

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
 Data File : BF083866.D
 Acq On : 17 Dec 2015 4:29
 Operator : UM/SJ
 Sample : PB87315TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87315TB

Quant Time: Dec 17 06:11:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	117435	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	506565	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	232398	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	431302	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	297680	20.00	ng	-0.02
86) Perylene-d12	15.49	264	258662	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	540459	74.25	ng	-0.02
7) Phenol-d6	6.52	99	726694	78.83	ng	-0.02
23) Nitrobenzene-d5	7.45	82	438177	48.39	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	172518	72.85	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	829701	46.08	ng	-0.03
78) Terphenyl-d14	13.00	244	863184	62.37	ng	-0.02

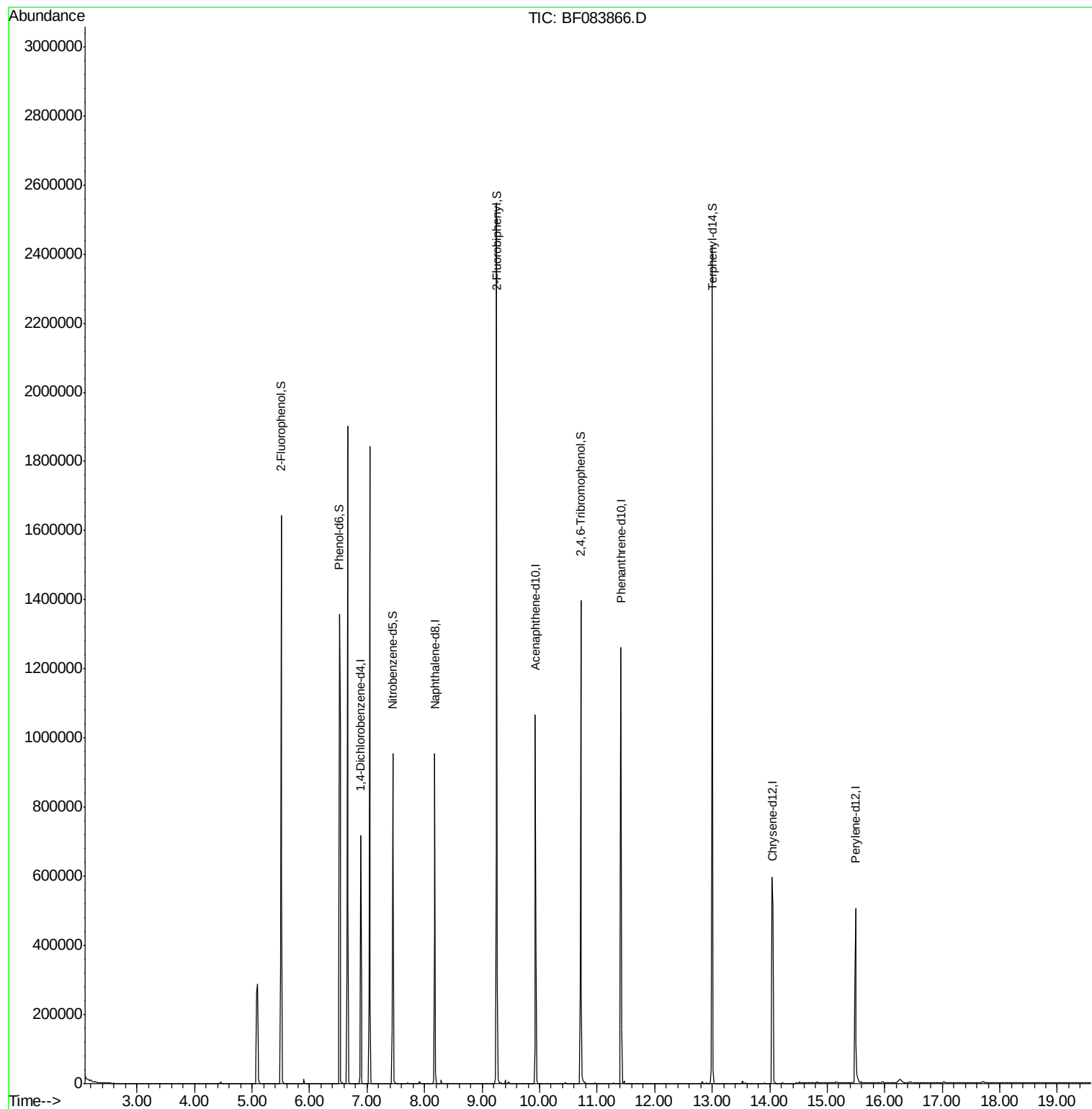
Target Compounds Qvalue

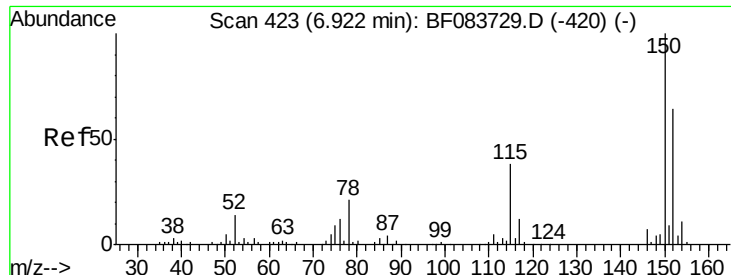
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083866.D

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PB87315TB

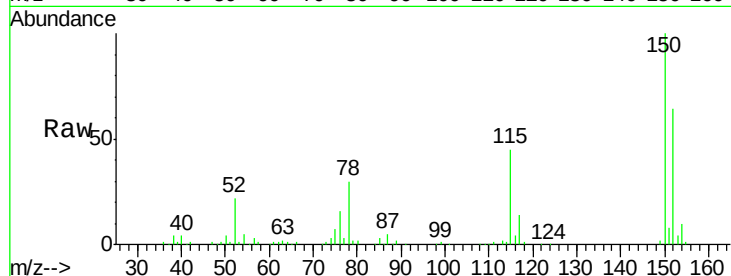
Tot Ion:152 Resp: 117435

Ion Ratio Lower Upper

152 100

150 156.7 126.5 189.7

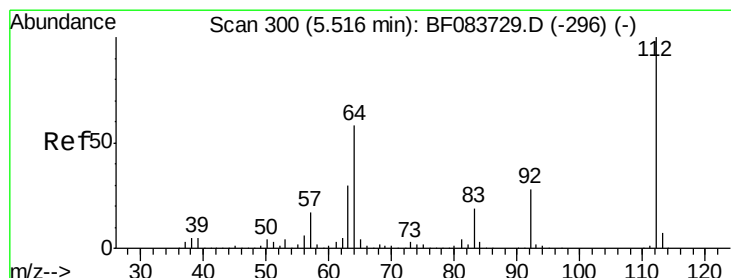
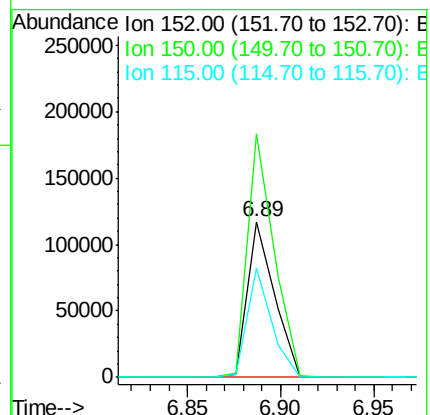
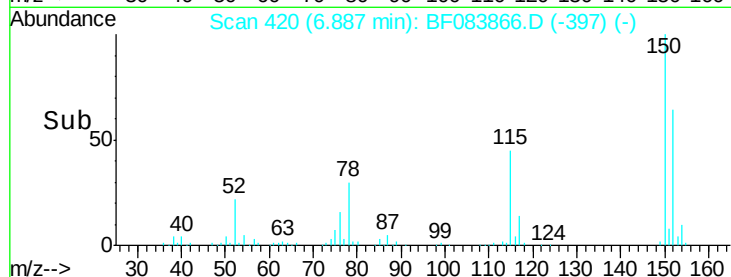
115 70.6 52.3 78.5



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: 74.25 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083866.D

Acq: 17 Dec 2015 4:29

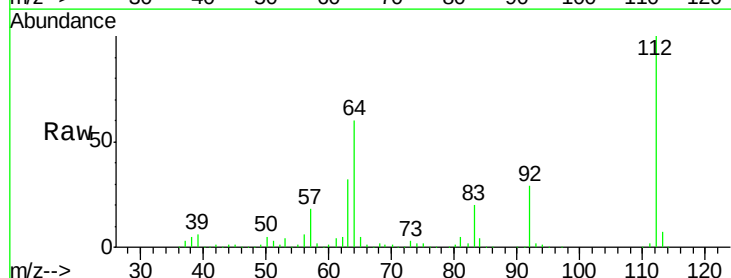
Tgt Ion:112 Resp: 540459

Ion Ratio Lower Upper

112 100

64 59.9 50.5 75.7

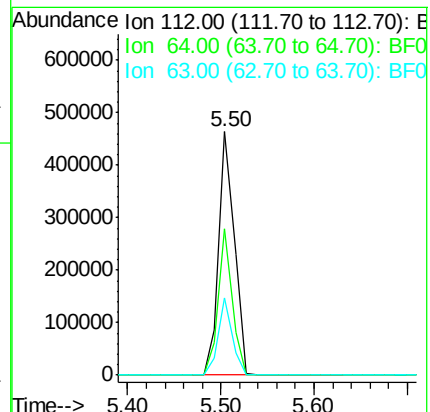
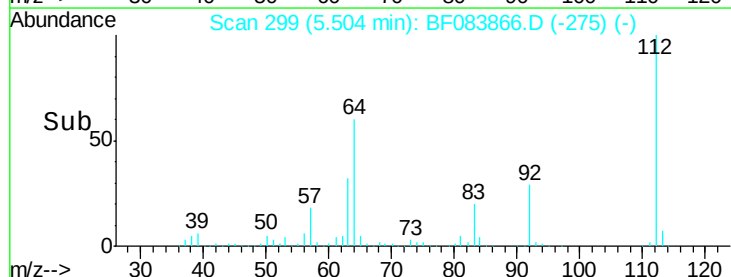
63 31.6 25.8 38.6

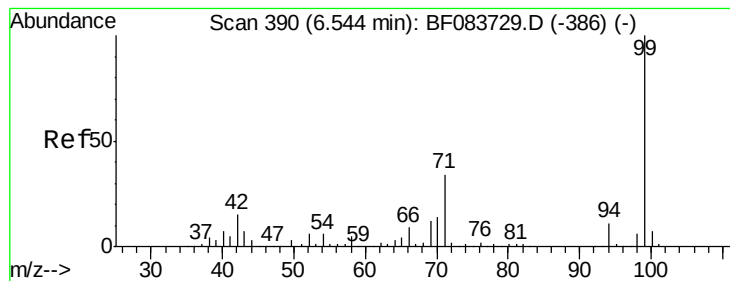


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.83 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083866.D

Acq: 17 Dec 2015 4:29

Instrument :

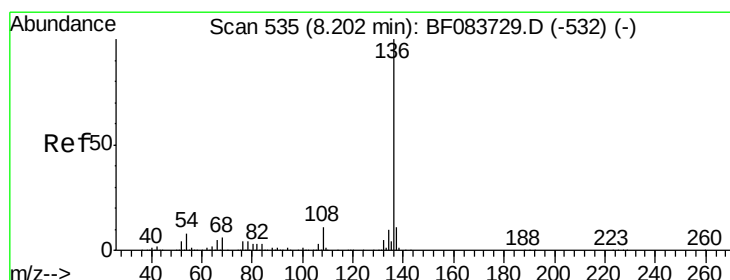
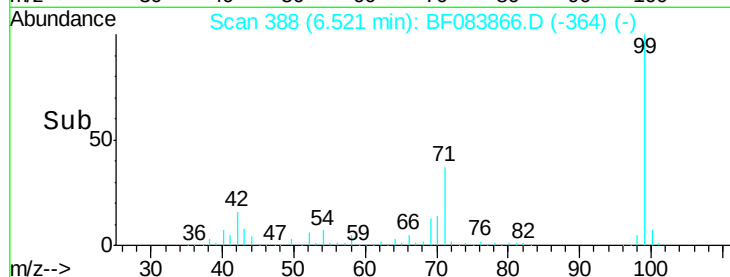
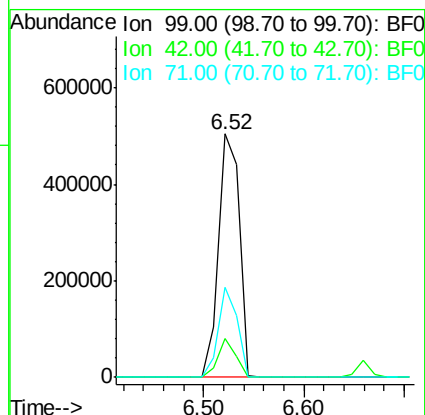
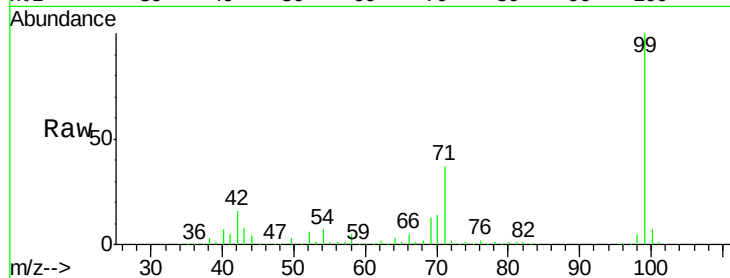
BNA_F

ClientSampleId :

PB87315TB

Tot Ion: 99 Resp: 726694

Ion	Ratio	Lower	Upper
99	100		
42	16.1	17.3	25.9#
71	36.9	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

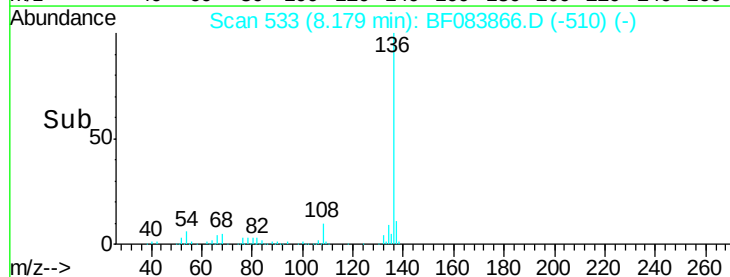
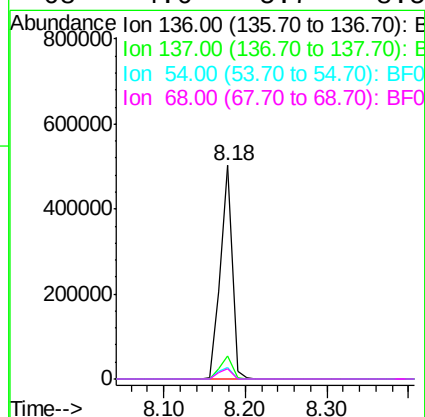
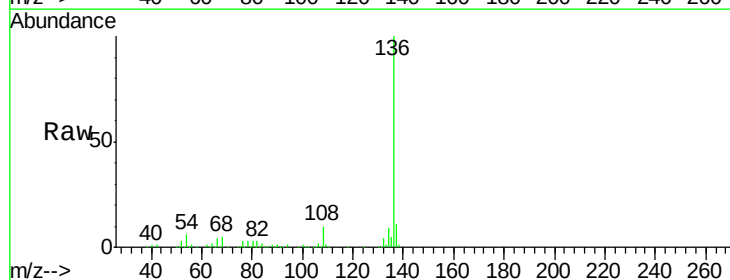
Delta R.T. -0.03 min

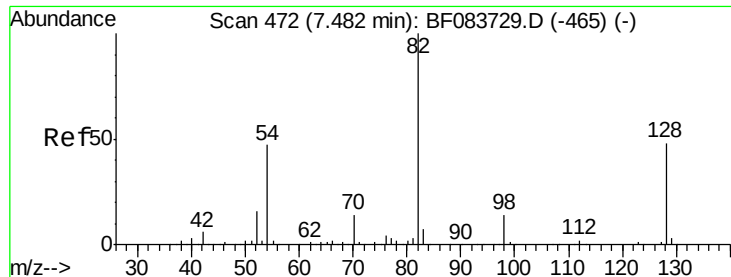
Lab File: BF083866.D

Acq: 17 Dec 2015 4:29

Tgt Ion: 136 Resp: 506565

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.6	7.8	11.6#
68	4.6	5.7	8.5#

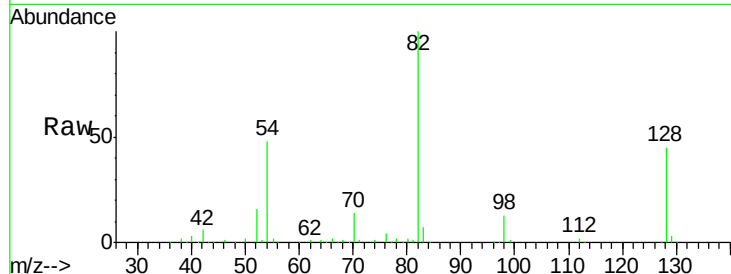




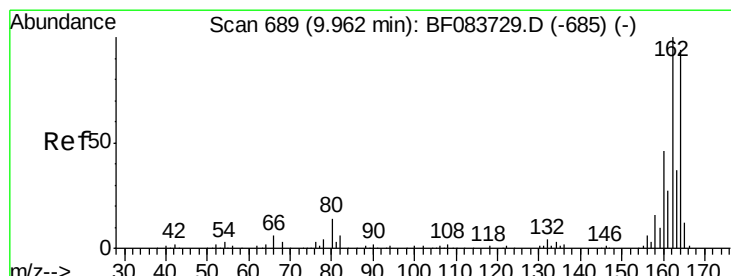
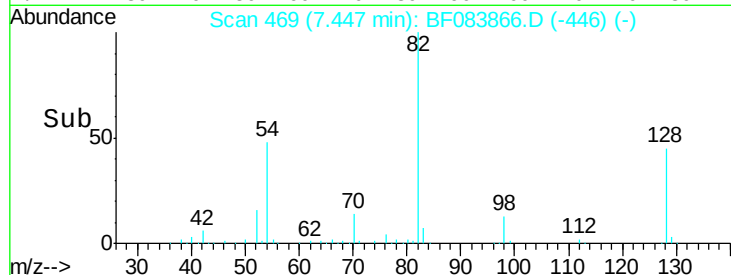
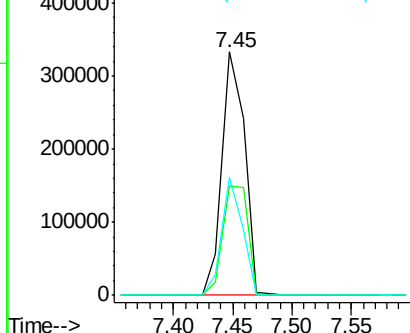
#23
 Nitrobenzene-d5
 Concen: 48.39 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

Instrument :
 BNA_F
 ClientSampleId :
 PB87315TB

Tot Ion: 82 Resp: 438177
 Ion Ratio Lower Upper
 82 100
 128 44.8 30.7 46.1
 54 48.4 42.5 63.7

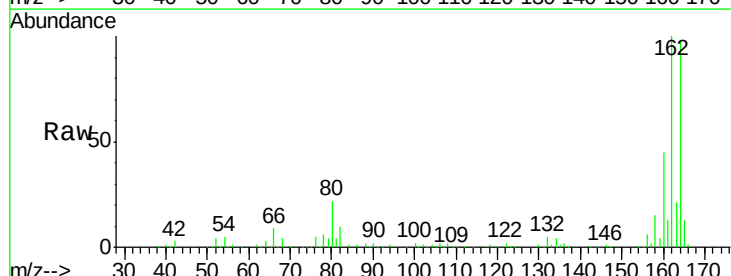


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

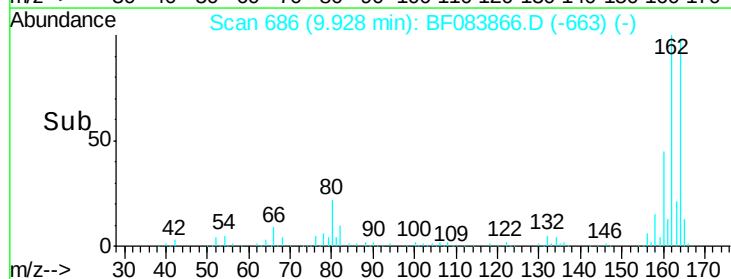
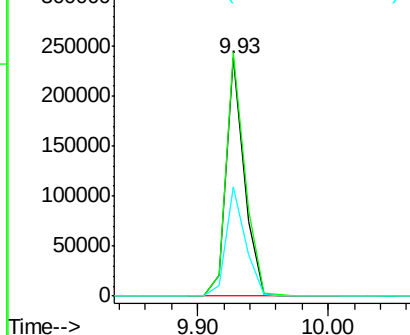


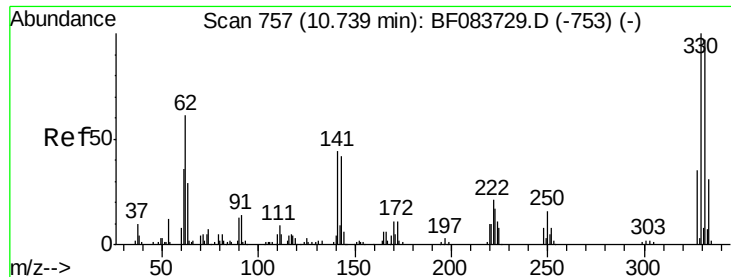
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

Tgt Ion:164 Resp: 232398
 Ion Ratio Lower Upper
 164 100
 162 102.1 78.8 118.2
 160 45.6 33.4 50.2



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

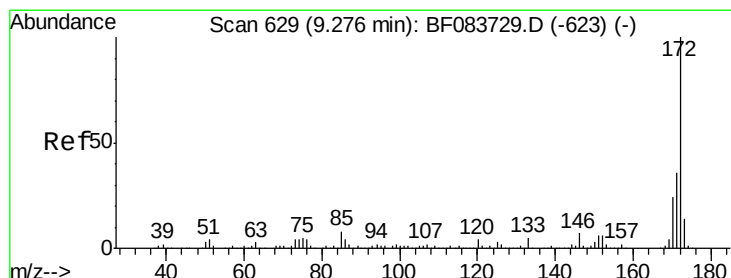
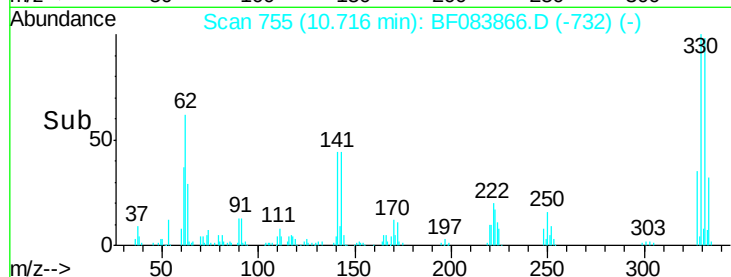
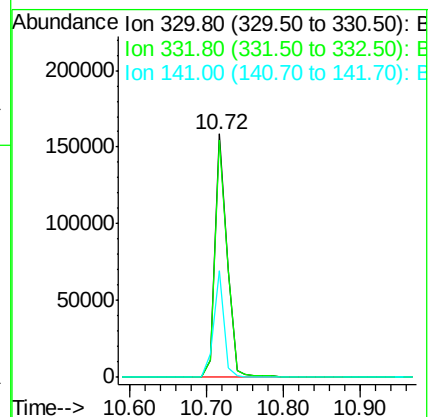
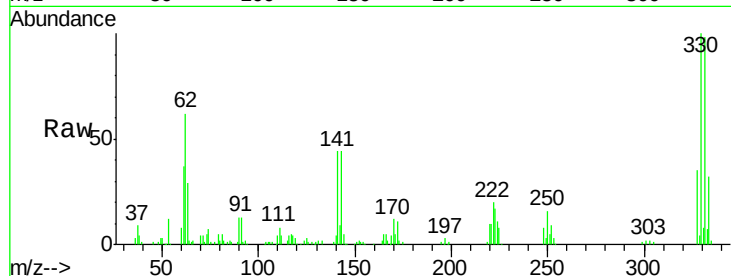




#41
 2,4,6-Tribromophenol
 Concen: 72.85 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

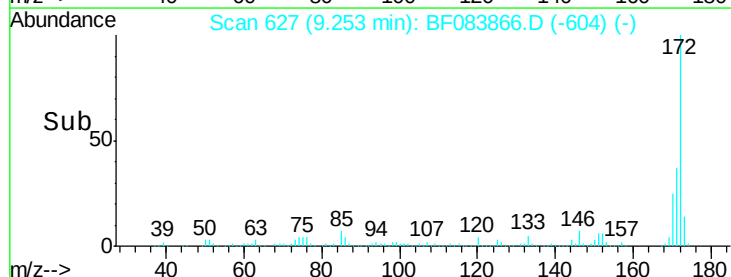
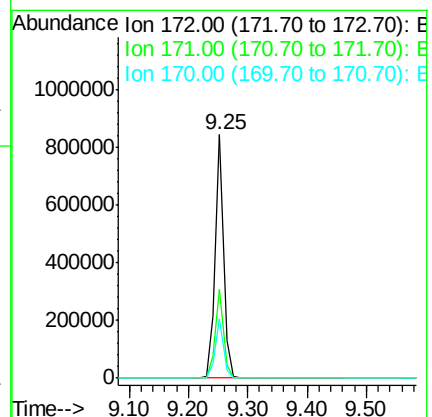
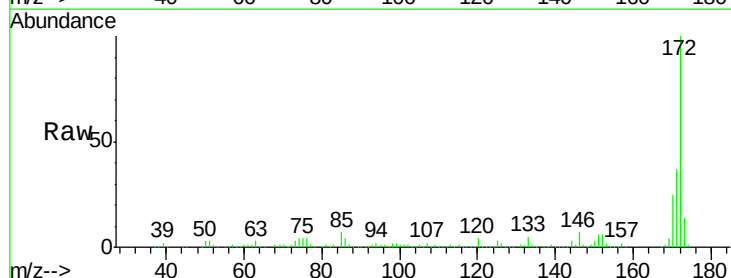
Instrument :
 BNA_F
 ClientSampleId :
 PB87315TB

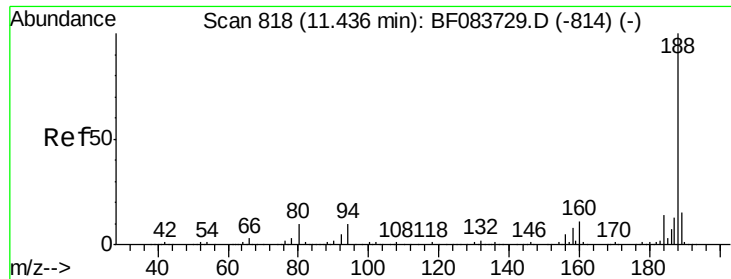
Tot Ion:330 Resp: 172518
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 37.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 46.08 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

Tgt Ion:172 Resp: 829701
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 42.8
 170 24.5 19.4 29.0

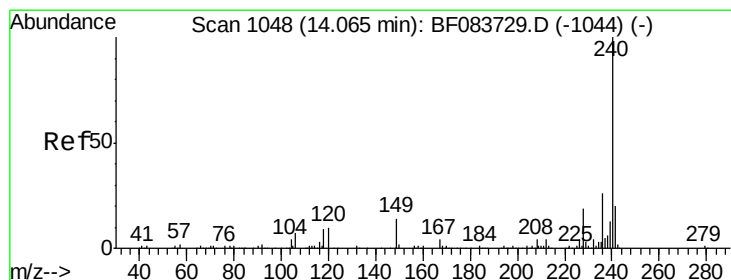
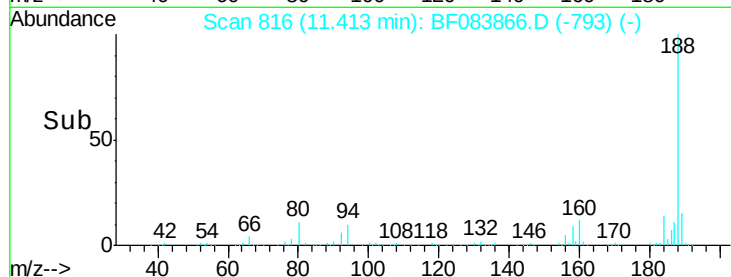
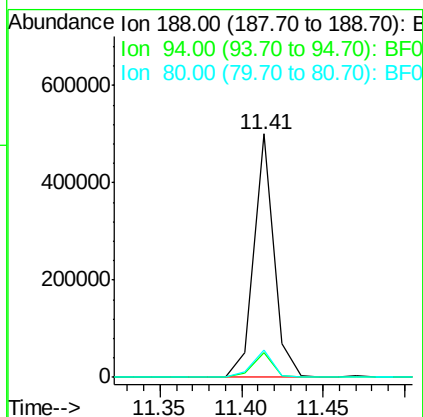
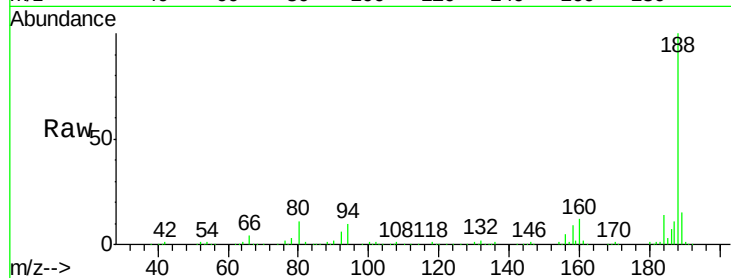




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083866.D
Acq: 17 Dec 2015 4:29

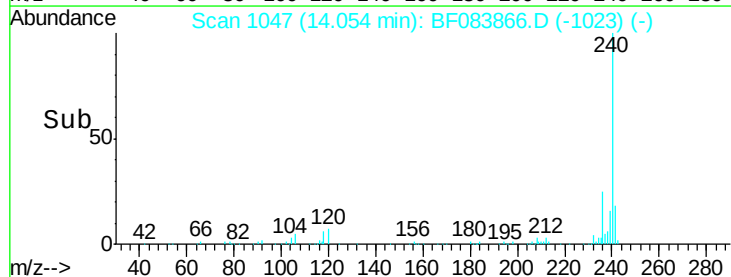
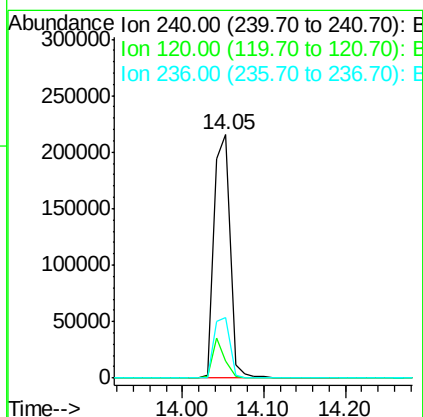
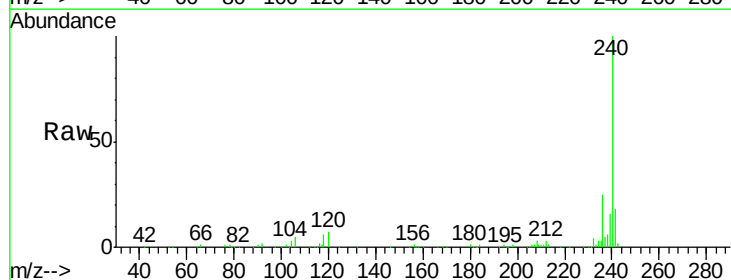
Instrument :
BNA_F
ClientSampleId :
PB87315TB

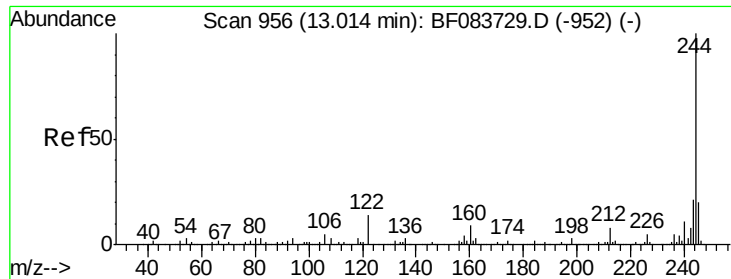
Tot Ion:188 Resp: 431302
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.2 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083866.D
Acq: 17 Dec 2015 4:29

Tgt Ion:240 Resp: 297680
Ion Ratio Lower Upper
240 100
120 7.1 8.1 12.1#
236 24.8 20.8 31.2

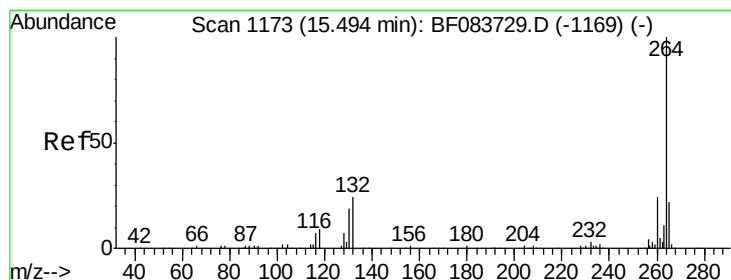
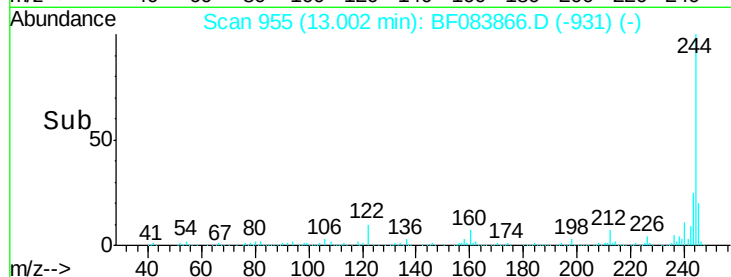
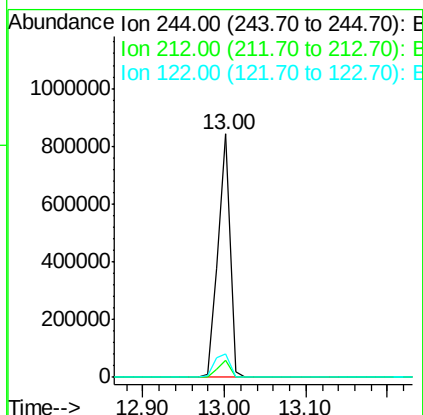
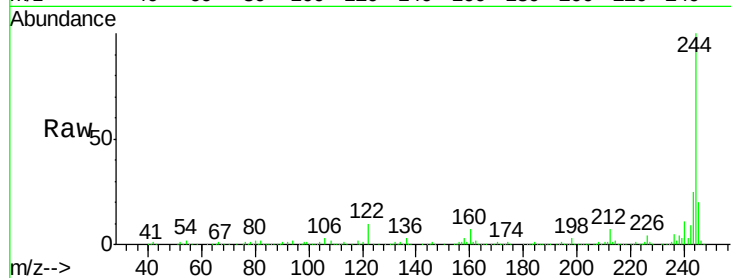




#78
 Terphenyl-d14
 Concen: 62.37 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

Instrument :
 BNA_F
 ClientSampled :
 PB87315TB

Tot Ion:244 Resp: 863184
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 9.7 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

Tgt Ion:264 Resp: 258662
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.4 17.8 26.6

