

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
 Data File : BF075718.D
 Acq On : 20 Nov 2014 19:30
 Operator : TP / JJ
 Sample : PB80448TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 01:11:10 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

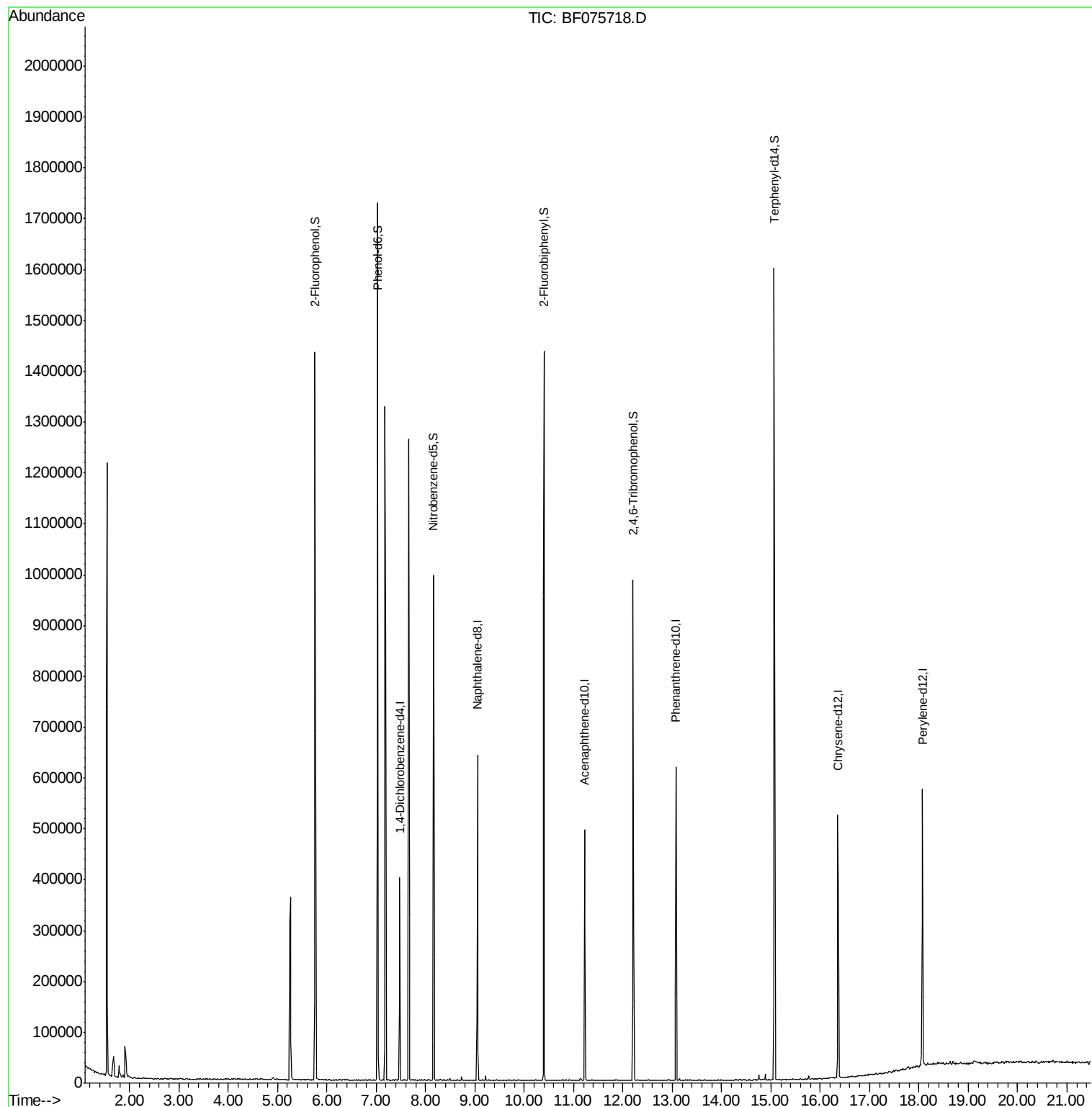
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	66772	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	282312	20.00	ng	-0.01
38) Acenaphthene-d10	11.22	164	135650	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	227558	20.00	ng	-0.01
75) Chrysene-d12	16.36	240	245765	20.00	ng	-0.03
86) Perylene-d12	18.07	264	243524	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	464612	108.10	ng	-0.02
7) Phenol-d6	7.03	99	613738	117.42	ng	-0.01
23) Nitrobenzene-d5	8.16	82	299890	65.20	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	122005	110.32	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	594157	68.57	ng	-0.01
78) Terphenyl-d14	15.07	244	595370	60.59	ng	-0.02
Target Compounds						
76) Benzidine	14.76	184	5740	Below Cal	Qvalue #	95

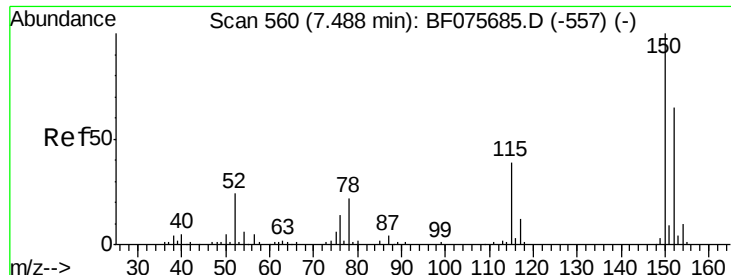
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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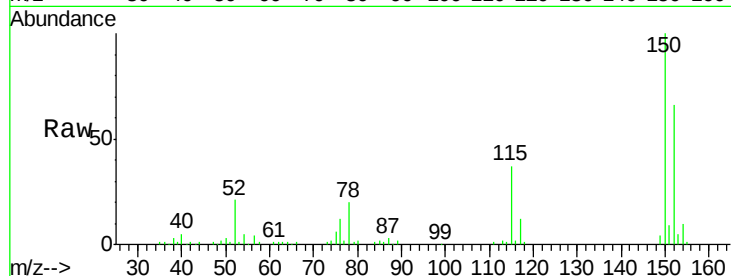


#1

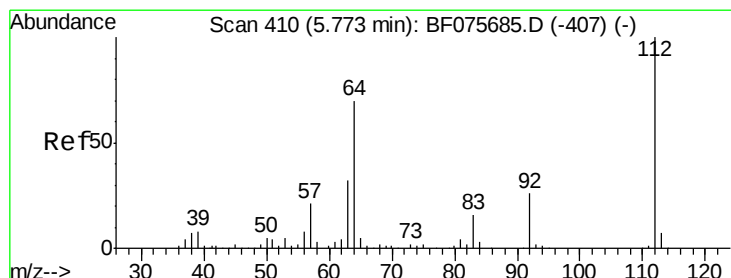
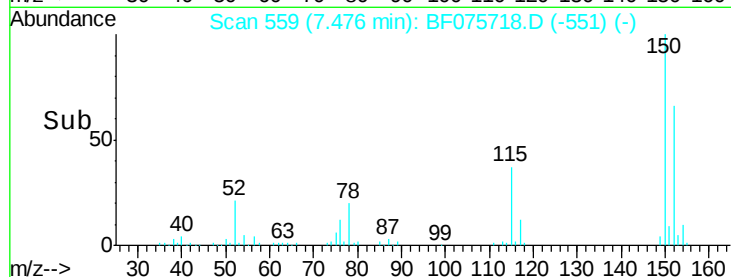
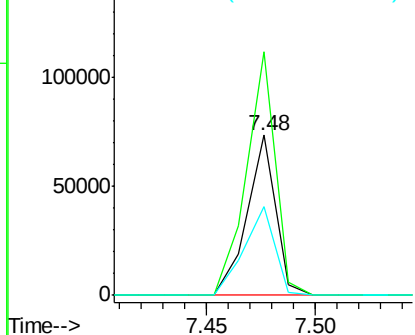
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.48 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF075718.D
 Acq: 20 Nov 2014 19:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 66772
 Ion Ratio Lower Upper
 152 100
 150 152.1 127.2 190.8
 115 55.7 57.1 85.7#



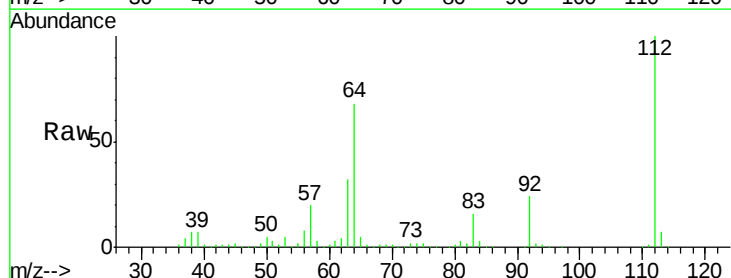
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



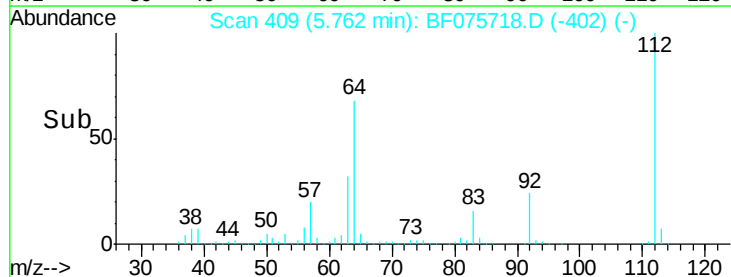
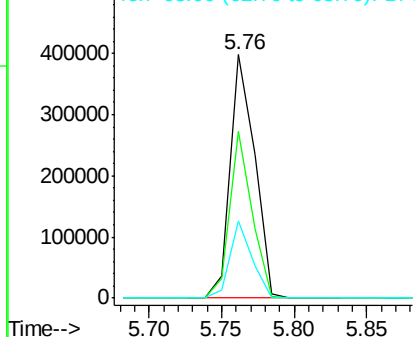
#5

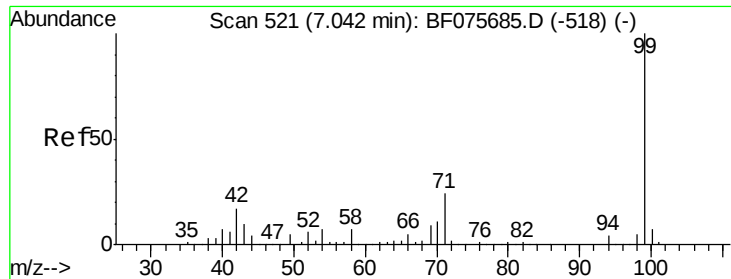
2-Fluorophenol
 Concen: 108.10 ng
 RT: 5.76 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF075718.D
 Acq: 20 Nov 2014 19:30

Tgt Ion:112 Resp: 464612
 Ion Ratio Lower Upper
 112 100
 64 68.5 45.8 68.6
 63 31.6 22.7 34.1



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: 117.42 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075718.D

Acq: 20 Nov 2014 19:30

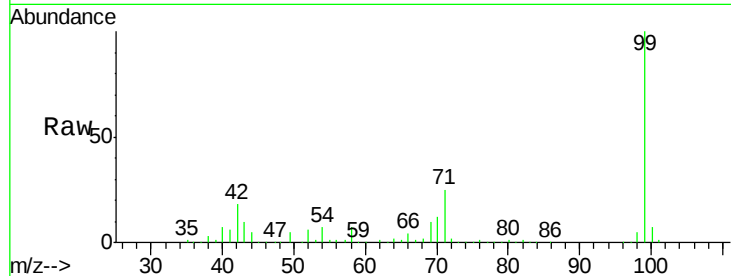
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 613738

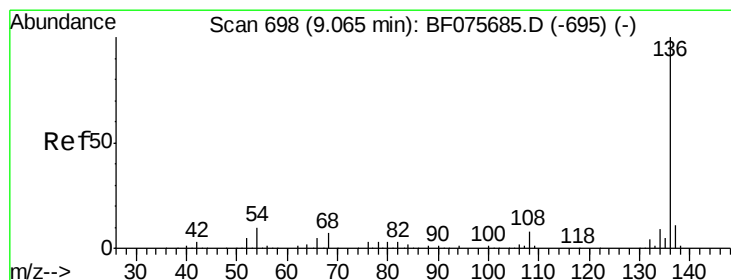
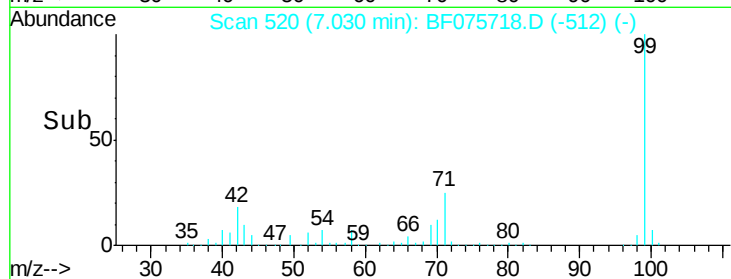
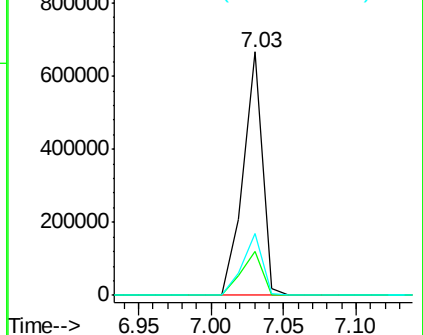
Ion	Ratio	Lower	Upper
99	100		
42	18.0	19.8	29.6#
71	25.3	25.5	38.3#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.05 min Scan# 697

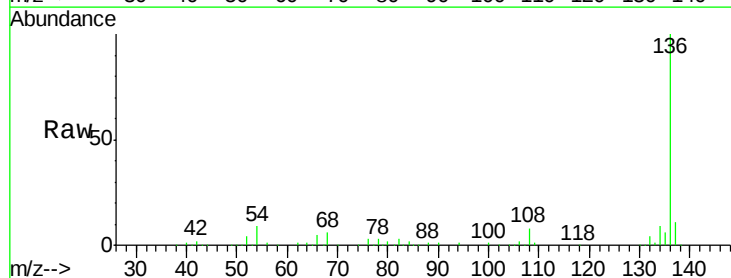
Delta R.T. -0.01 min

Lab File: BF075718.D

Acq: 20 Nov 2014 19:30

Tgt Ion: 136 Resp: 282312

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	9.0	6.2	9.4
68	6.4	3.4	5.2#

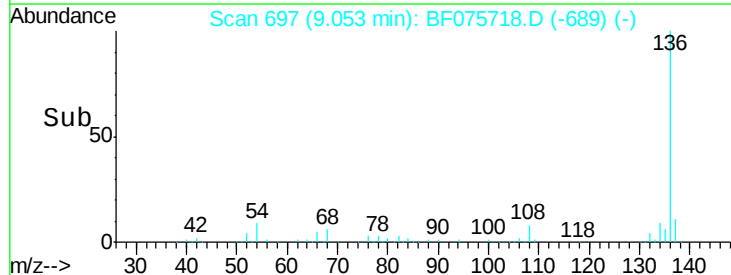
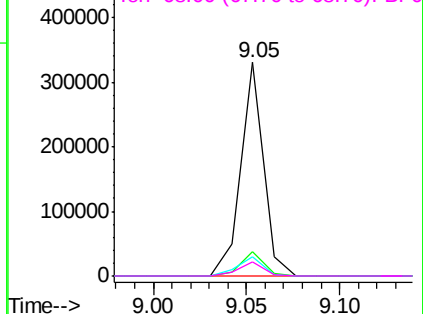


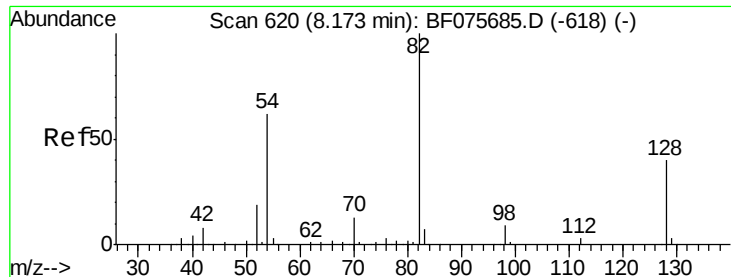
Abundance Ion 136.00 (135.70 to 136.70): E

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

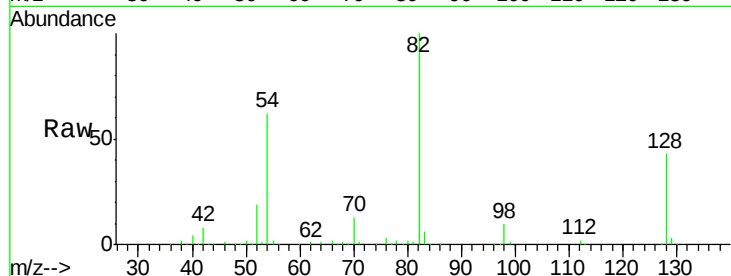




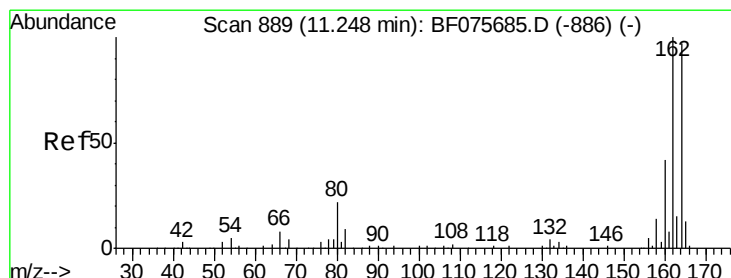
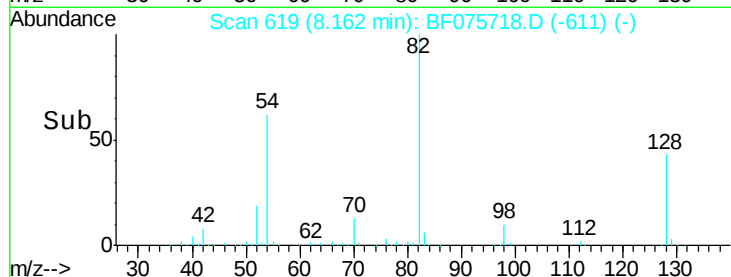
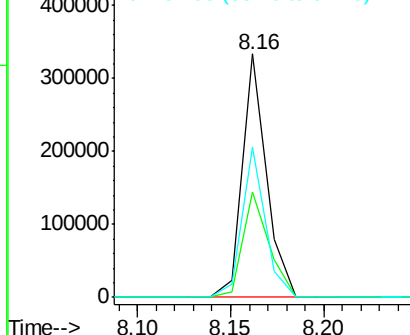
#23
Nitrobenzene-d5
Concen: 65.20 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF075718.D
Acq: 20 Nov 2014 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 299890
Ion Ratio Lower Upper
82 100
128 43.4 37.8 56.6
54 61.8 49.8 74.8

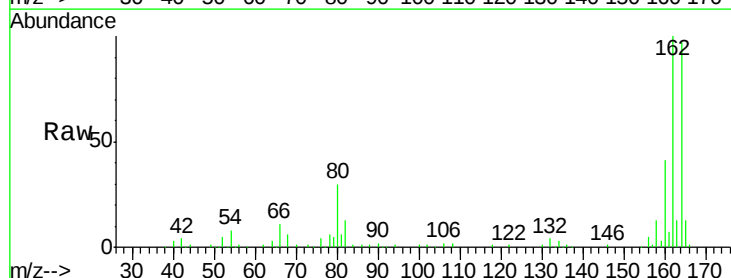


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

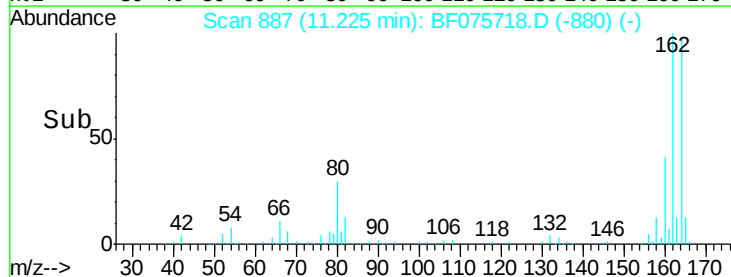
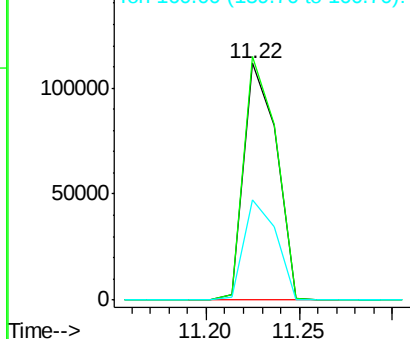


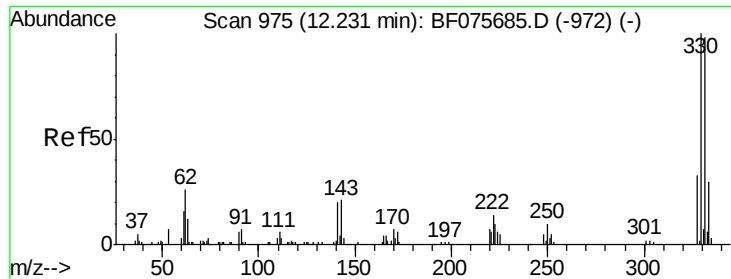
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF075718.D
Acq: 20 Nov 2014 19:30

Tgt Ion:164 Resp: 135650
Ion Ratio Lower Upper
164 100
162 102.8 79.1 118.7
160 42.3 34.6 51.8



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

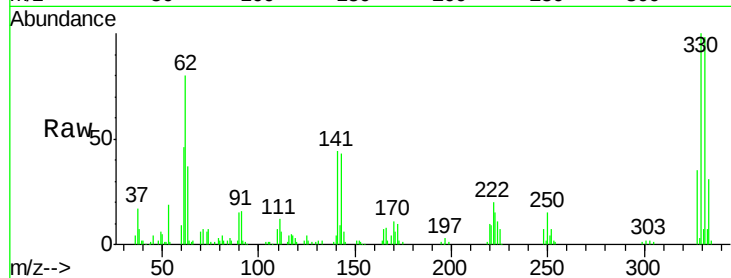




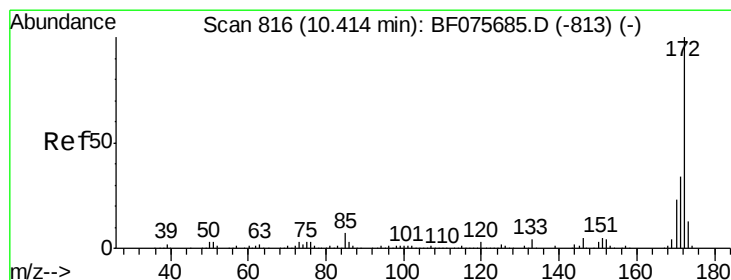
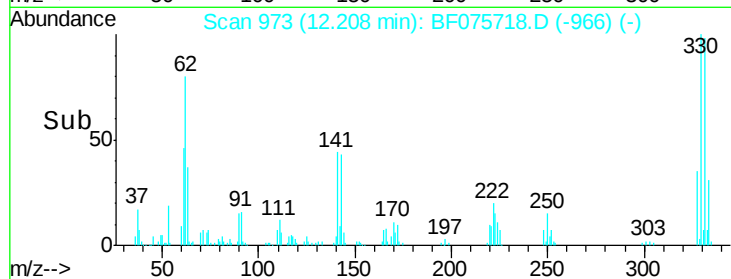
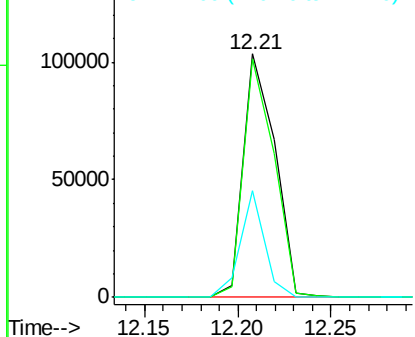
#41
 2,4,6-Tribromophenol
 Concen: 110.32 ng
 RT: 12.21 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF075718.D
 Acq: 20 Nov 2014 19:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	74.5	111.7
141	34.2	30.7	46.1

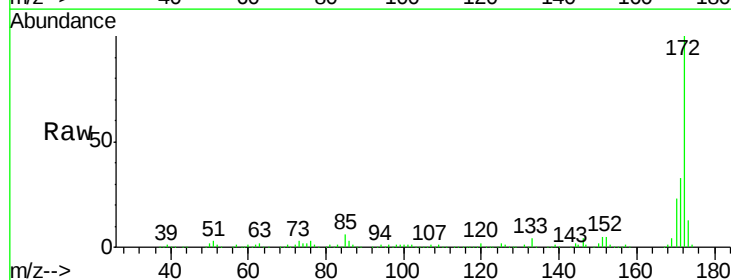


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

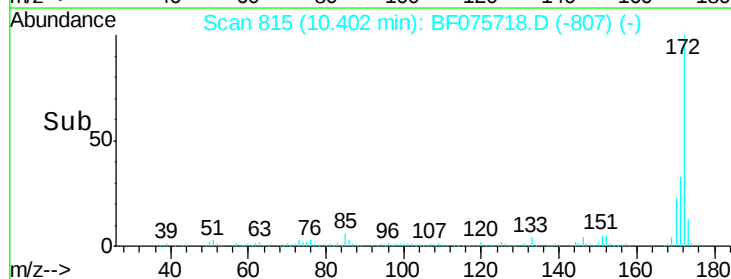
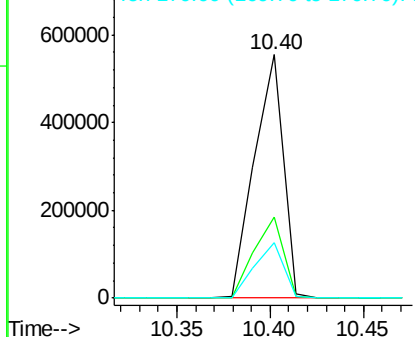


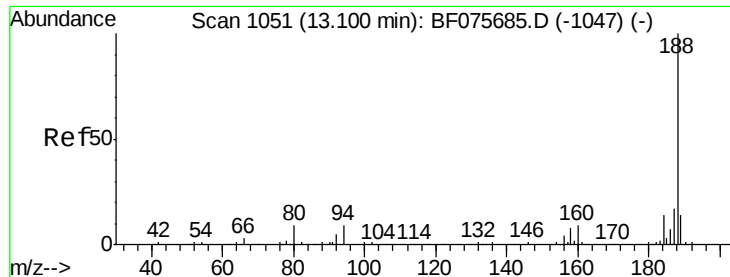
#44
 2-Fluorobiphenyl
 Concen: 68.57 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075718.D
 Acq: 20 Nov 2014 19:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.3	40.9
170	22.8	18.4	27.6



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

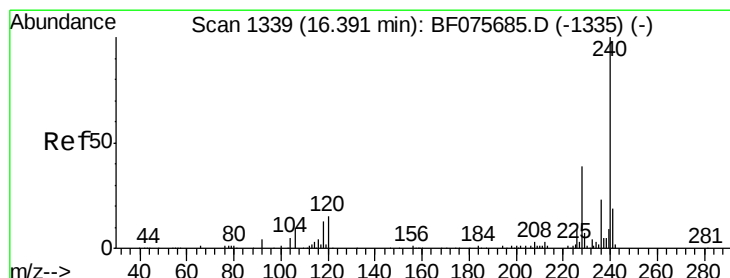
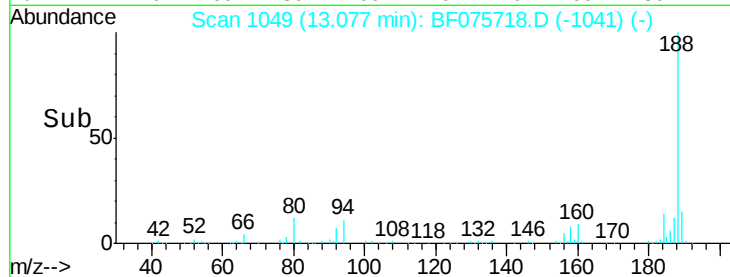
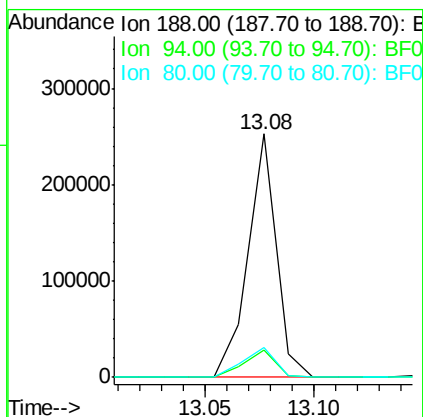
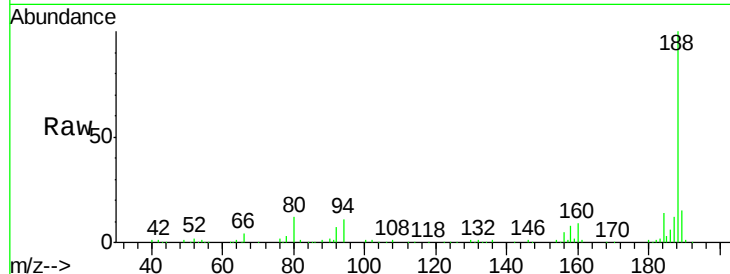




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075718.D
Acq: 20 Nov 2014 19:30

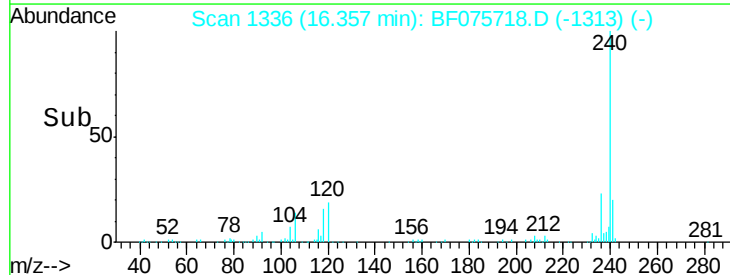
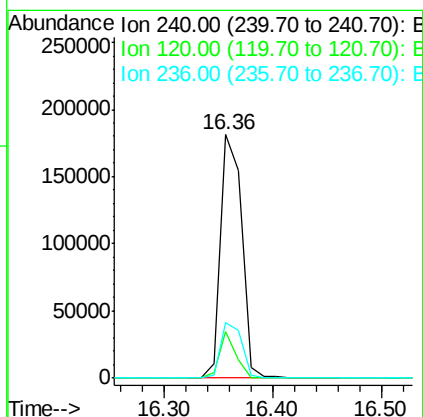
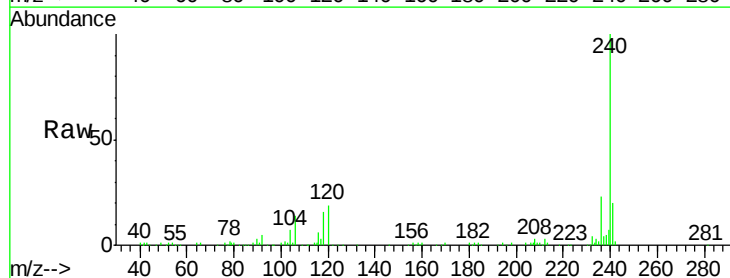
Instrument :
BNA_F
ClientSampleId :

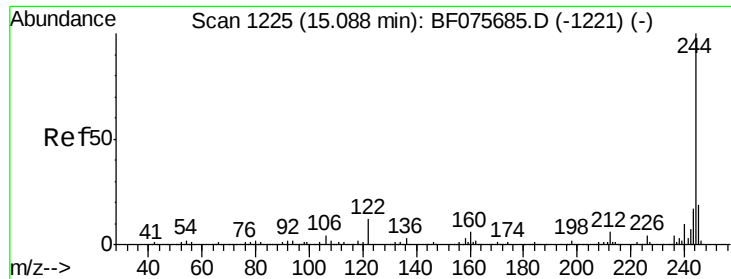
Tot Ion:188 Resp: 227558
Ion Ratio Lower Upper
188 100
94 11.2 7.8 11.6
80 12.5 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.36 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF075718.D
Acq: 20 Nov 2014 19:30

Tgt Ion:240 Resp: 245765
Ion Ratio Lower Upper
240 100
120 19.0 9.6 14.4#
236 22.7 18.9 28.3

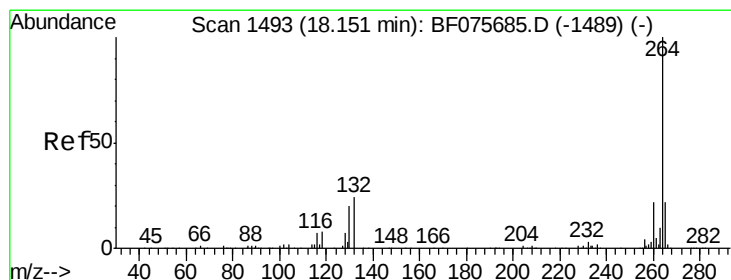
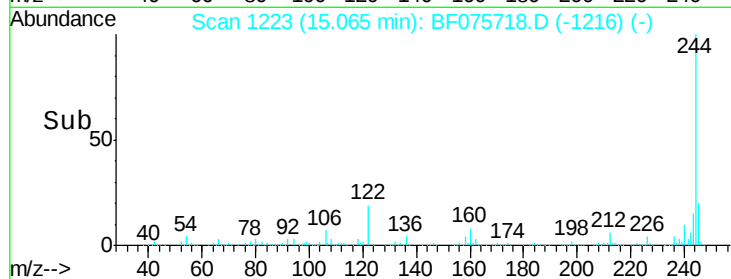
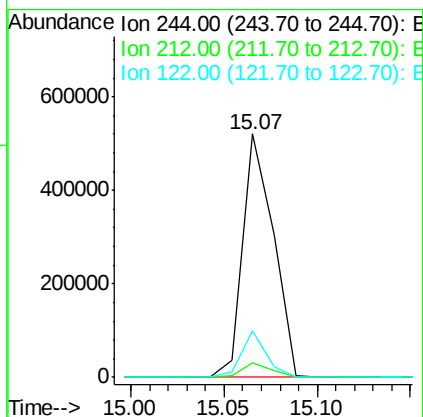
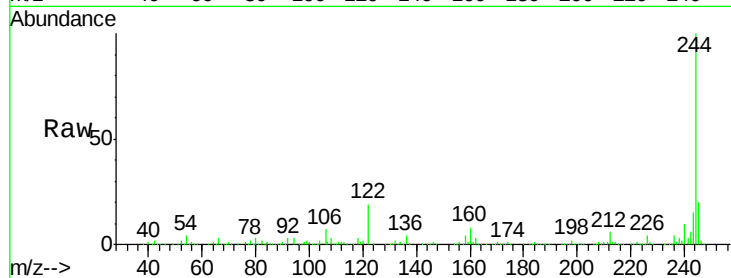




#78
 Terphenyl-d14
 Concen: 60.59 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF075718.D
 Acq: 20 Nov 2014 19:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 595370
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.5 8.3
 122 18.9 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.07 min Scan# 1486
 Delta R.T. -0.09 min
 Lab File: BF075718.D
 Acq: 20 Nov 2014 19:30

Tgt Ion:264 Resp: 243524
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.9 26.9
 265 20.7 16.3 24.5

