

Data Path : Z:\HPCHEM1\BNA F\Data\BF020915\
 Data File : BF077229.D
 Acq On : 9 Feb 2015 17:48
 Operator : TP/IZ
 Sample : G1212-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 10 01:06:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 00:55:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	38989	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	166641	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	94534	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	157589	20.00	ng	-0.01
75) Chrysene-d12	21.01	240	151424	20.00	ng	0.00
86) Perylene-d12	22.64	264	128094	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.60	112	190665	80.40	ng	0.00
7) Phenol-d6	7.00	99	242375	81.02	ng	-0.01
23) Nitrobenzene-d5	8.90	82	145281	48.30	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	53909	70.25	ng	0.00
44) 2-Fluorobiphenyl	13.15	172	281033	45.24	ng	-0.01
78) Terphenyl-d14	19.75	244	296830	45.13	ng	-0.01

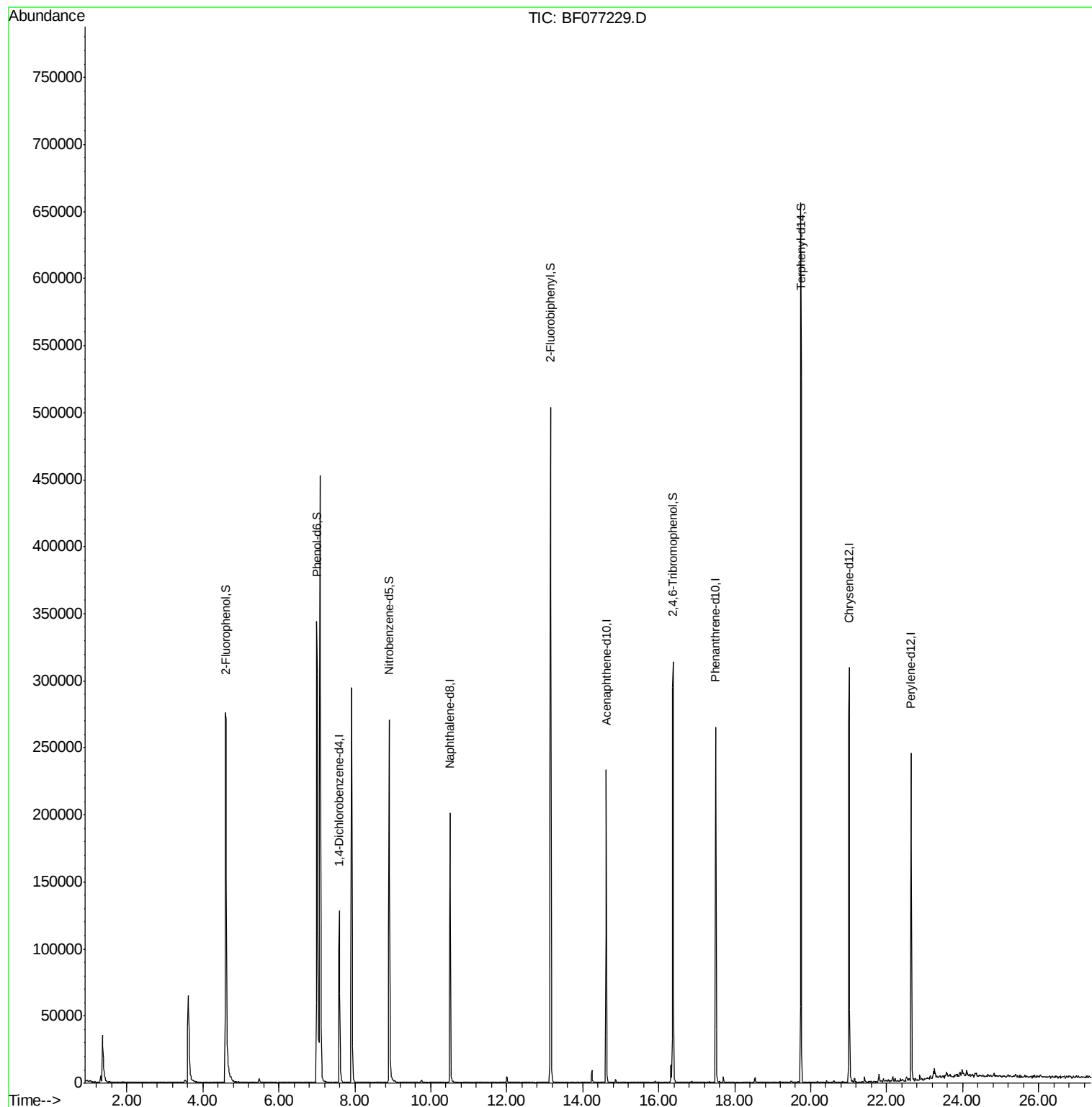
Target Compounds Qvalue

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

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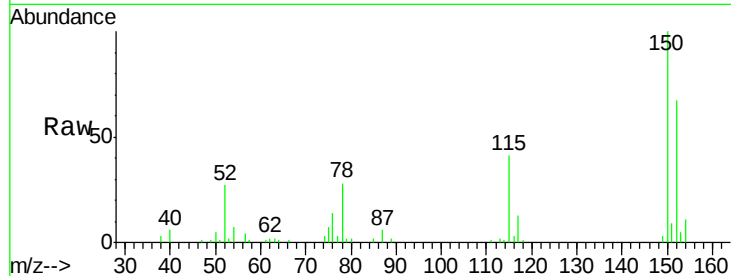


#1

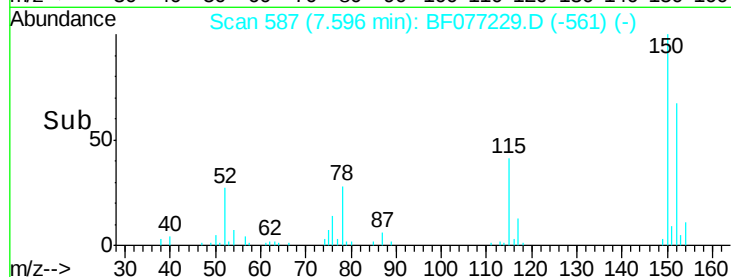
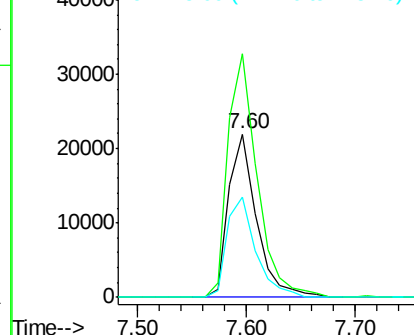
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF077229.D
Acq: 9 Feb 2015 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 38989
Ion Ratio Lower Upper
152 100
150 149.3 121.7 182.5
115 61.8 47.0 70.6



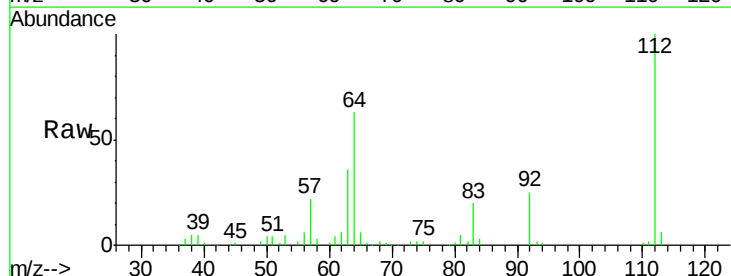
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



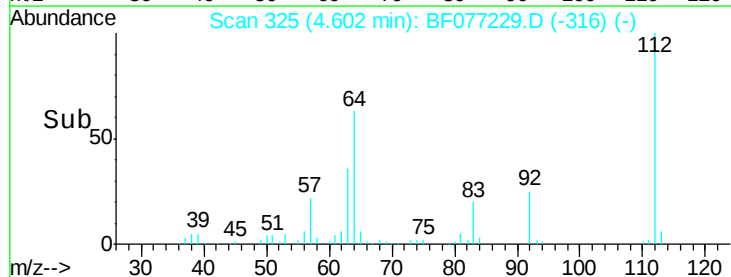
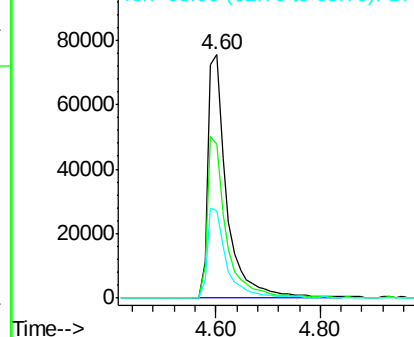
#5

2-Fluorophenol
Concen: 80.40 ng
RT: 4.60 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF077229.D
Acq: 9 Feb 2015 17:48

Tgt Ion:112 Resp: 190665
Ion Ratio Lower Upper
112 100
64 63.0 54.2 81.4
63 35.8 28.4 42.6



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: 81.02 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF077229.D

Acq: 9 Feb 2015 17:48

Instrument :

BNA_F

ClientSampleId :

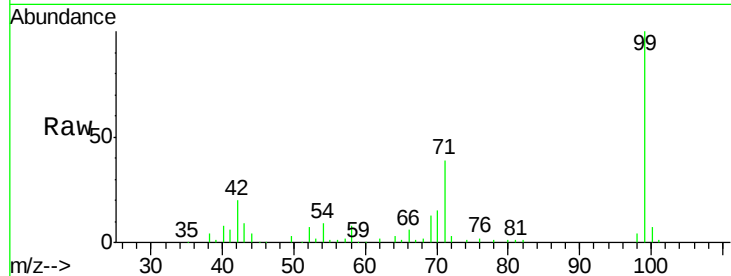
Tot Ion: 99 Resp: 242375

Ion Ratio Lower Upper

99 100

42 19.7 15.0 22.4

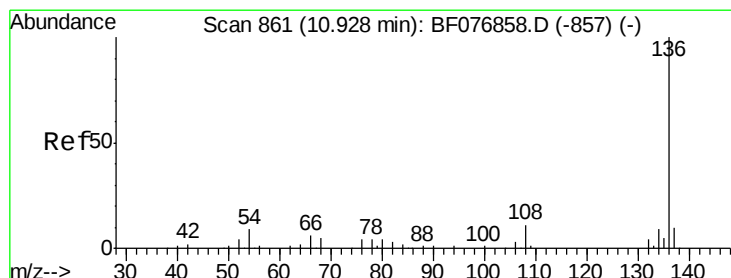
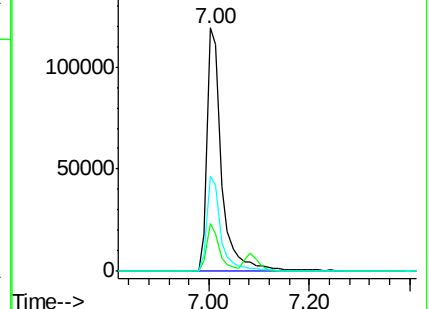
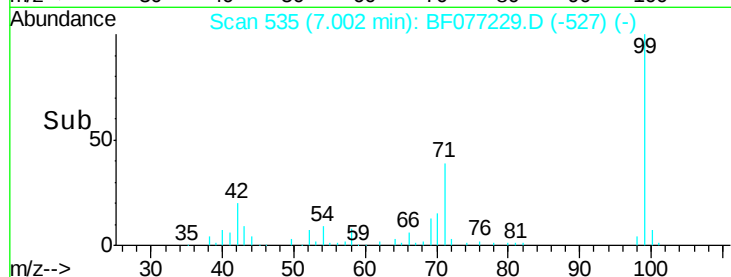
71 39.2 30.5 45.7



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: 10.50 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF077229.D

Acq: 9 Feb 2015 17:48

Tgt Ion: 136 Resp: 166641

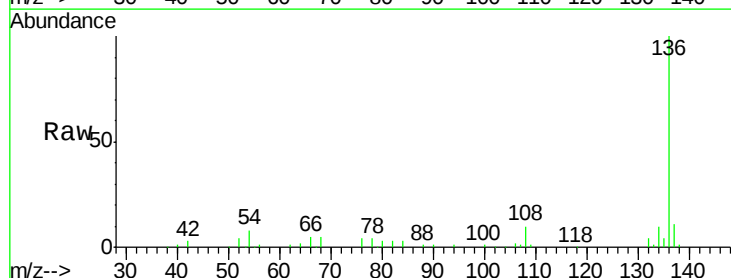
Ion Ratio Lower Upper

136 100

137 11.2 8.1 12.1

54 8.4 7.0 10.4

68 4.6 3.7 5.5

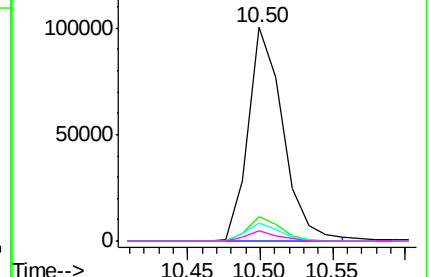
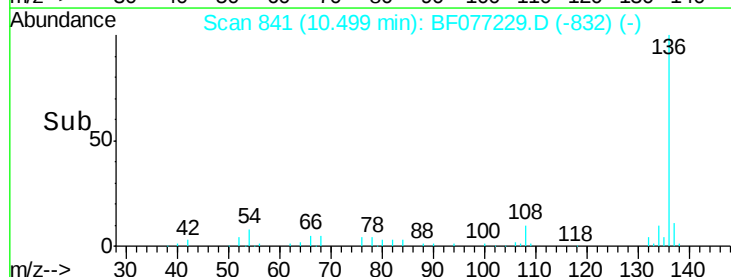


Abundance Ion 136.00 (135.70 to 136.70): E

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

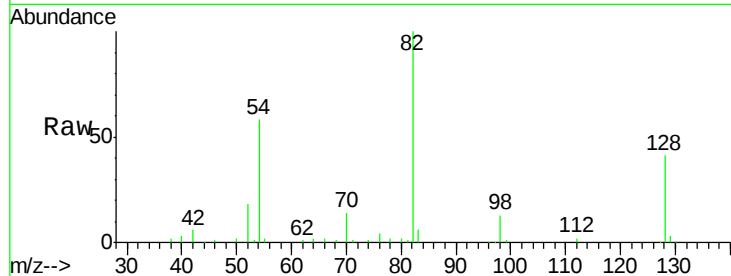




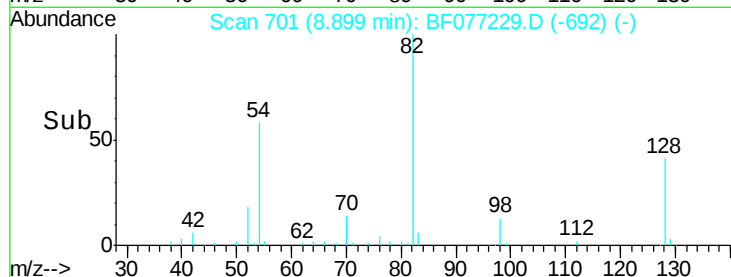
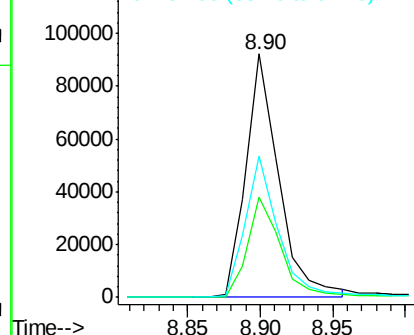
#23
 Nitrobenzene-d5
 Concen: 48.30 ng
 RT: 8.90 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF077229.D
 Acq: 9 Feb 2015 17:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	145281
Ion Ratio	100	Lower	Upper
128	41.0	33.1	49.7
54	58.3	48.3	72.5

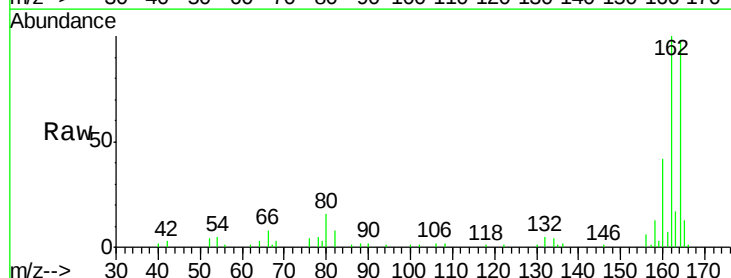


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

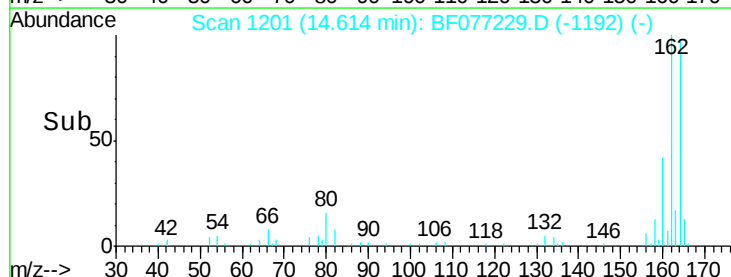
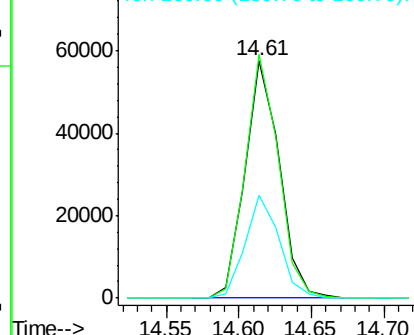


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF077229.D
 Acq: 9 Feb 2015 17:48

Tgt Ion	164	Resp	94534
Ion Ratio	100	Lower	Upper
162	102.5	82.4	123.6
160	43.1	34.8	52.2



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: 70.25 ng

RT: 16.37 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF077229.D

Acq: 9 Feb 2015 17:48

Instrument :

BNA_F

ClientSampleId :

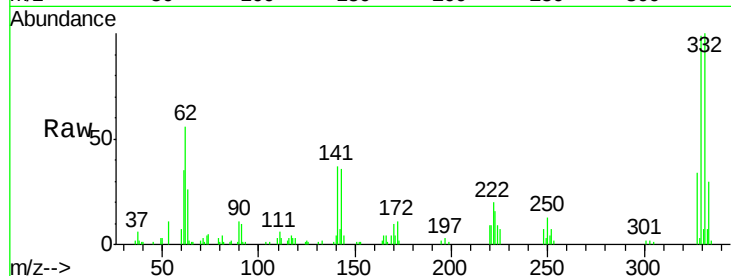
Tot Ion:330 Resp: 53909

Ion Ratio Lower Upper

330 100

332 98.0 77.8 116.6

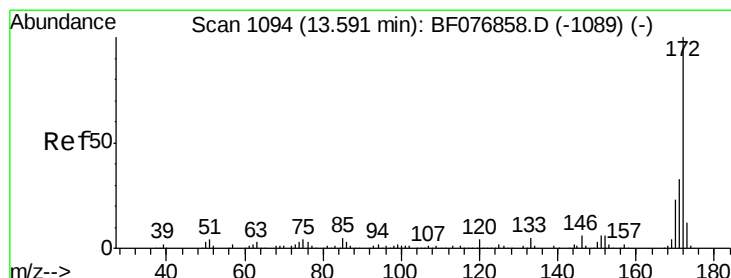
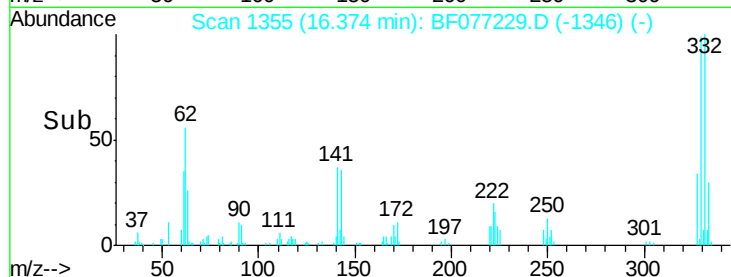
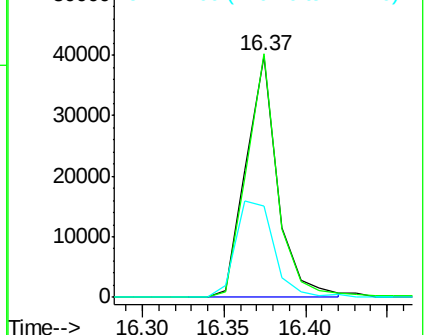
141 48.6 38.5 57.7



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: 45.24 ng

RT: 13.15 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF077229.D

Acq: 9 Feb 2015 17:48

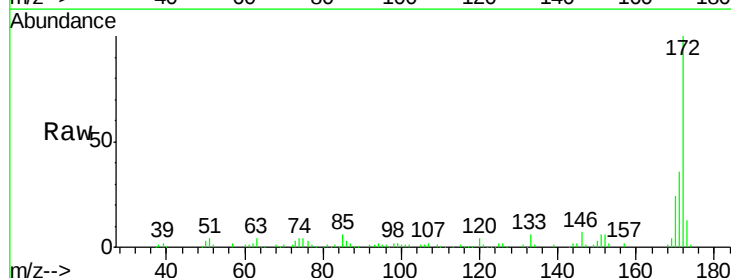
Tgt Ion:172 Resp: 281033

Ion Ratio Lower Upper

172 100

171 35.6 26.6 40.0

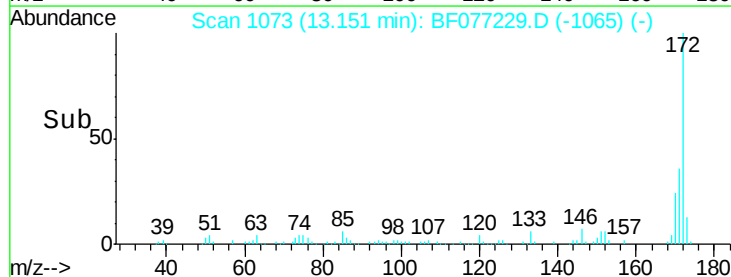
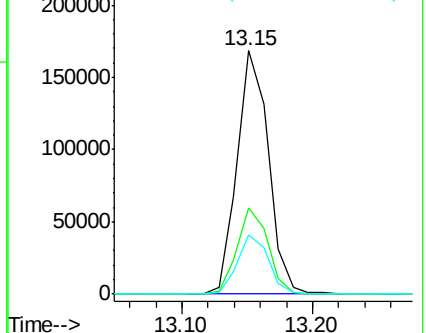
170 24.3 18.0 27.0



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

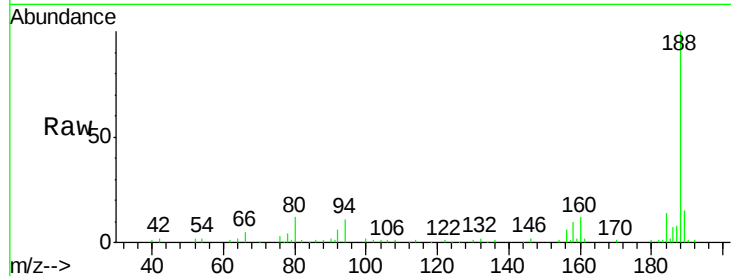




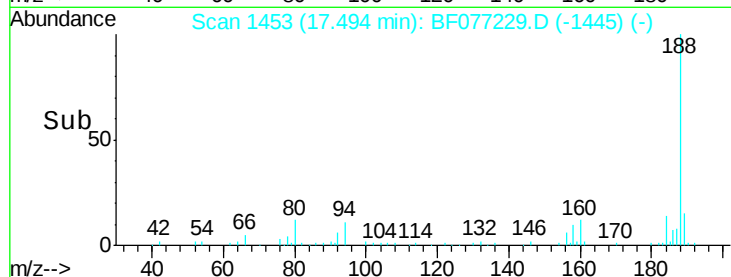
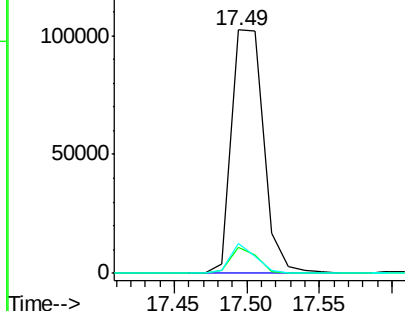
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF077229.D
Acq: 9 Feb 2015 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 157589
Ion Ratio Lower Upper
188 100
94 10.7 6.0 9.0#
80 12.3 6.9 10.3#

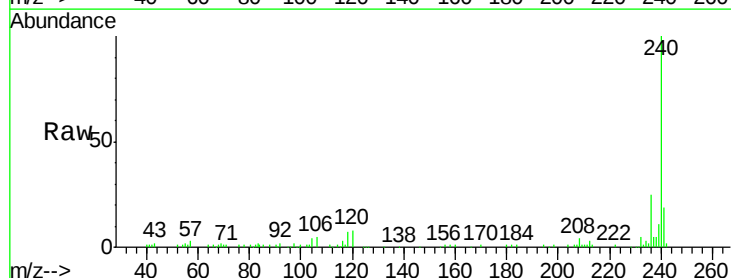


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

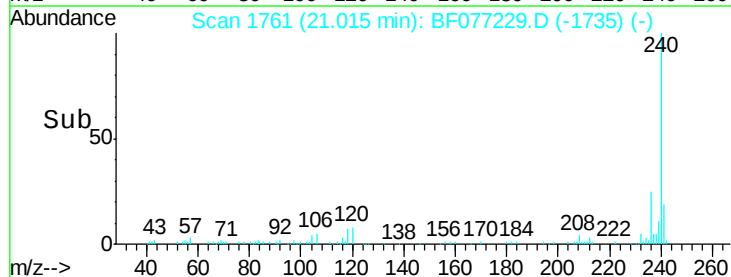
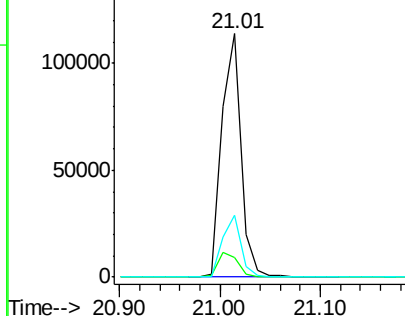


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.01 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF077229.D
Acq: 9 Feb 2015 17:48

Tgt Ion:240 Resp: 151424
Ion Ratio Lower Upper
240 100
120 8.1 10.4 15.6#
236 25.5 20.2 30.2



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

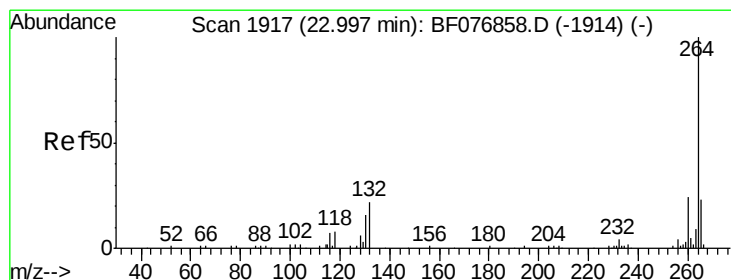
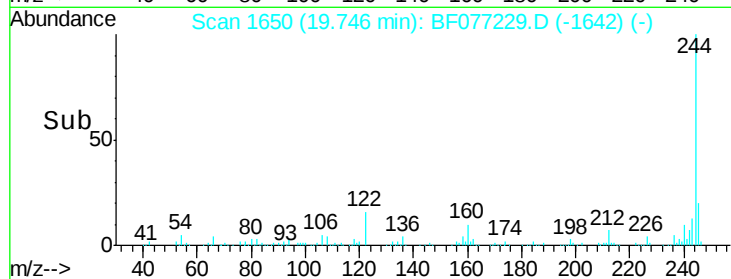
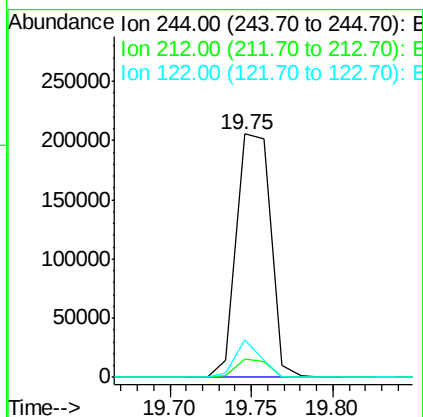
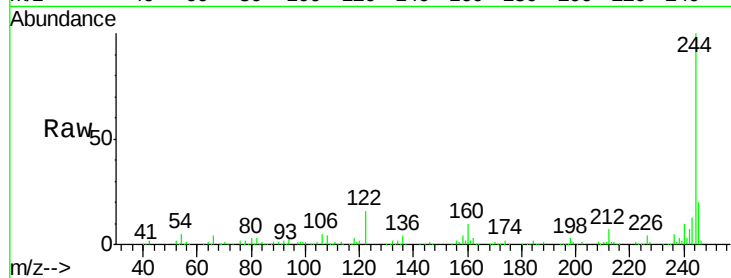




#78
 Terphenyl-d14
 Concen: 45.13 ng
 RT: 19.75 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF077229.D
 Acq: 9 Feb 2015 17:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 296830
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 15.5 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.64 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BF077229.D
 Acq: 9 Feb 2015 17:48

Tgt Ion:264 Resp: 128094
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 22.0 18.1 27.1

