

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
 Data File : BF077292.D
 Acq On : 12 Feb 2015 19:59
 Operator : TP/IZ
 Sample : PB81726BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BL

Quant Time: Feb 13 04:41:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 03:50:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	23622	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	96125	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	47560	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	94598	20.00	ng	0.00
75) Chrysene-d12	20.95	240	90538	20.00	ng	-0.01
86) Perylene-d12	22.58	264	83618	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	200188	131.96	ng	0.01
7) Phenol-d6	6.92	99	253931	135.82	ng	-0.01
23) Nitrobenzene-d5	8.81	82	155930	92.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	56949	146.84	ng	-0.01
44) 2-Fluorobiphenyl	13.06	172	325303	102.95	ng	-0.01
78) Terphenyl-d14	19.69	244	370903	92.02	ng	-0.01

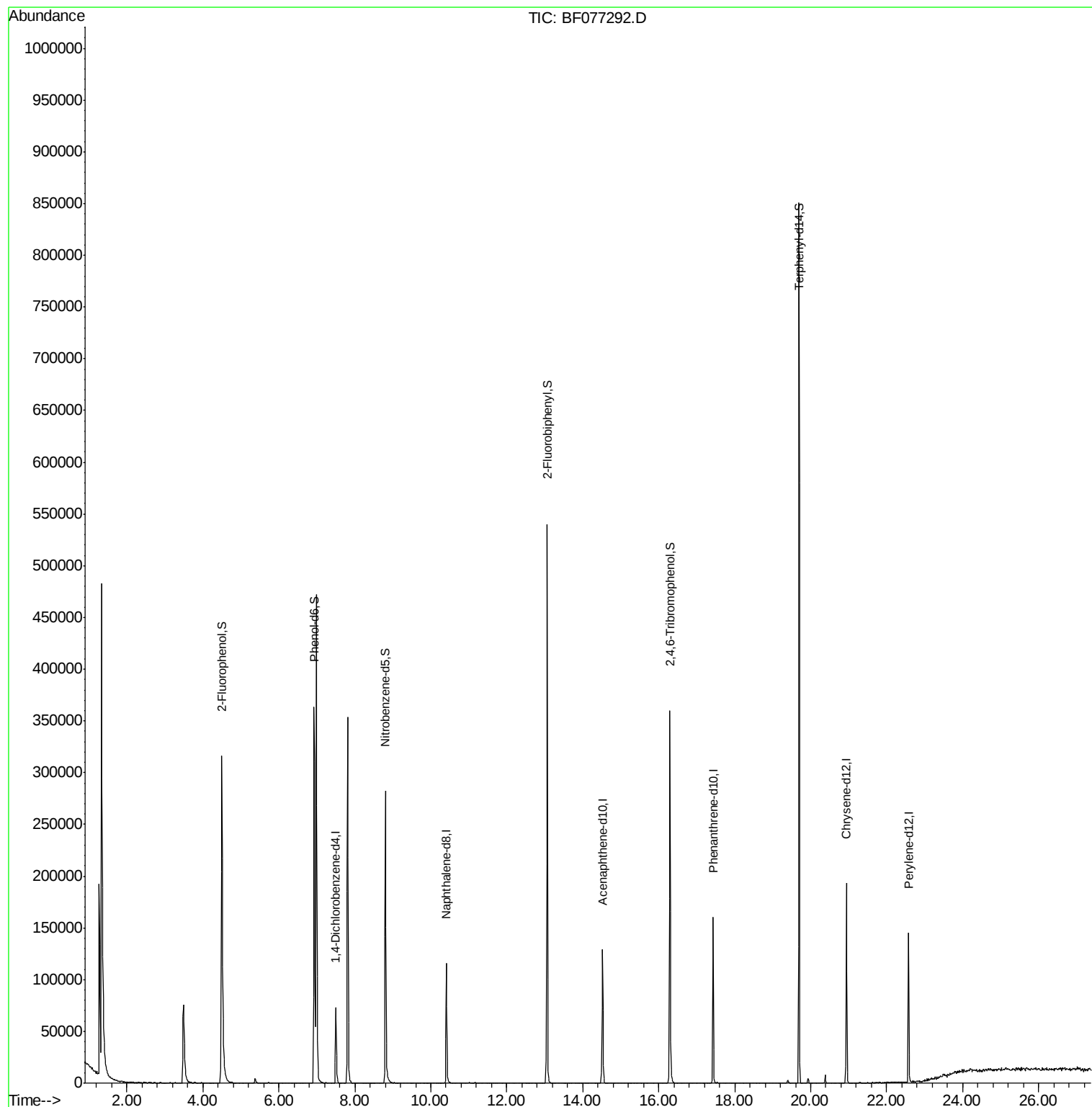
Target Compounds Qvalue

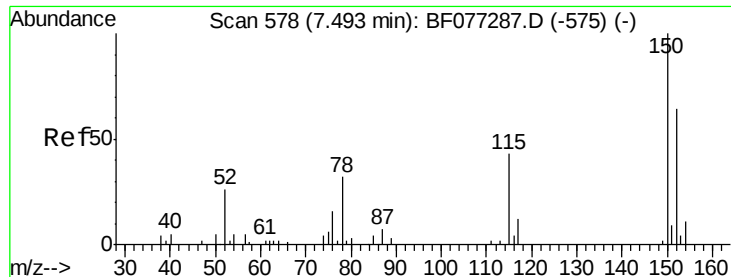
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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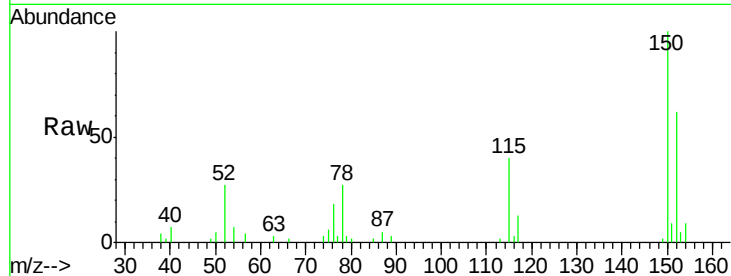


#1

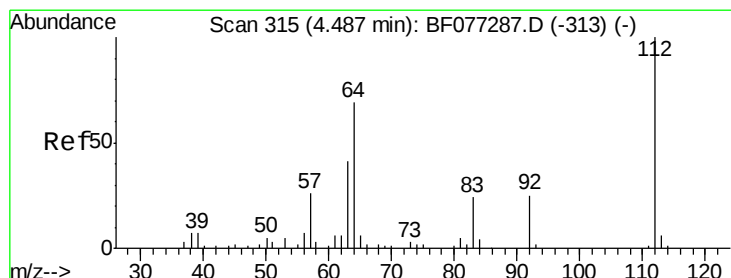
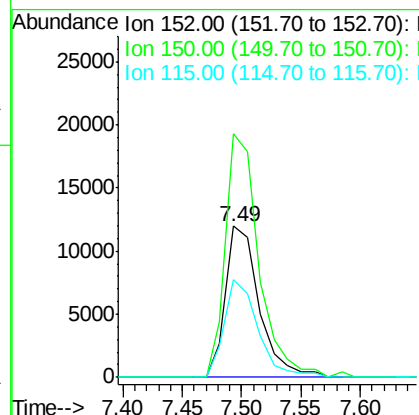
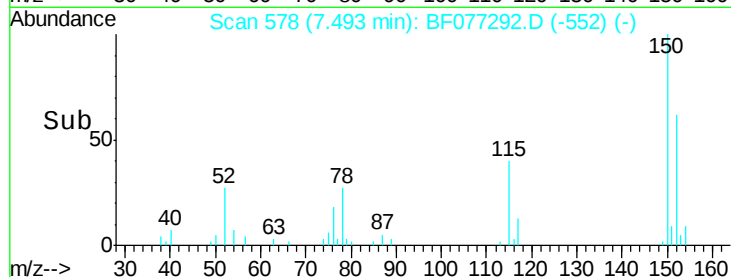
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077292.D
Acq: 12 Feb 2015 19:59

Instrument :
BNA_F
ClientSampleId :
PB81726BL

Tot Ion:152 Resp: 23622
Ion Ratio Lower Upper
152 100
150 161.4 124.9 187.3
115 64.9 54.1 81.1



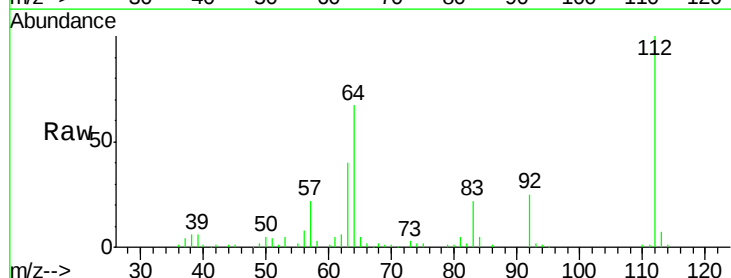
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



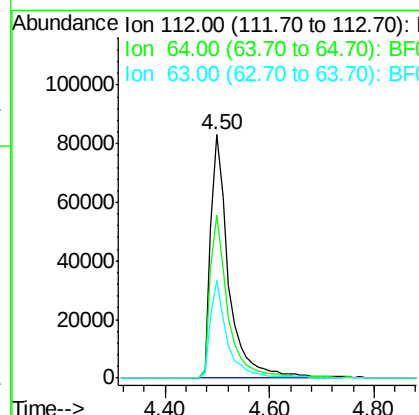
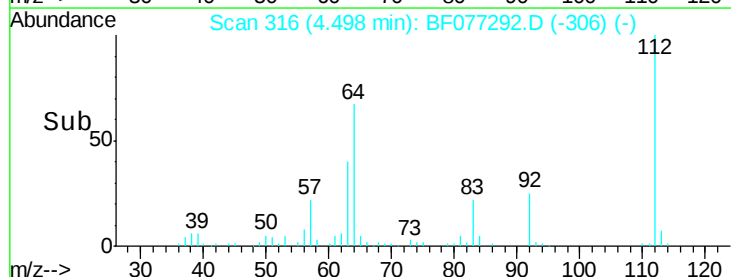
#5

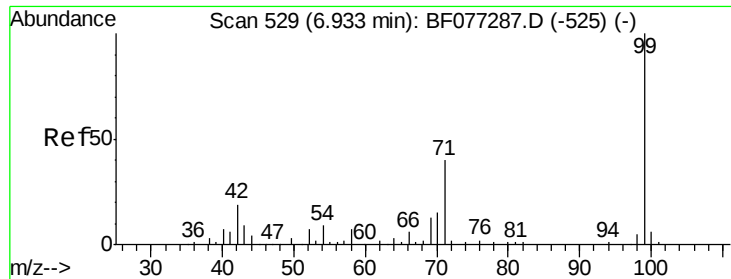
2-Fluorophenol
Concen: 131.96 ng
RT: 4.50 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF077292.D
Acq: 12 Feb 2015 19:59

Tgt Ion:112 Resp: 200188
Ion Ratio Lower Upper
112 100
64 67.2 55.0 82.4
63 40.1 33.0 49.6



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: 135.82 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF077292.D

Acq: 12 Feb 2015 19:59

Instrument :

BNA_F

ClientSampleId :

PB81726BL

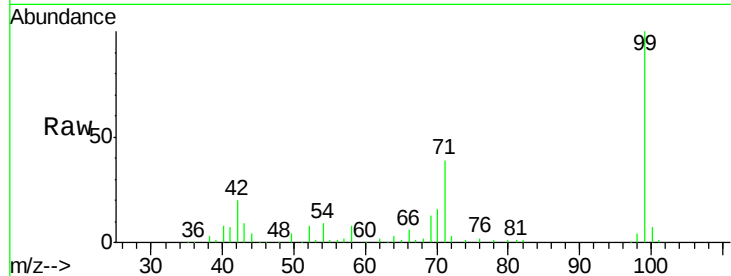
Tot Ion: 99 Resp: 253931

Ion Ratio Lower Upper

99 100

42 20.0 15.0 22.4

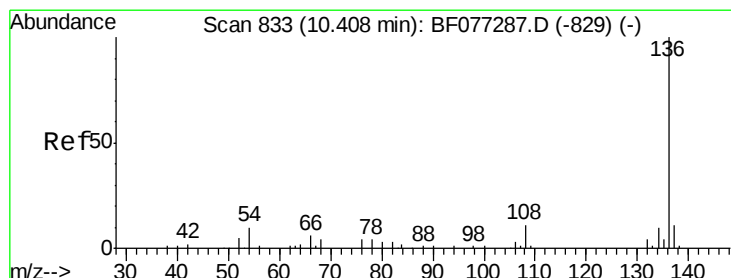
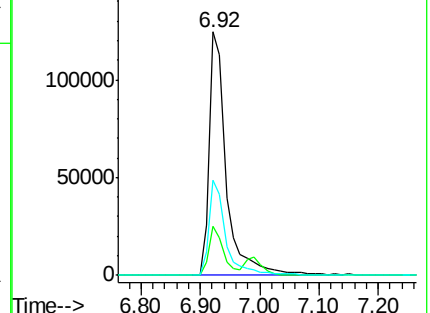
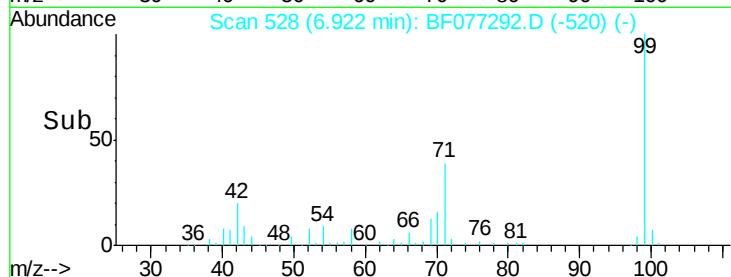
71 38.9 31.8 47.6



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: 10.41 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF077292.D

Acq: 12 Feb 2015 19:59

Tgt Ion: 136 Resp: 96125

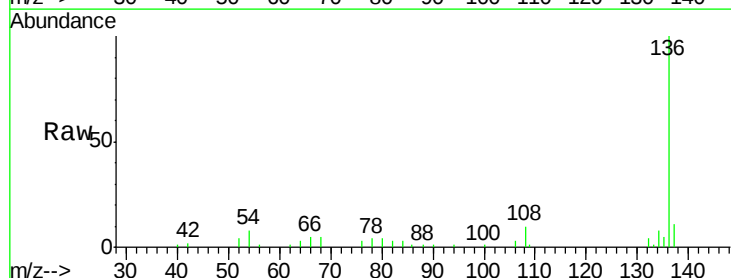
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.0 8.2 12.2#

68 4.7 3.1 4.7

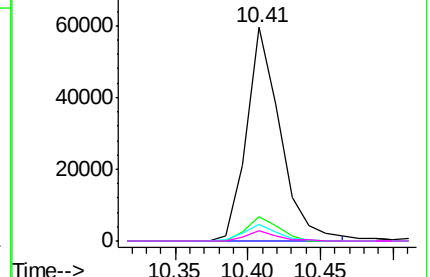
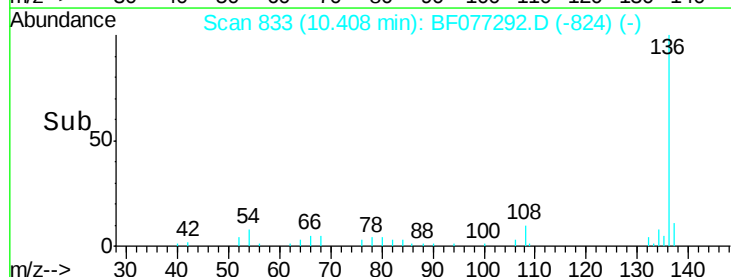


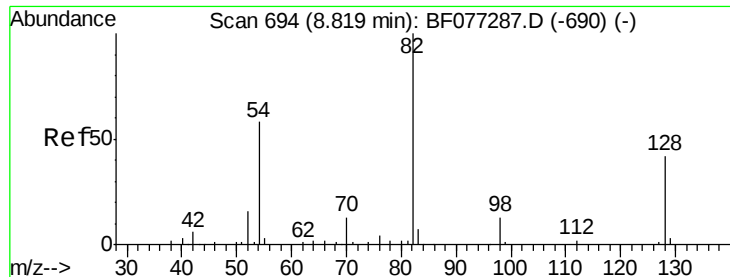
Abundance Ion 136.00 (135.70 to 136.70): E

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

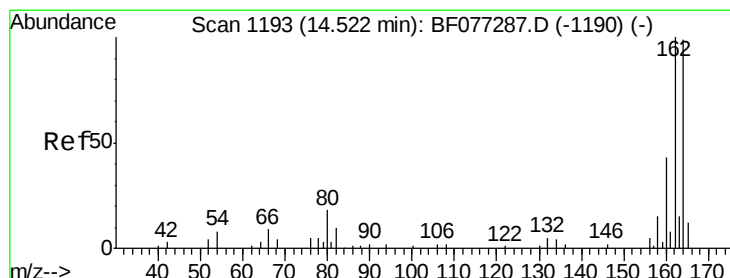
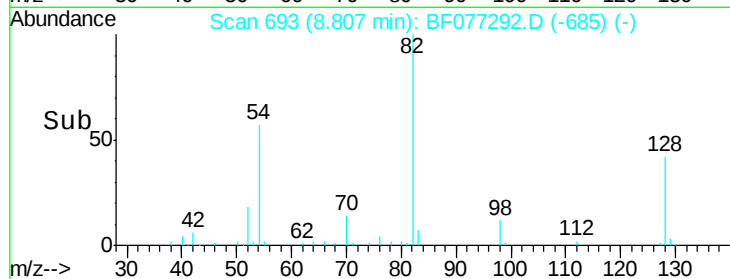
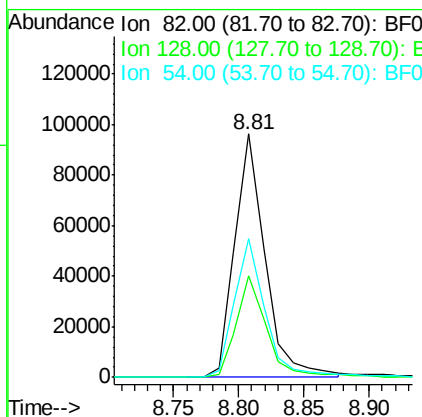
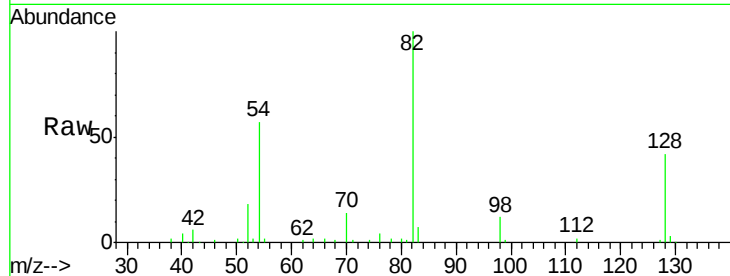




#23
 Nitrobenzene-d5
 Concen: 92.66 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077292.D
 Acq: 12 Feb 2015 19:59

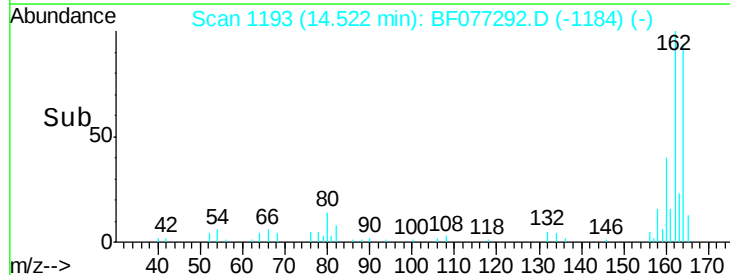
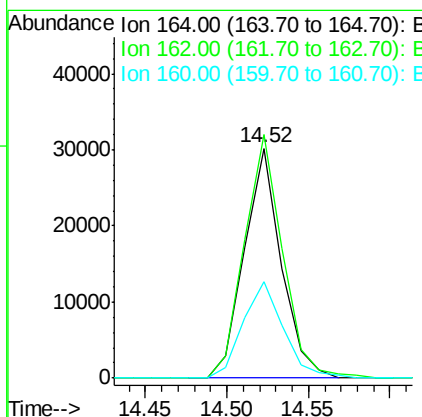
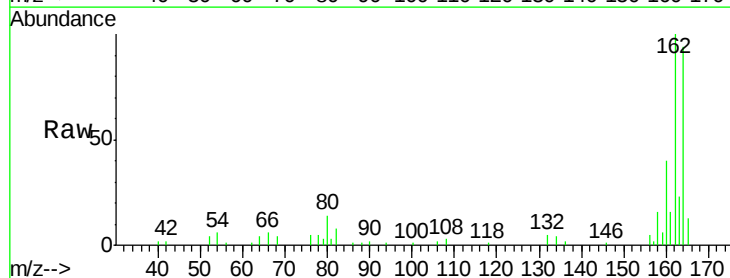
Instrument :
 BNA_F
 ClientSampleId :
 PB81726BL

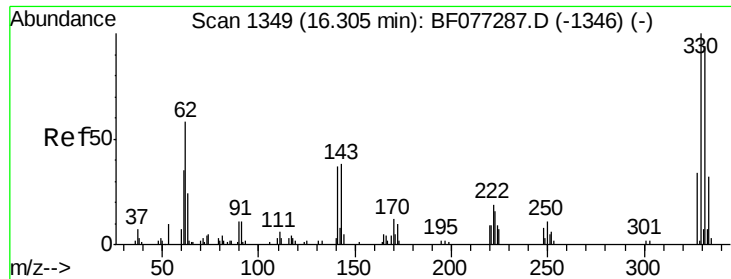
Tot Ion: 82 Resp: 155930
 Ion Ratio Lower Upper
 82 100
 128 41.6 33.6 50.4
 54 57.1 46.2 69.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.52 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF077292.D
 Acq: 12 Feb 2015 19:59

Tgt Ion: 164 Resp: 47560
 Ion Ratio Lower Upper
 164 100
 162 105.8 81.0 121.4
 160 42.0 35.2 52.8

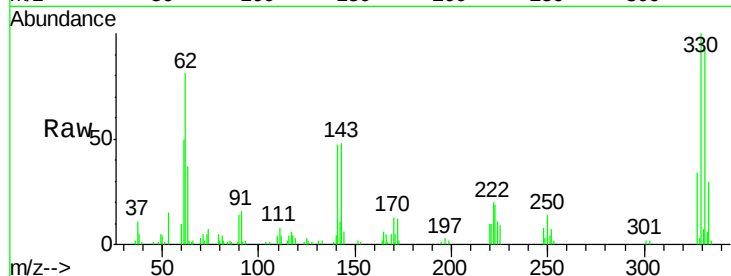




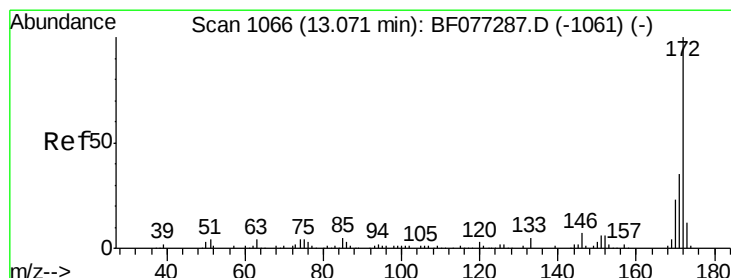
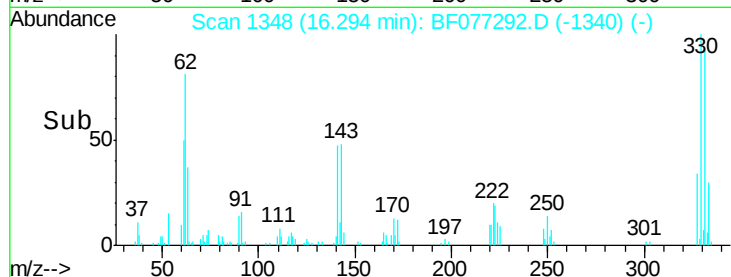
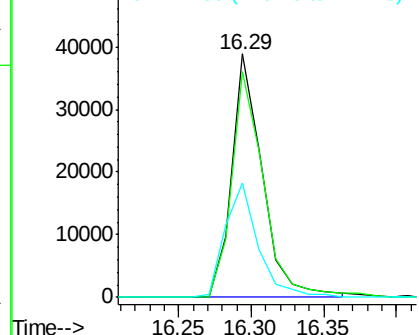
#41
 2,4,6-Tribromophenol
 Concen: 146.84 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF077292.D
 Acq: 12 Feb 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	50.9	0.0	0.0#

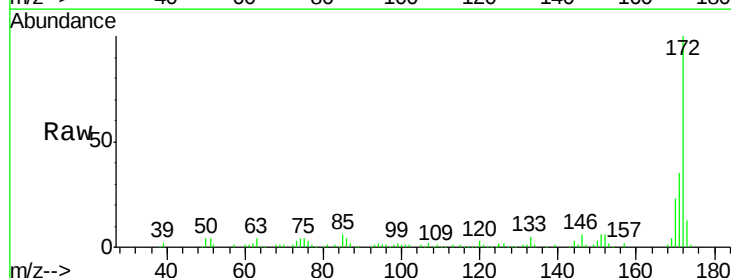


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

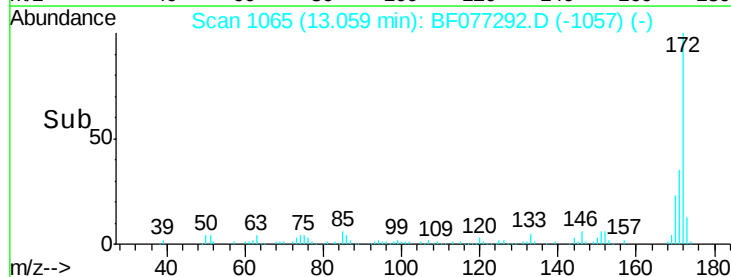
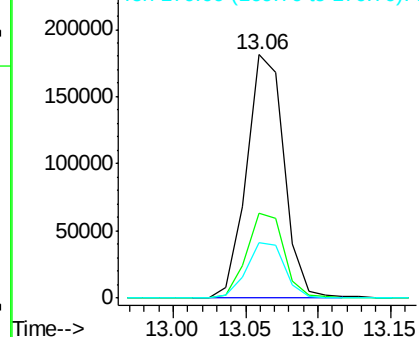


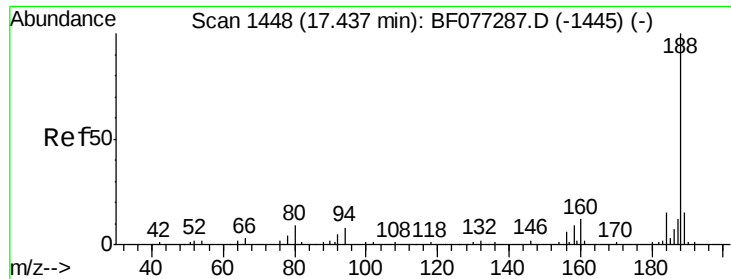
#44
 2-Fluorobiphenyl
 Concen: 102.95 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF077292.D
 Acq: 12 Feb 2015 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	22.7	18.3	27.5



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: 17.44 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF077292.D

Acq: 12 Feb 2015 19:59

Instrument :

BNA_F

ClientSampleId :

PB81726BL

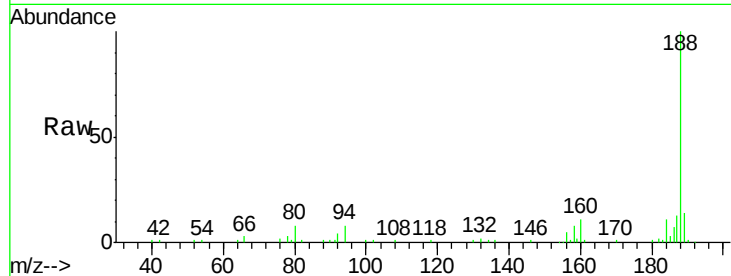
Tot Ion:188 Resp: 94598

Ion Ratio Lower Upper

188 100

94 7.9 6.5 9.7

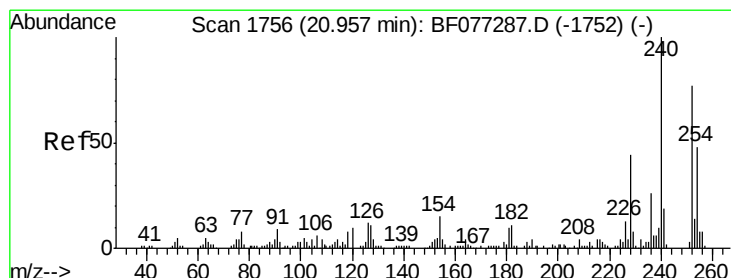
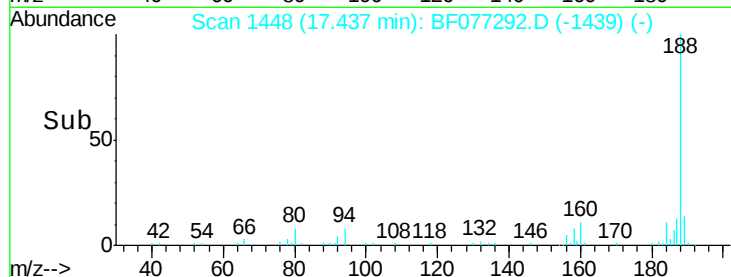
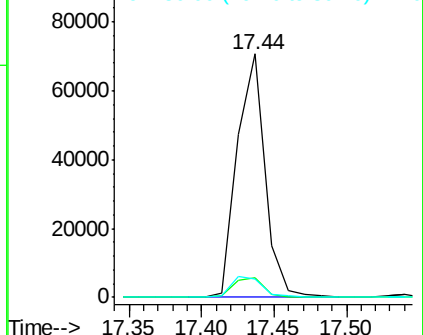
80 7.6 7.1 10.7



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: 20.95 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077292.D

Acq: 12 Feb 2015 19:59

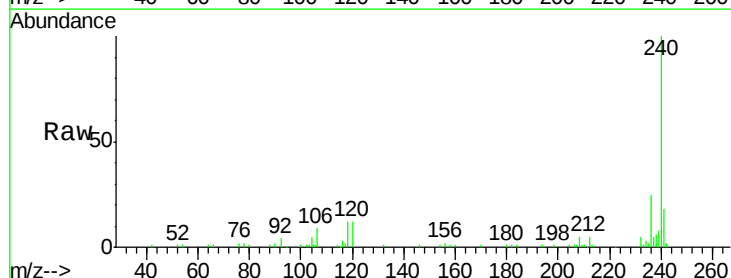
Tgt Ion:240 Resp: 90538

Ion Ratio Lower Upper

240 100

120 11.6 7.8 11.8

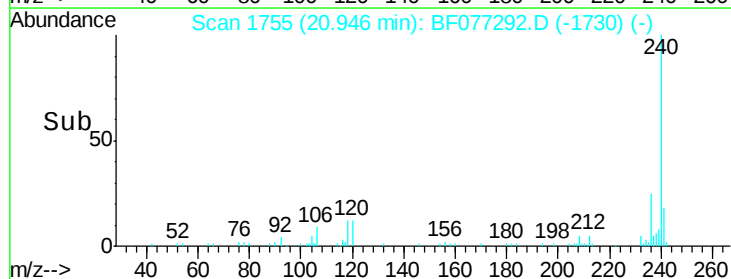
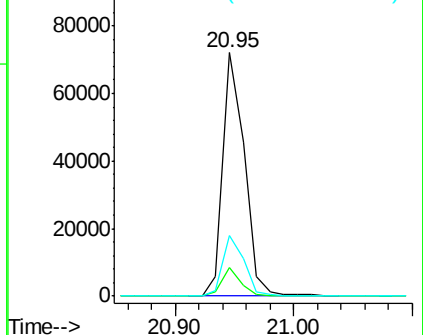
236 25.0 20.4 30.6

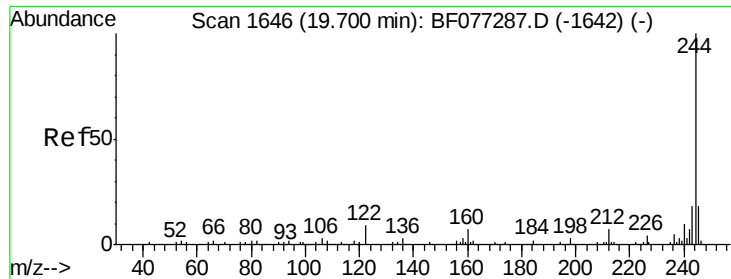


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

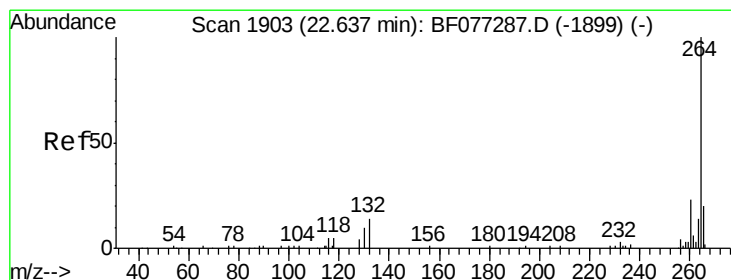
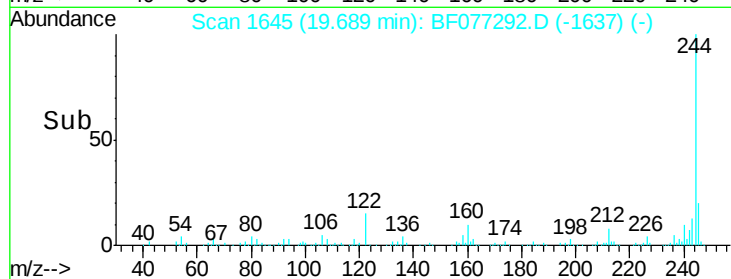
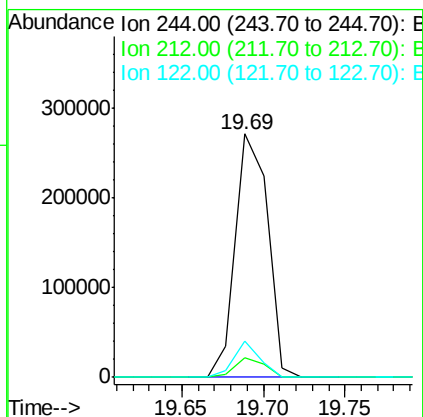
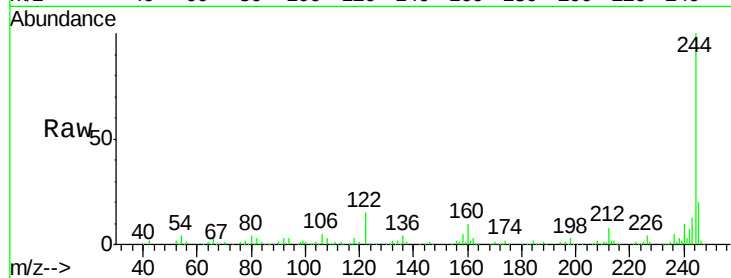




#78
 Terphenyl-d14
 Concen: 92.02 ng
 RT: 19.69 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF077292.D
 Acq: 12 Feb 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 PB81726BL

Tot Ion:244 Resp: 370903
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.6 8.4
 122 14.7 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.58 min Scan# 1898
 Delta R.T. -0.06 min
 Lab File: BF077292.D
 Acq: 12 Feb 2015 19:59

Tgt Ion:264 Resp: 83618
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.6 27.8
 265 20.0 16.2 24.2

