

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075500.D
 Acq On : 14 Nov 2014 18:12
 Operator : TP / JJ
 Sample : F4709-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F-COMP

Quant Time: Nov 14 19:35:28 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

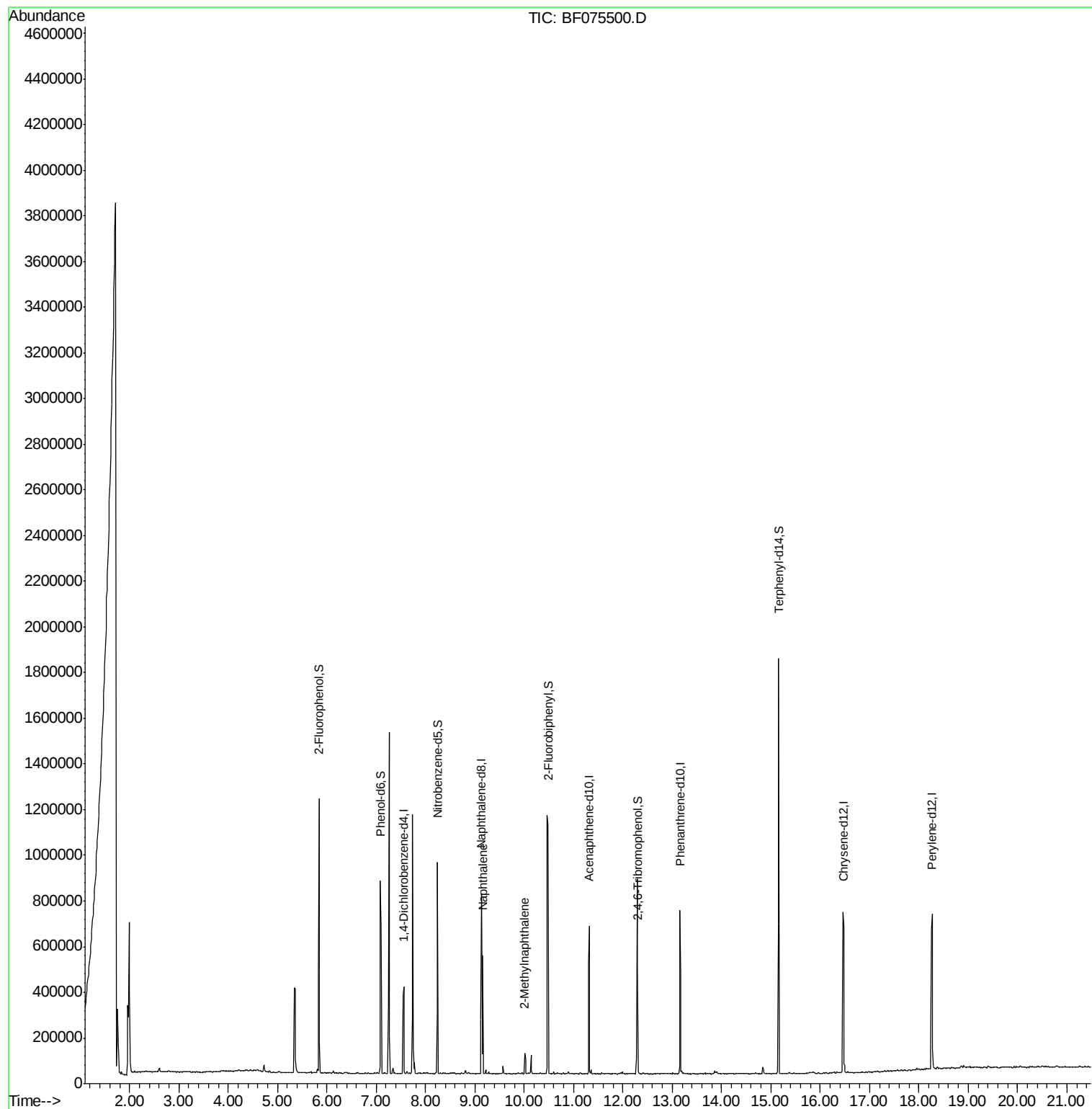
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	84948	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	369326	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	189121	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	326379	20.00	ng	-0.03
75) Chrysene-d12	16.47	240	367971	20.00	ng	-0.07
86) Perylene-d12	18.27	264	384709	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	355957	74.03	ng	-0.02
7) Phenol-d6	7.09	99	383995	66.41	ng	-0.02
23) Nitrobenzene-d5	8.24	82	279863	55.56	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	122535	77.36	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	547303	52.29	ng	-0.01
78) Terphenyl-d14	15.16	244	629794	46.08	ng	-0.03
Target Compounds						
31) Naphthalene	9.16	128	223709	13.59	ng	99
37) 2-Methylnaphthalene	10.01	142	31625	2.82	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075500.D

Acq: 14 Nov 2014 18:12

Instrument :

BNA_F

ClientSampleId :

F-COMP

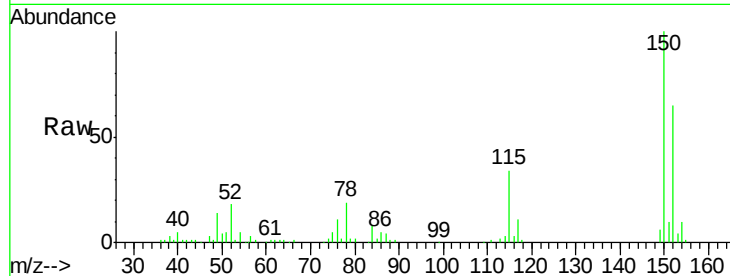
Tot Ion:152 Resp: 84948

Ion Ratio Lower Upper

152 100

150 153.8 127.2 190.8

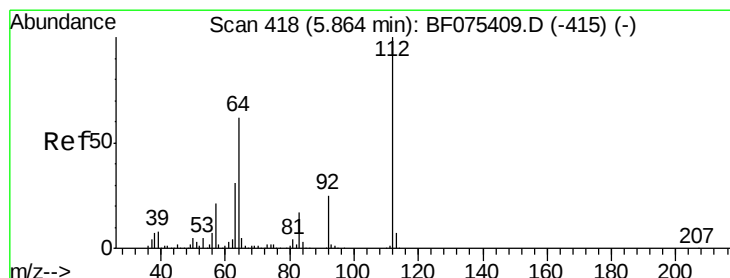
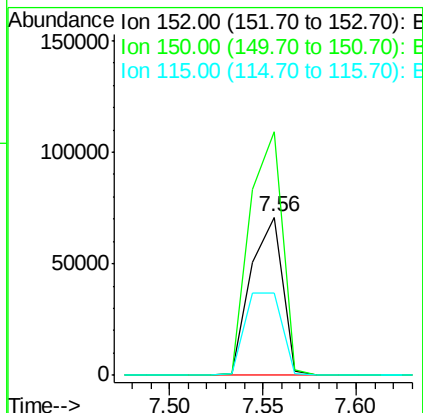
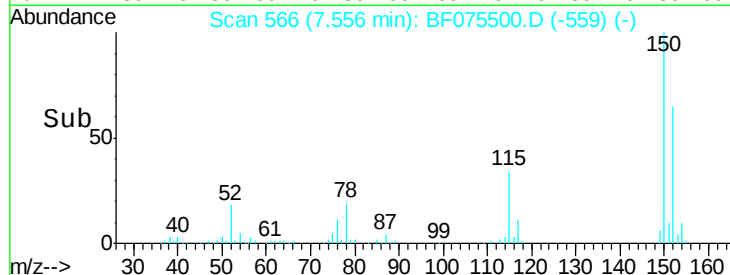
115 51.9 57.1 85.7#



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: 74.03 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075500.D

Acq: 14 Nov 2014 18:12

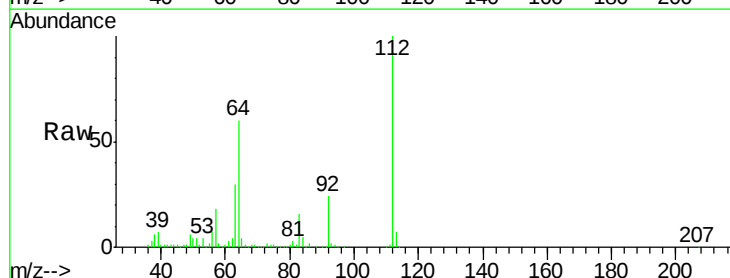
Tgt Ion:112 Resp: 355957

Ion Ratio Lower Upper

112 100

64 59.8 45.8 68.6

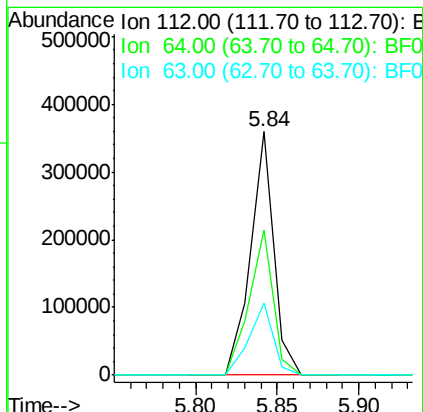
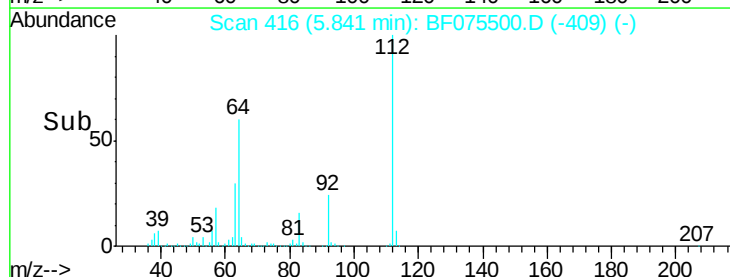
63 29.5 22.7 34.1



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: 66.41 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075500.D

Acq: 14 Nov 2014 18:12

Instrument :

BNA_F

ClientSampleId :

F-COMP

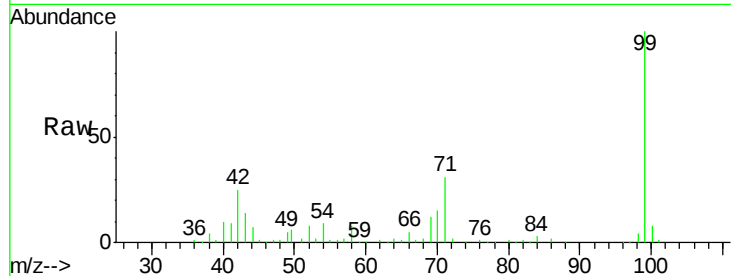
Tot Ion: 99 Resp: 383995

Ion Ratio Lower Upper

99 100

42 25.3 19.8 29.6

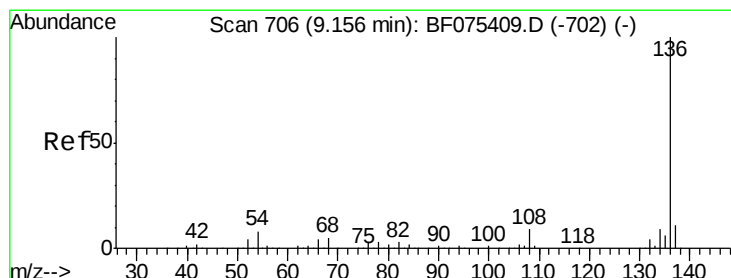
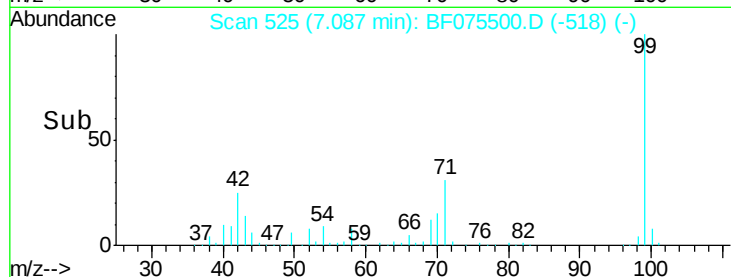
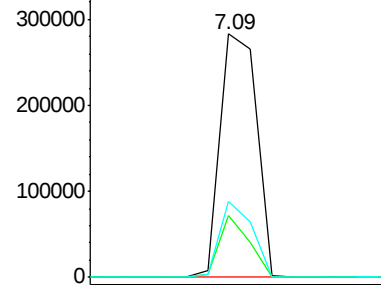
71 31.0 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF075500.D

Acq: 14 Nov 2014 18:12

Tgt Ion: 136 Resp: 369326

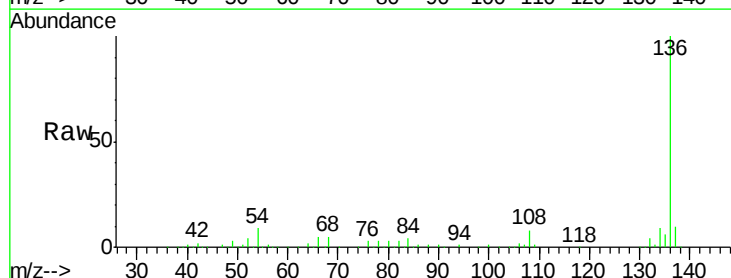
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 8.6 6.2 9.4

68 5.3 3.4 5.2#

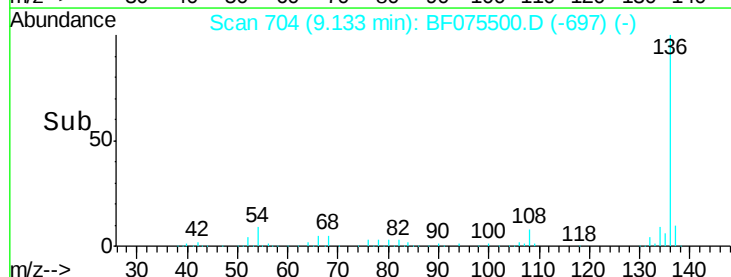
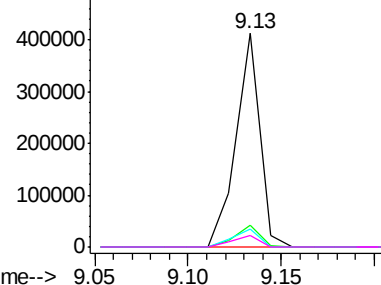


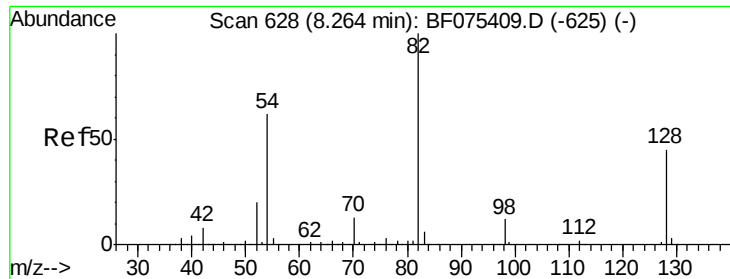
Abundance Ion 136.00 (135.70 to 136.70): E

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

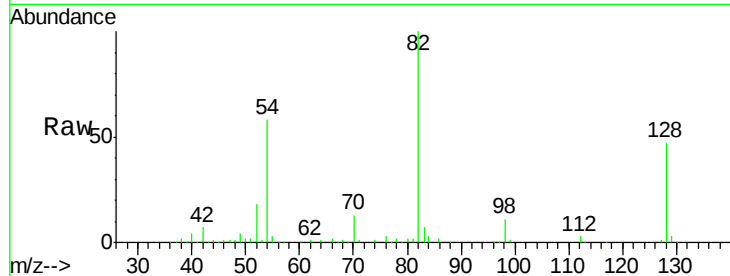




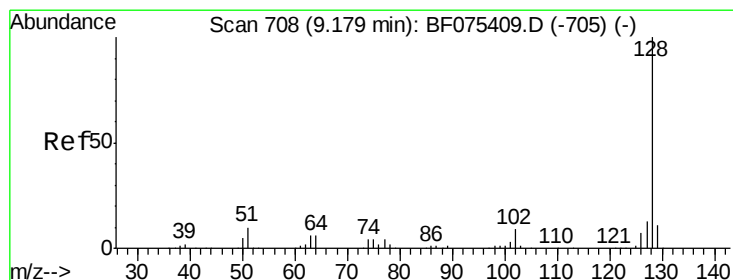
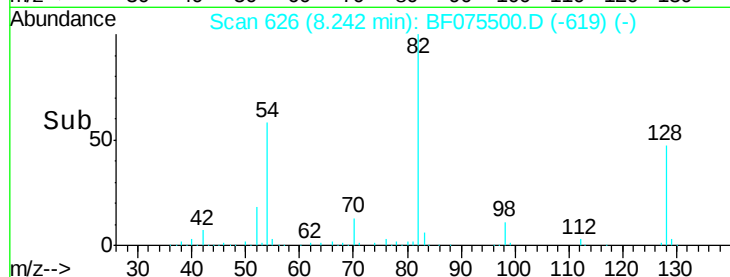
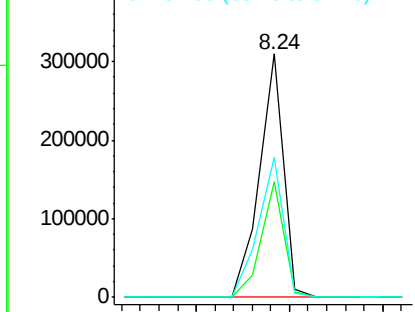
#23
 Nitrobenzene-d5
 Concen: 55.56 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075500.D
 Acq: 14 Nov 2014 18:12

Instrument :
 BNA_F
 ClientSampleId :
 F-COMP

Tot Ion: 82 Resp: 279863
 Ion Ratio Lower Upper
 82 100
 128 47.5 37.8 56.6
 54 57.7 49.8 74.8

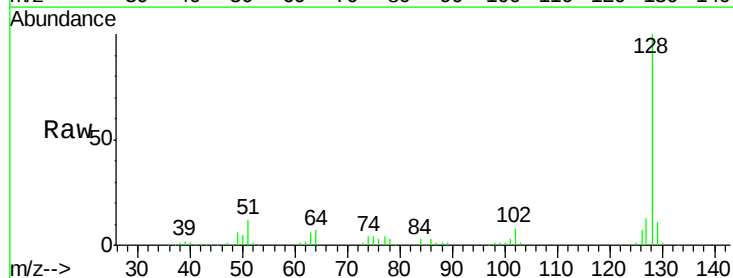


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

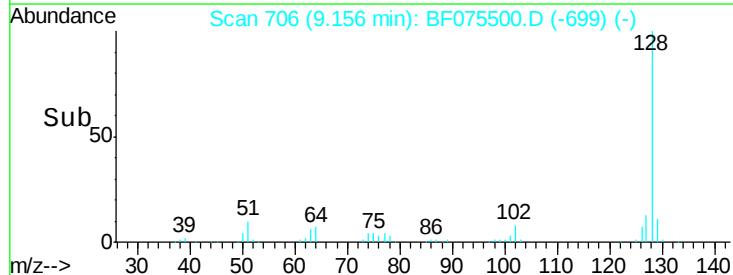
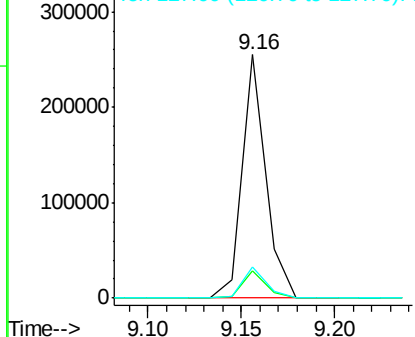


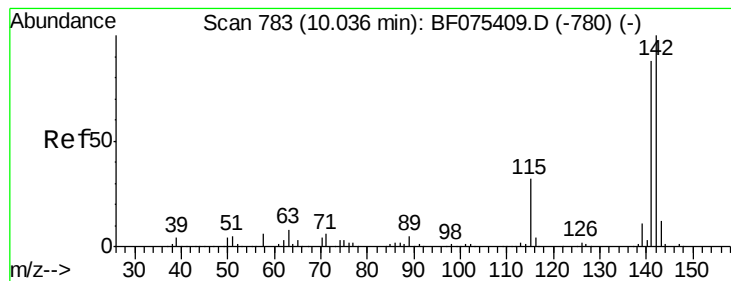
#31
 Naphthalene
 Concen: 13.59 ng
 RT: 9.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF075500.D
 Acq: 14 Nov 2014 18:12

Tgt Ion: 128 Resp: 223709
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.4
 127 12.6 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

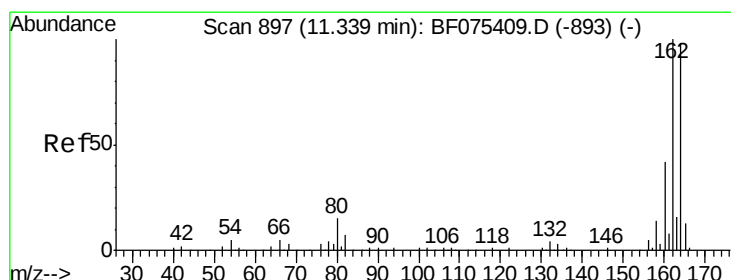
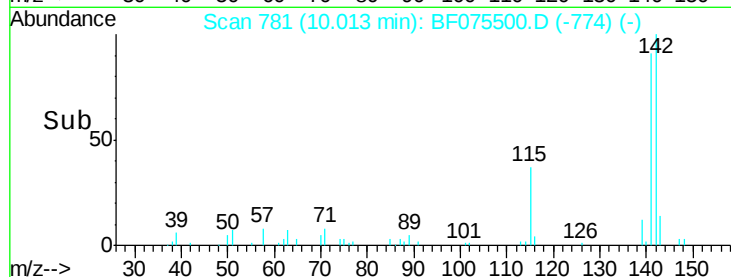
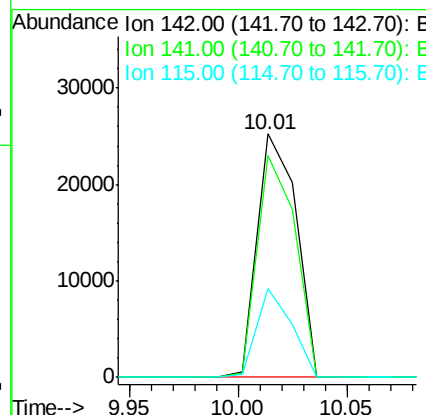
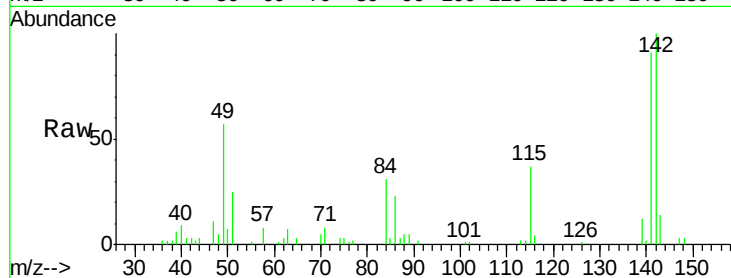




#37
2-Methylnaphthalene
Concen: 2.82 ng
RT: 10.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF075500.D
Acq: 14 Nov 2014 18:12

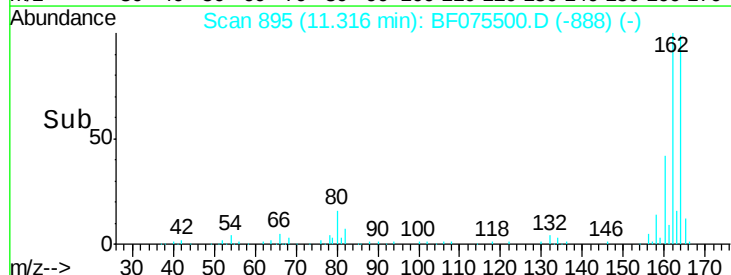
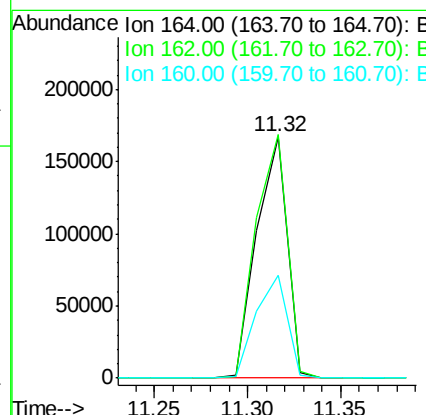
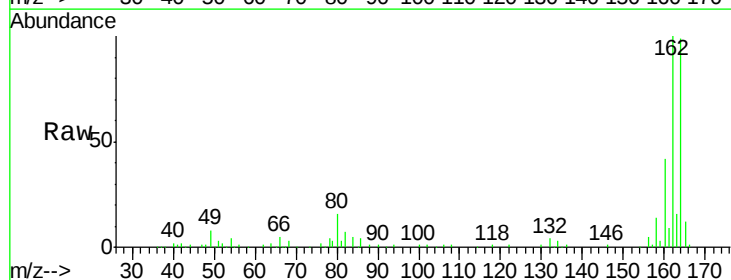
Instrument :
BNA_F
ClientSampleId :
F-COMP

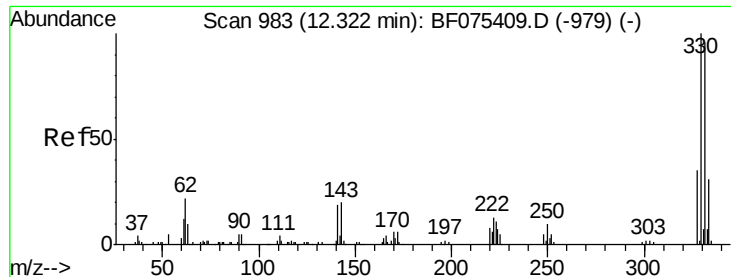
Tot Ion:142 Resp: 31625
Ion Ratio Lower Upper
142 100
141 91.3 69.9 104.9
115 36.5 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075500.D
Acq: 14 Nov 2014 18:12

Tgt Ion:164 Resp: 189121
Ion Ratio Lower Upper
164 100
162 100.8 79.1 118.7
160 42.7 34.6 51.8

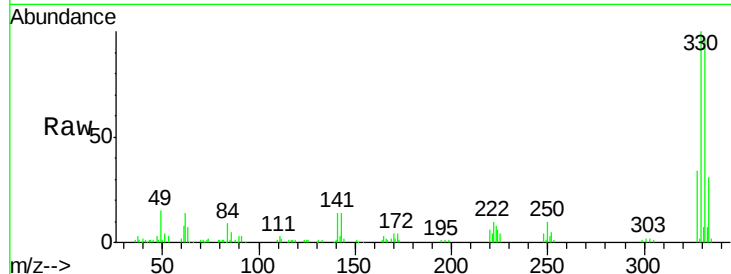




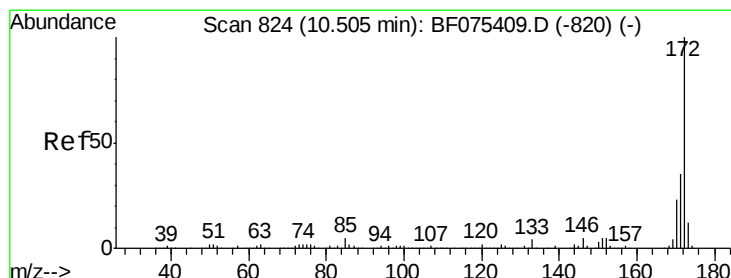
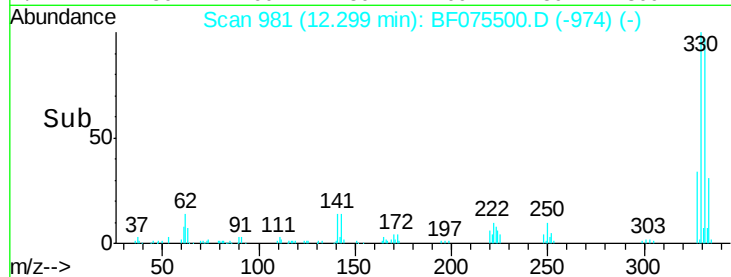
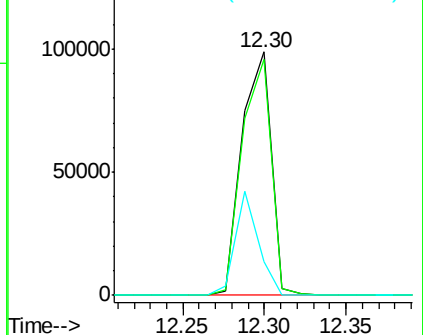
#41
 2,4,6-Tribromophenol
 Concen: 77.36 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF075500.D
 Acq: 14 Nov 2014 18:12

Instrument :
 BNA_F
 ClientSampleId :
 F-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	74.5	111.7
141	33.6	30.7	46.1

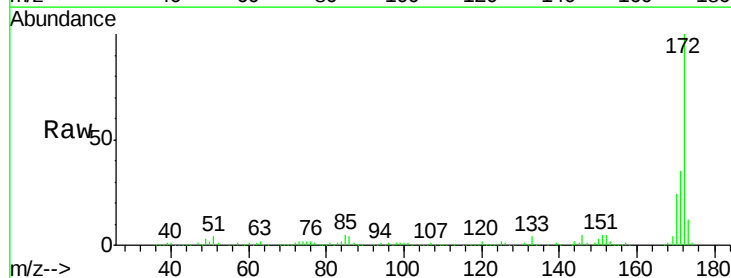


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

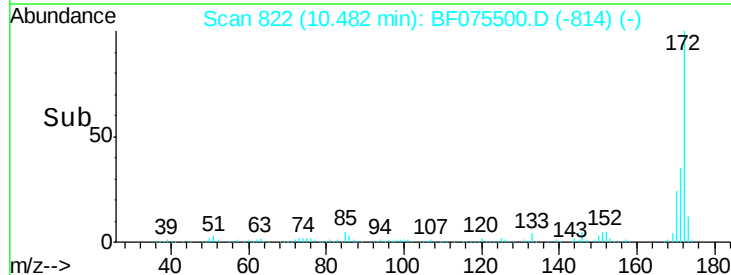
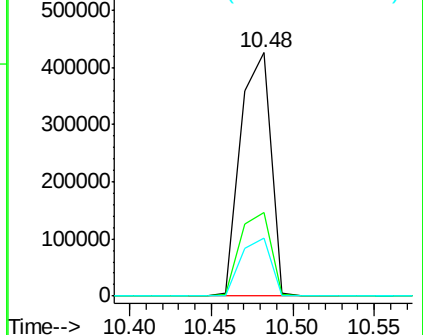


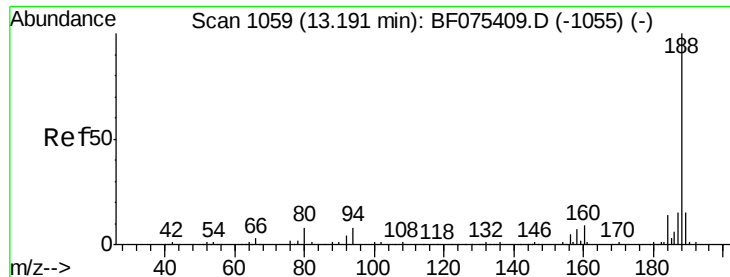
#44
 2-Fluorobiphenyl
 Concen: 52.29 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF075500.D
 Acq: 14 Nov 2014 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.3	40.9
170	23.6	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

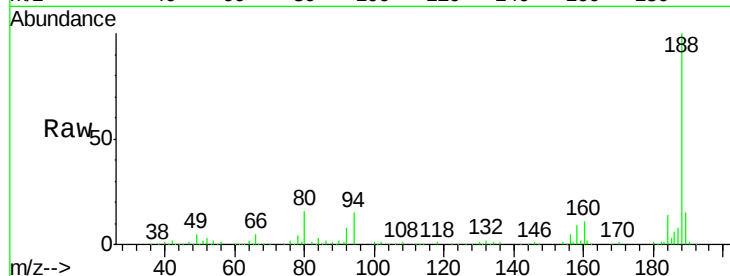




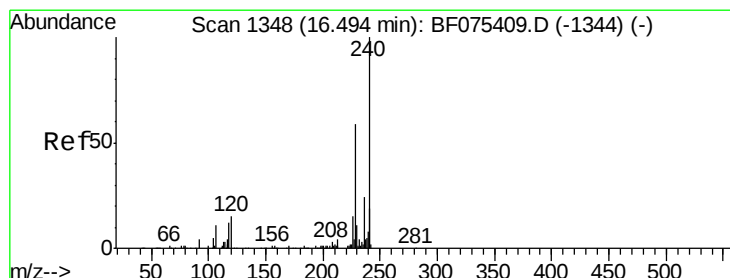
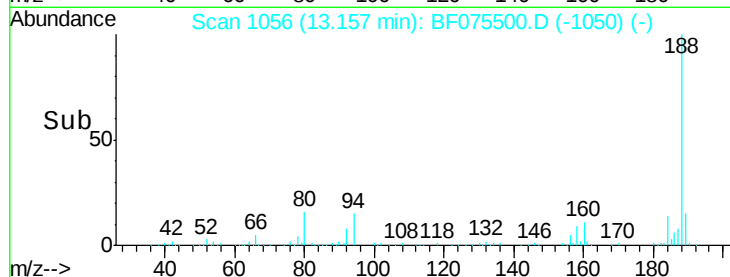
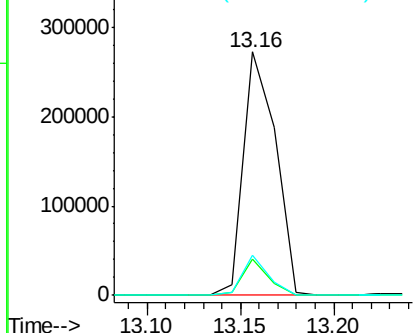
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075500.D
Acq: 14 Nov 2014 18:12

Instrument :
BNA_F
ClientSampleId :
F-COMP

Tot Ion:188 Resp: 326379
Ion Ratio Lower Upper
188 100
94 14.8 7.8 11.6#
80 16.4 8.0 12.0#

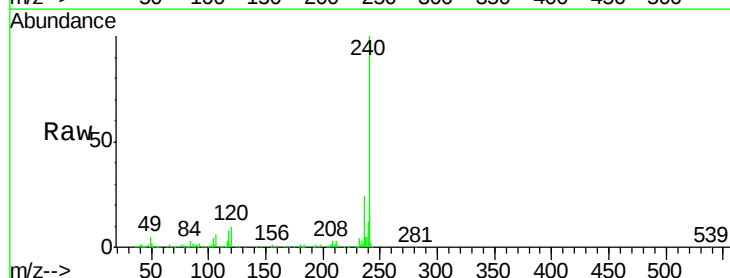


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

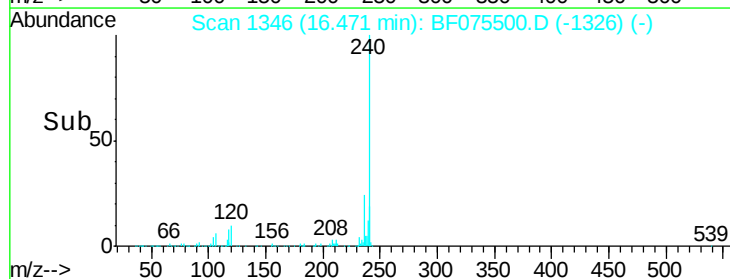
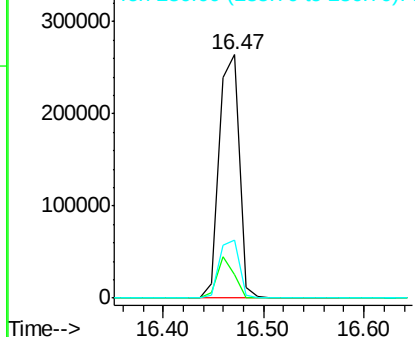


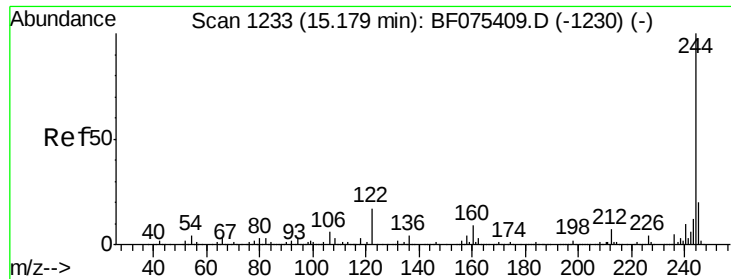
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.47 min Scan# 1346
Delta R.T. -0.07 min
Lab File: BF075500.D
Acq: 14 Nov 2014 18:12

Tgt Ion:240 Resp: 367971
Ion Ratio Lower Upper
240 100
120 9.9 9.6 14.4
236 23.7 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

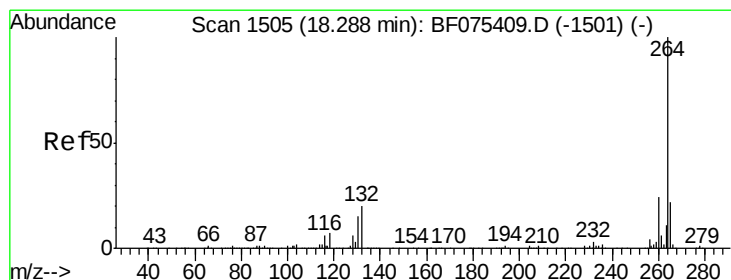
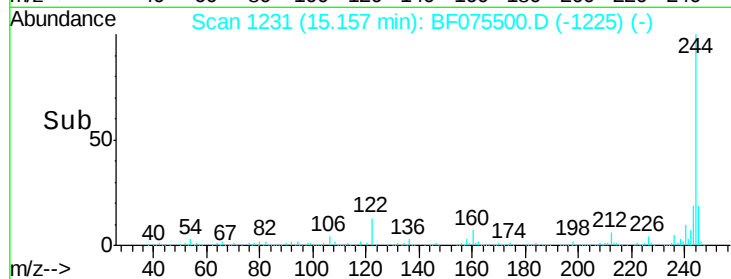
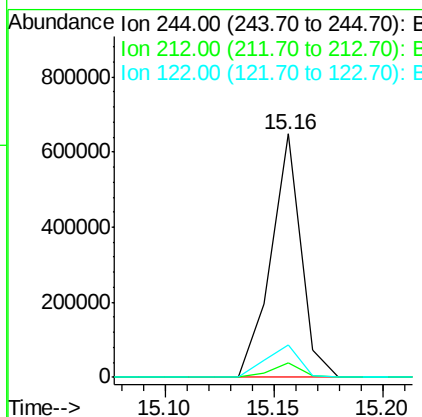
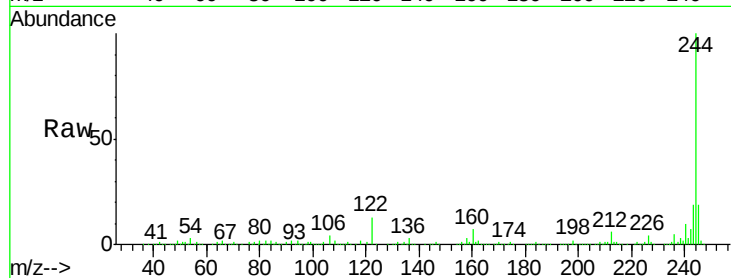




#78
 Terphenyl-d14
 Concen: 46.08 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075500.D
 Acq: 14 Nov 2014 18:12

Instrument :
 BNA_F
 ClientSampleId :
 F-COMP

Tot Ion:244 Resp: 629794
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.5 8.3
 122 13.4 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 1503
 Delta R.T. -0.17 min
 Lab File: BF075500.D
 Acq: 14 Nov 2014 18:12

Tgt Ion:264 Resp: 384709
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.9 26.9
 265 20.7 16.3 24.5

