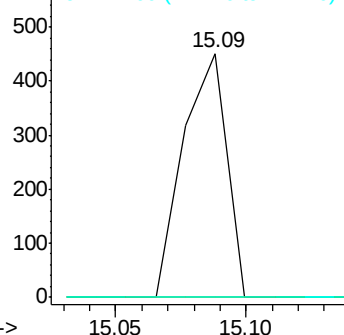
122 0.0 9.7 14.5#



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: 18.09 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BF075703.D

Acq: 20 Nov 2014 10:48

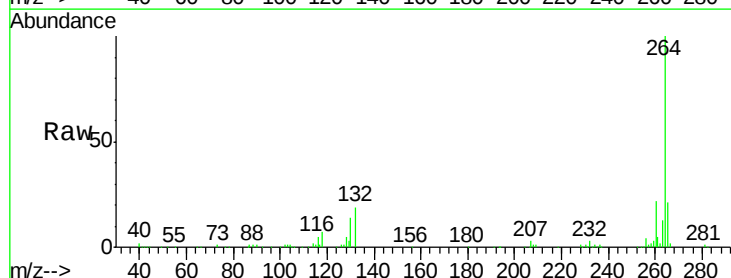
Tgt Ion:264 Resp: 189973

Ion Ratio Lower Upper

264 100

260 21.7 17.9 26.9

265 21.0 16.3 24.5



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

