

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075505.D
 Acq On : 14 Nov 2014 20:34
 Operator : TP / JJ
 Sample : PB80189BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BL

Quant Time: Nov 14 23:25:09 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	49629	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	215500	20.00	ng	-0.02
38) Acenaphthene-d10	11.30	164	107633	20.00	ng	-0.03
63) Phenanthrene-d10	13.16	188	180122	20.00	ng	-0.03
75) Chrysene-d12	16.45	240	187857	20.00	ng	-0.09
86) Perylene-d12	18.20	264	192317	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	238802	85.00	ng	-0.02
7) Phenol-d6	7.09	99	285867	84.62	ng	-0.02
23) Nitrobenzene-d5	8.24	82	263419	89.62	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	66320	73.57	ng	-0.03
44) 2-Fluorobiphenyl	10.47	172	509524	85.54	ng	-0.02
78) Terphenyl-d14	0.00	244	0	0.00	ng	

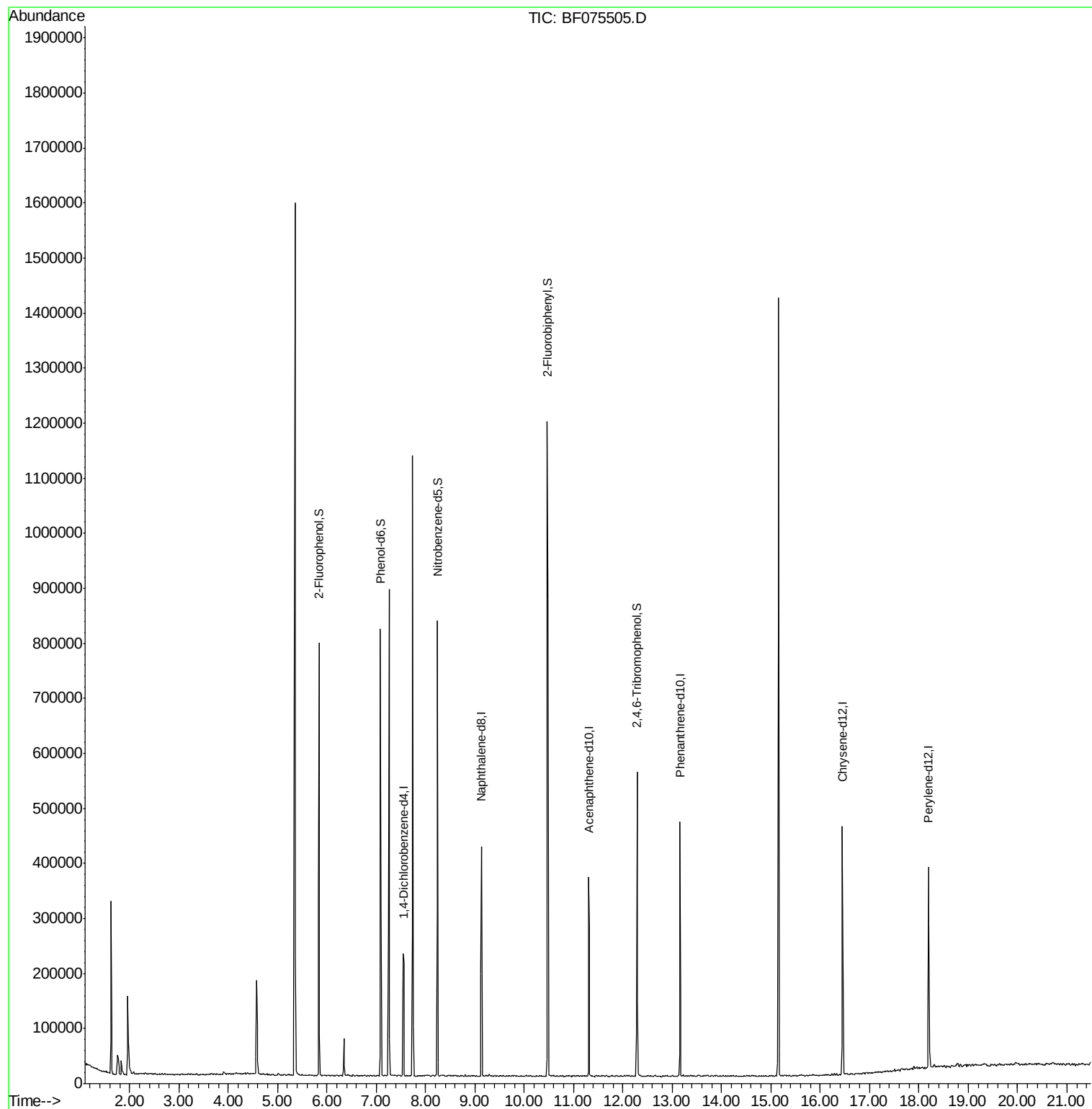
Target Compounds Qvalue

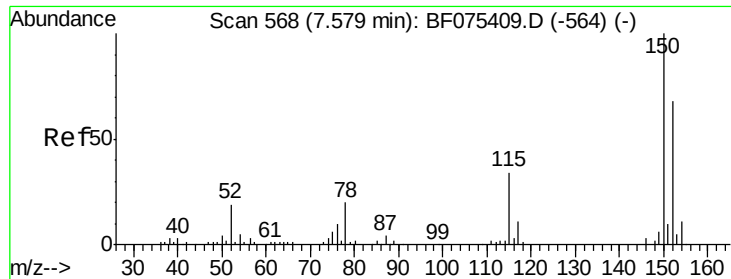
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075505.D

Acq: 14 Nov 2014 20:34

Instrument :

BNA_F

ClientSampleId :

PB80189BL

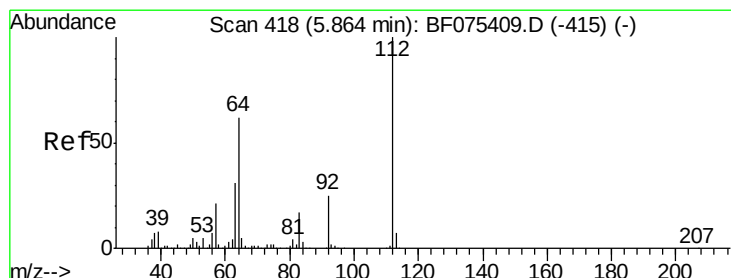
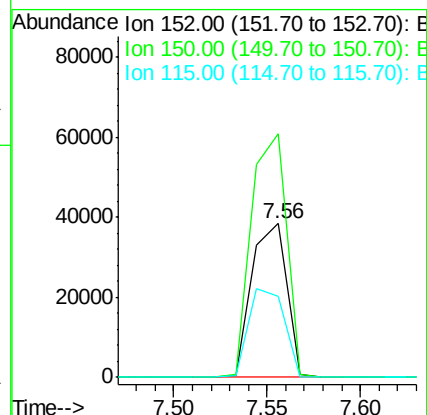
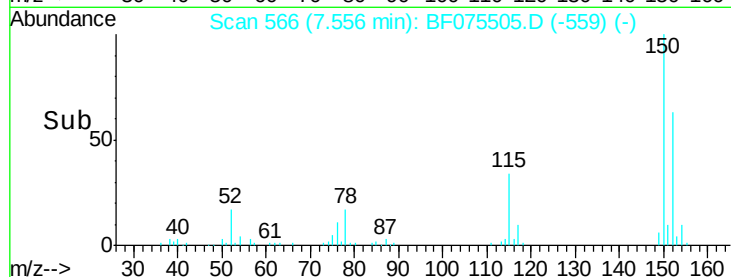
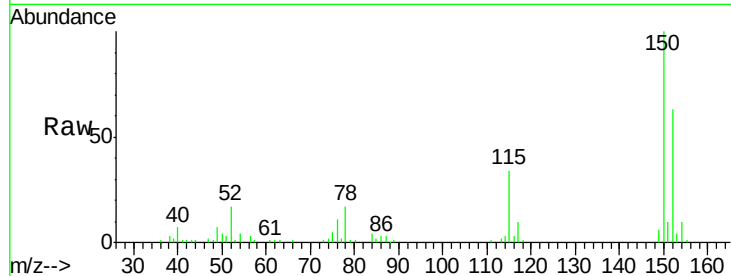
Tgt Ion:152 Resp: 49629

Ion Ratio Lower Upper

152 100

150 158.3 127.2 190.8

115 53.1 57.1 85.7#



#5

2-Fluorophenol

Concen: 85.00 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075505.D

Acq: 14 Nov 2014 20:34

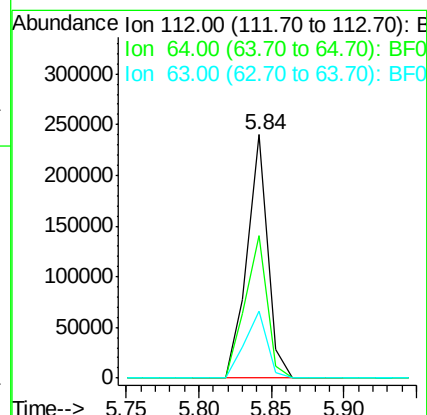
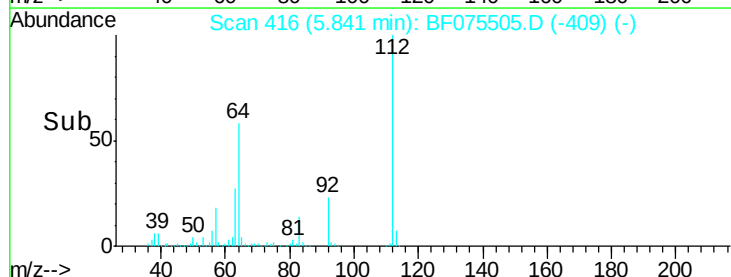
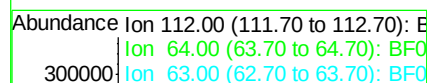
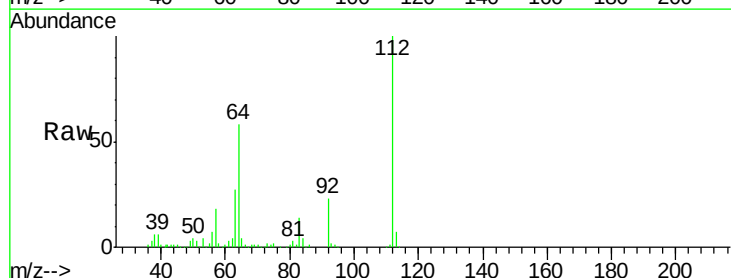
Tgt Ion:112 Resp: 238802

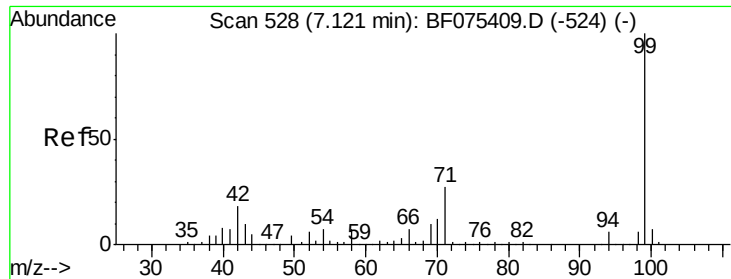
Ion Ratio Lower Upper

112 100

64 58.4 45.8 68.6

63 27.4 22.7 34.1





#7

Phenol-d6

Concen: 84.62 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075505.D

Acq: 14 Nov 2014 20:34

Instrument :

BNA_F

ClientSampleId :

PB80189BL

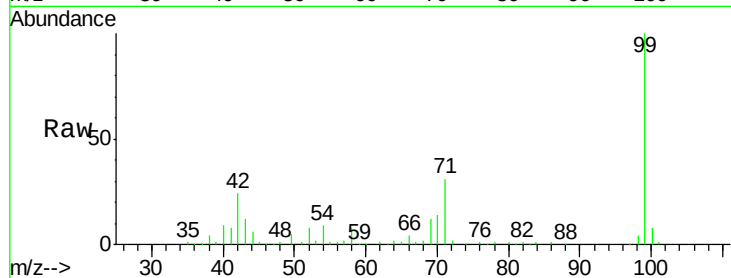
Tgt Ion: 99 Resp: 285867

Ion Ratio Lower Upper

99 100

42 23.9 19.8 29.6

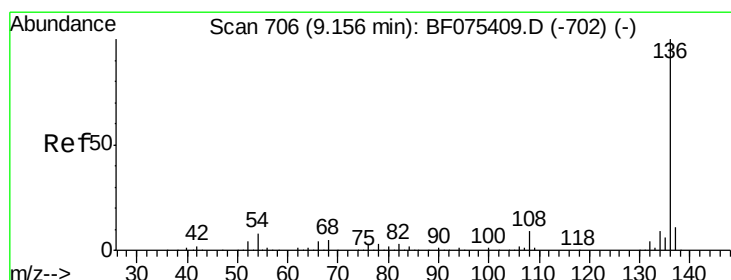
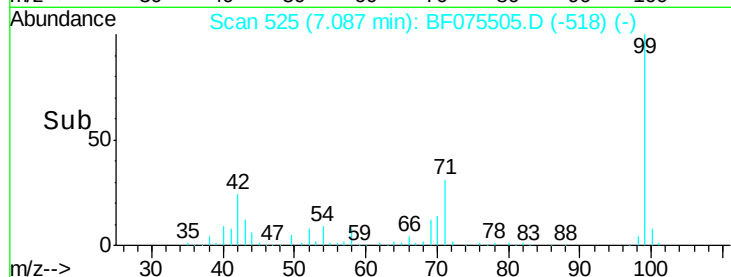
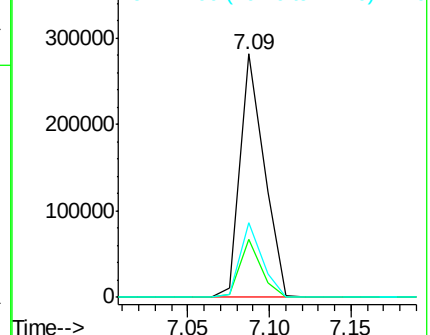
71 30.5 25.5 38.3



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: BF075505.D

Acq: 14 Nov 2014 20:34

Tgt Ion: 136 Resp: 215500

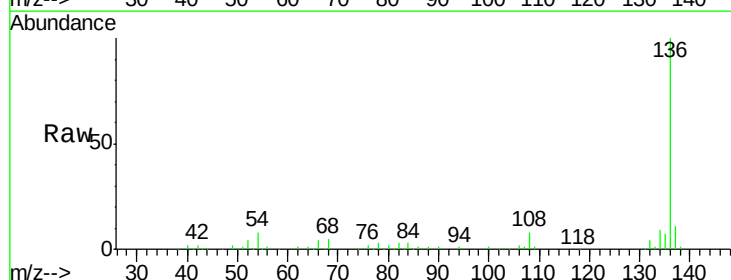
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 7.9 6.2 9.4

68 5.2 3.4 5.2#

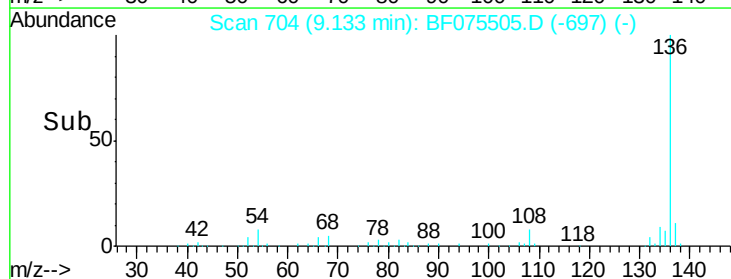
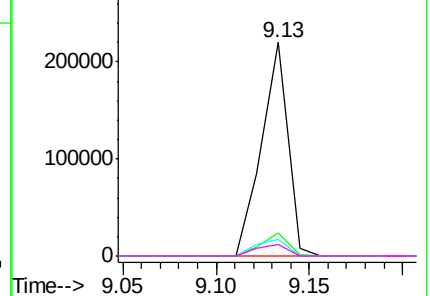


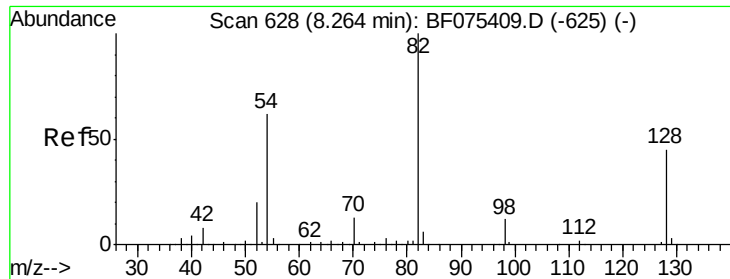
Abundance Ion 136.00 (135.70 to 136.70): E

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

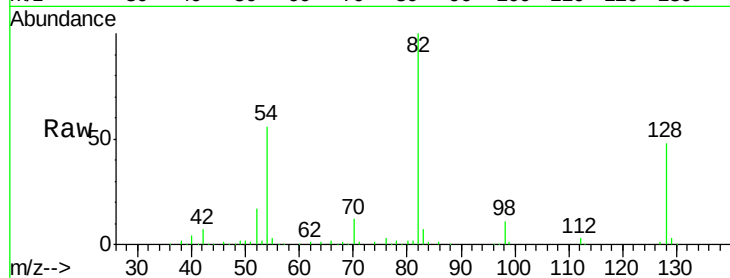




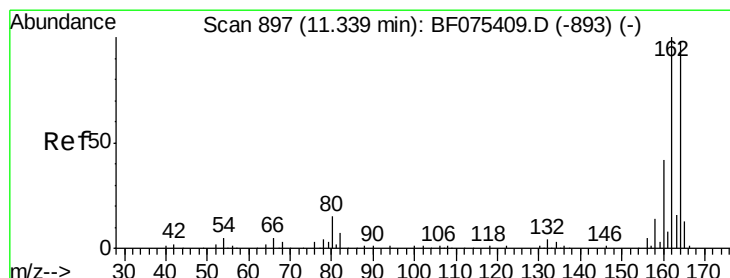
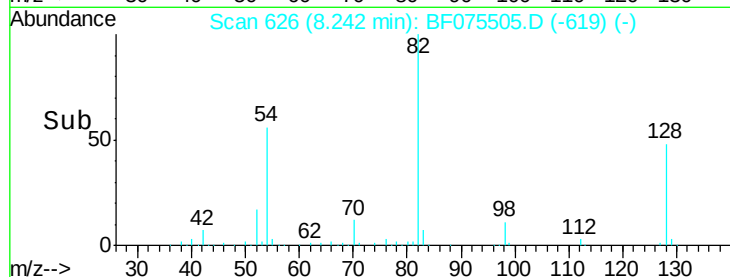
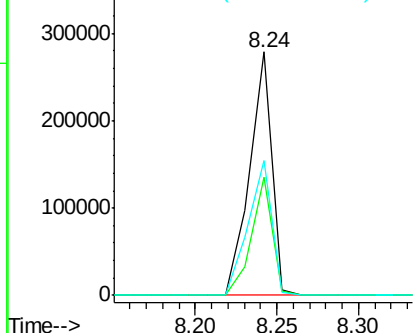
#23
 Nitrobenzene-d5
 Concen: 89.62 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075505.D
 Acq: 14 Nov 2014 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BL

Tgt Ion: 82 Resp: 263419
 Ion Ratio Lower Upper
 82 100
 128 48.4 37.8 56.6
 54 55.6 49.8 74.8

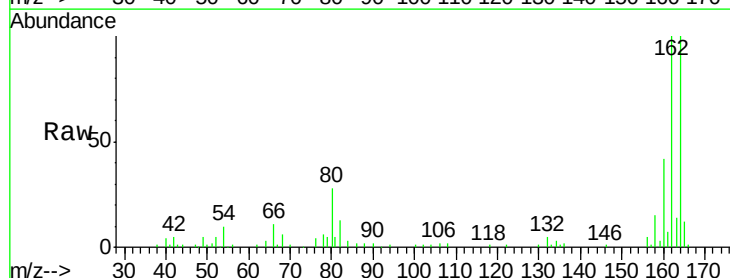


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

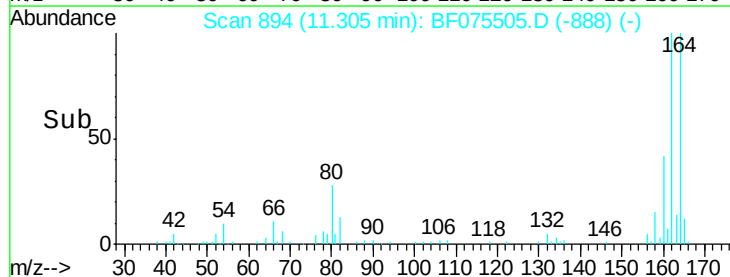
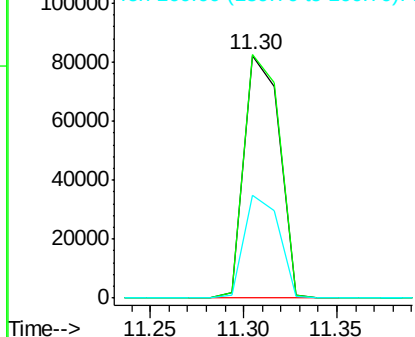


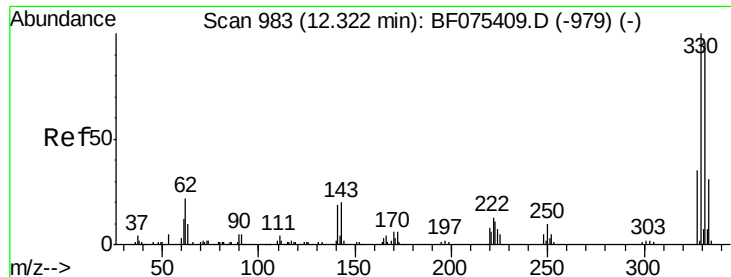
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 894
 Delta R.T. -0.03 min
 Lab File: BF075505.D
 Acq: 14 Nov 2014 20:34

Tgt Ion: 164 Resp: 107633
 Ion Ratio Lower Upper
 164 100
 162 100.2 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

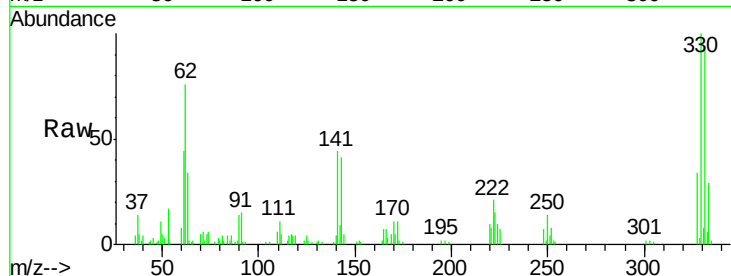




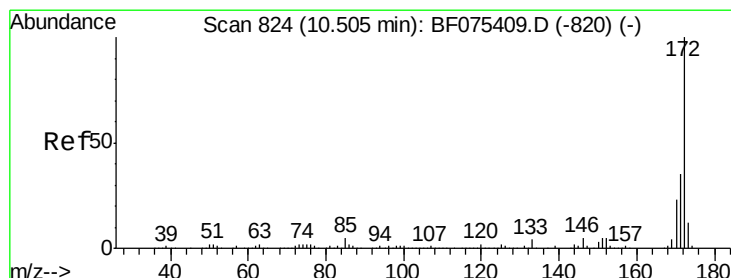
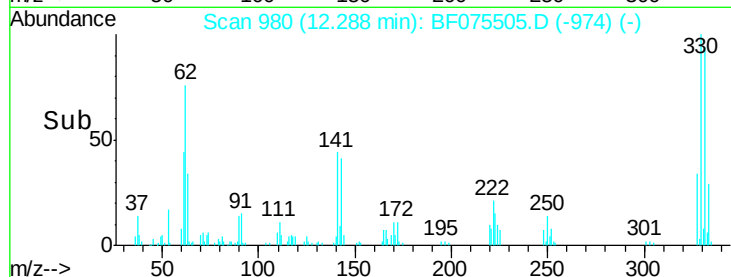
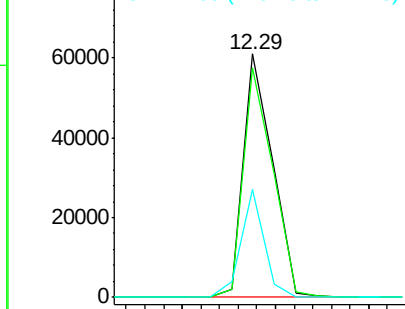
#41
 2,4,6-Tribromophenol
 Concen: 73.57 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075505.D
 Acq: 14 Nov 2014 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BL

Tgt Ion:330 Resp: 66320
 Ion Ratio Lower Upper
 330 100
 332 95.5 74.5 111.7
 141 35.7 30.7 46.1

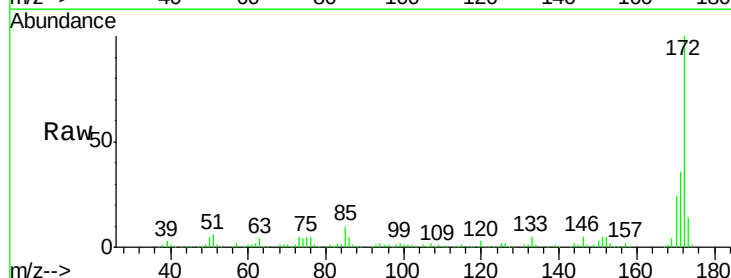


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

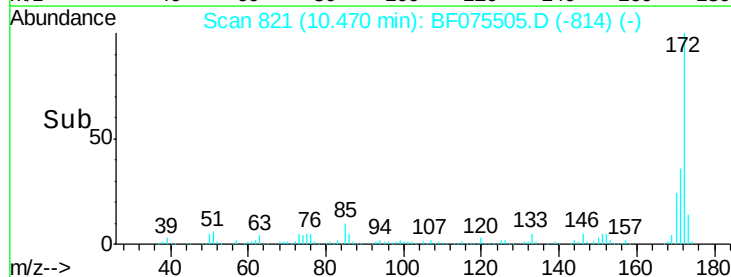
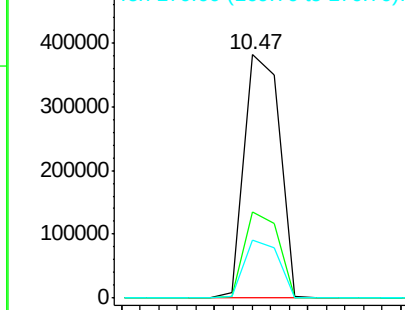


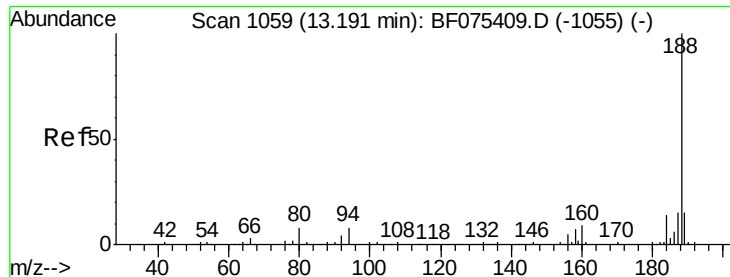
#44
 2-Fluorobiphenyl
 Concen: 85.54 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF075505.D
 Acq: 14 Nov 2014 20:34

Tgt Ion:172 Resp: 509524
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.3 40.9
 170 23.7 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

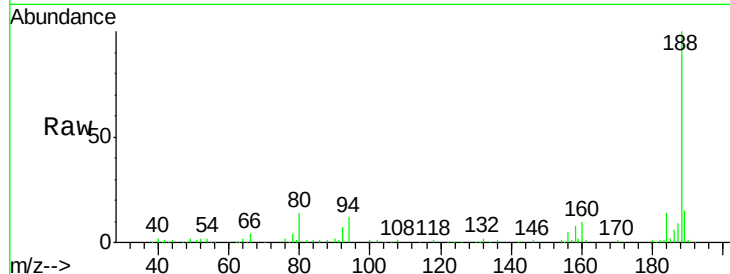




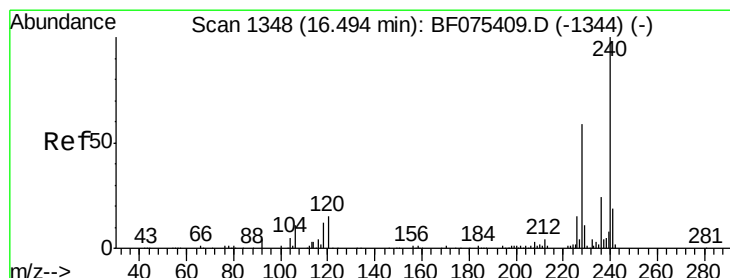
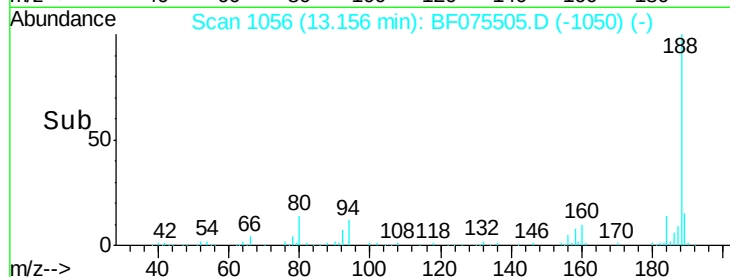
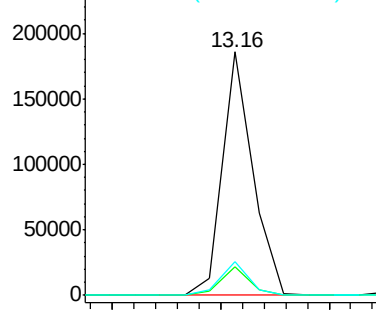
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075505.D
Acq: 14 Nov 2014 20:34

Instrument :
BNA_F
ClientSampleId :
PB80189BL

Tgt Ion:188 Resp: 180122
Ion Ratio Lower Upper
188 100
94 11.8 7.8 11.6#
80 13.7 8.0 12.0#

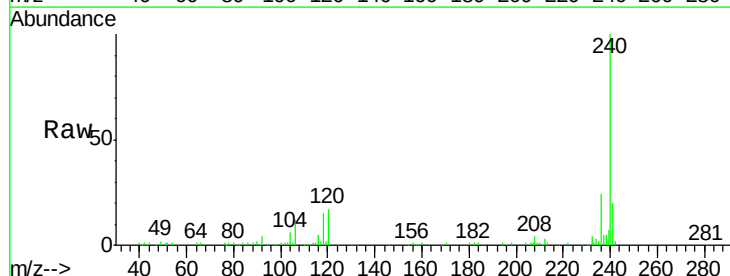


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

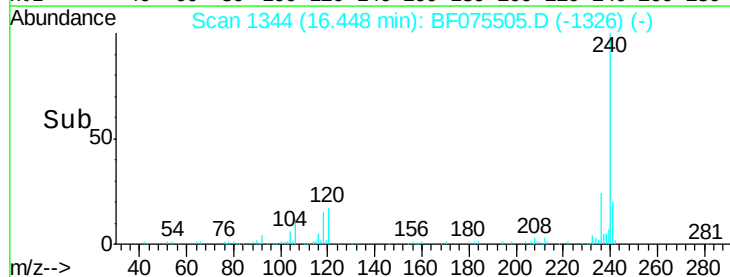
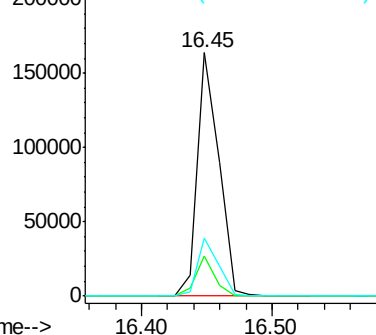


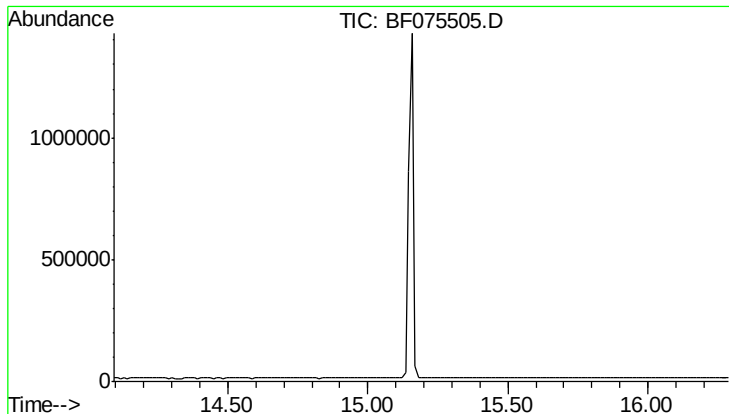
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.09 min
Lab File: BF075505.D
Acq: 14 Nov 2014 20:34

Tgt Ion:240 Resp: 187857
Ion Ratio Lower Upper
240 100
120 16.6 9.6 14.4#
236 24.0 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: 0.00 ng

Expected RT: 15.19 min

Lab File: BF075505.D

Acq: 14 Nov 2014 20:34

Instrument :

BNA_F

ClientSampleId :

PB80189BL

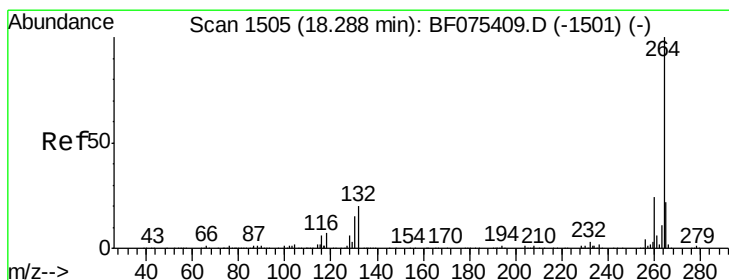
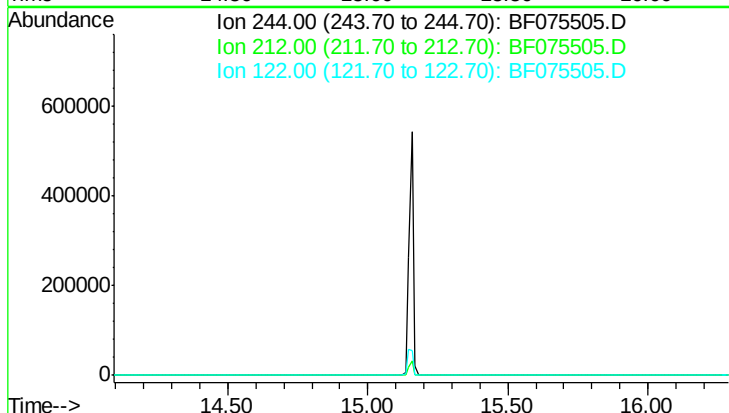
Tgt Ion: 244

Sig Exp Ratio

244 100

212 6.9

122 12.1



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.20 min Scan# 1497

Delta R.T. -0.24 min

Lab File: BF075505.D

Acq: 14 Nov 2014 20:34

Tgt Ion: 264 Resp: 192317

Ion Ratio Lower Upper

264 100

260 22.2 17.9 26.9

265 20.9 16.3 24.5

