

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077689.D
 Acq On : 11 Mar 2015 15:05
 Operator : TP/IZ
 Sample : PB82044BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82044BL

Quant Time: Mar 12 03:24:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	51761	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	187969	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	98646	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	200916	20.00	ng	0.00
75) Chrysene-d12	16.03	240	202190	20.00	ng	0.00
86) Perylene-d12	17.70	264	195498	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	383204	129.23	ng	0.00
7) Phenol-d6	6.74	99	493121	134.60	ng	0.00
23) Nitrobenzene-d5	7.86	82	231112	80.60	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	118894	125.97	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	528641	78.76	ng	0.00
78) Terphenyl-d14	14.75	244	680610	82.23	ng	0.00

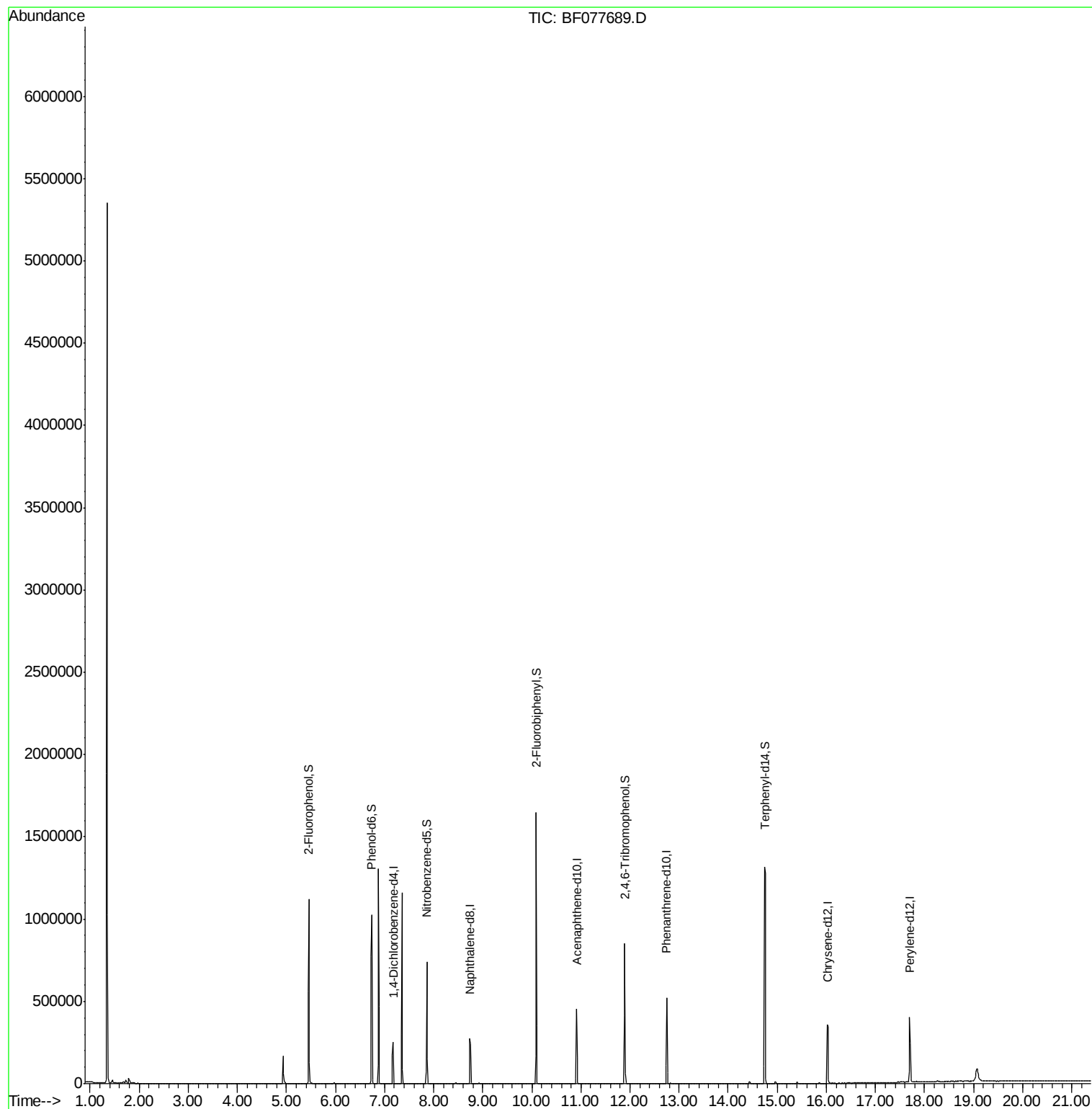
Target Compounds Qvalue

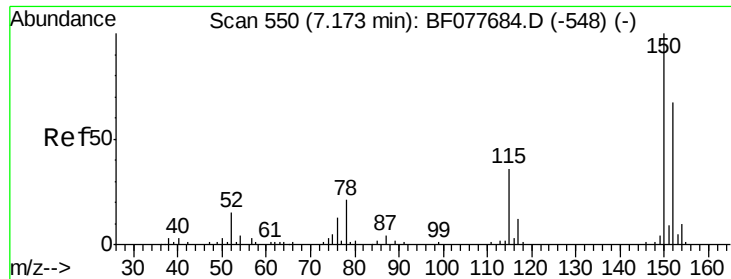
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF077689.D

Acq: 11 Mar 2015 15:05

Instrument :

BNA_F

ClientSampleId :

PB82044BL

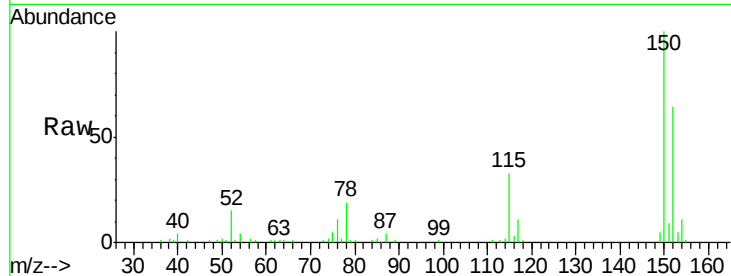
Tot Ion:152 Resp: 51761

Ion Ratio Lower Upper

152 100

150 156.5 119.5 179.3

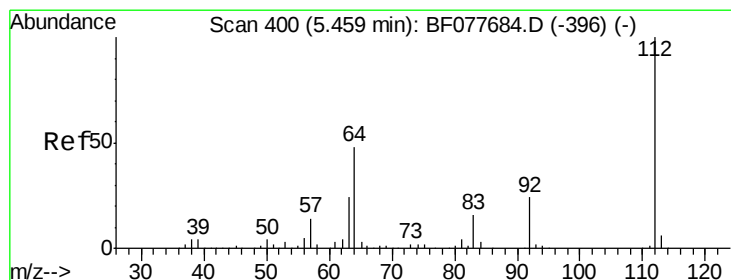
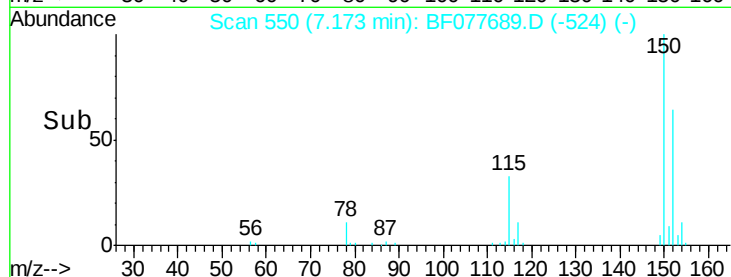
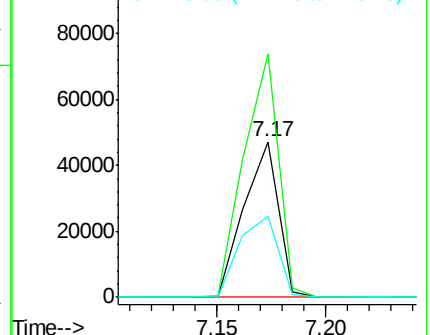
115 51.9 43.0 64.4



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: 129.23 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077689.D

Acq: 11 Mar 2015 15:05

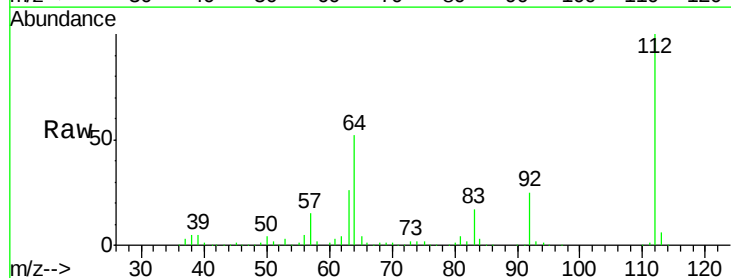
Tgt Ion:112 Resp: 383204

Ion Ratio Lower Upper

112 100

64 52.0 38.6 57.8

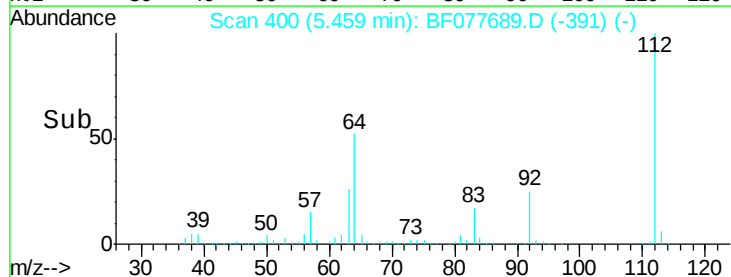
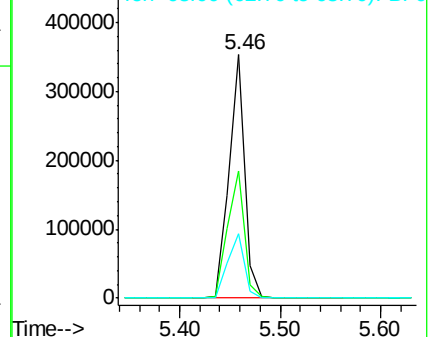
63 26.3 19.3 28.9

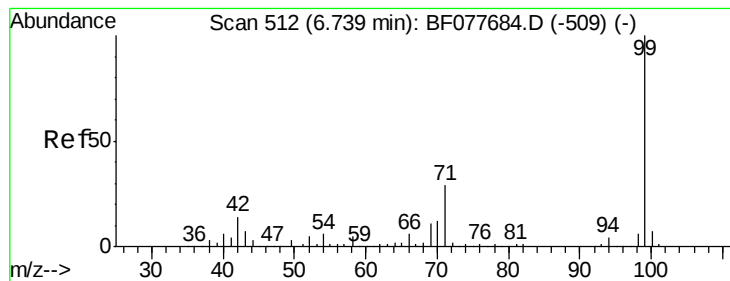


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.60 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077689.D

Acq: 11 Mar 2015 15:05

Instrument :

BNA_F

ClientSampled :

PB82044BL

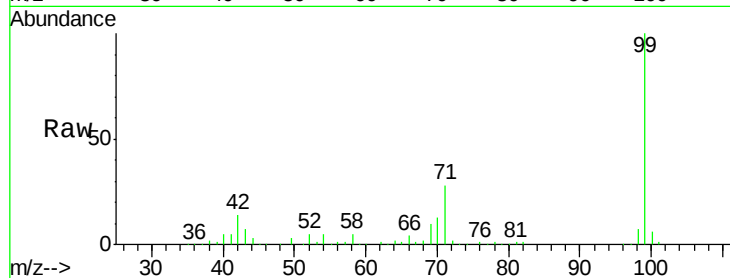
Tot Ion: 99 Resp: 493121

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.4

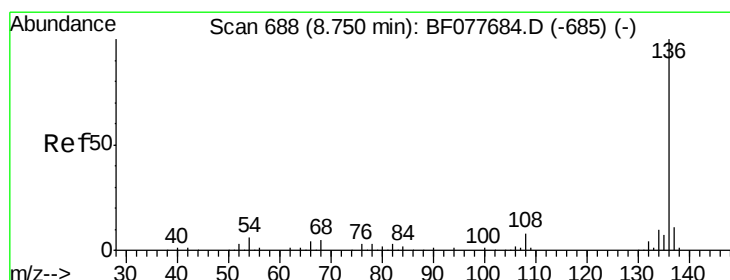
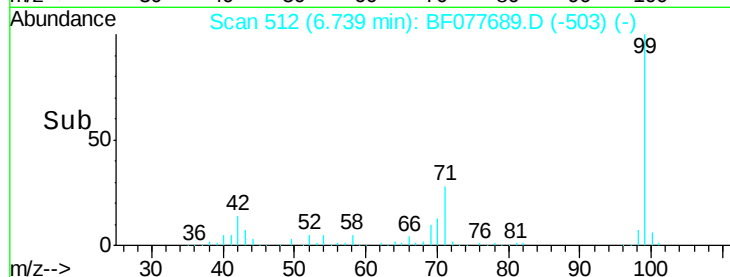
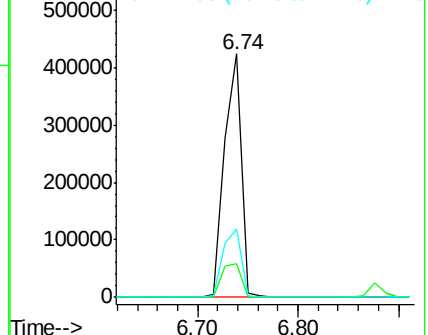
71 28.2 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077689.D

Acq: 11 Mar 2015 15:05

Tgt Ion: 136 Resp: 187969

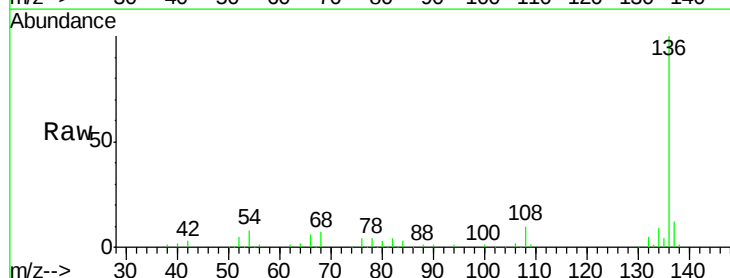
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 8.4 4.6 6.8#

68 7.3 3.7 5.5#

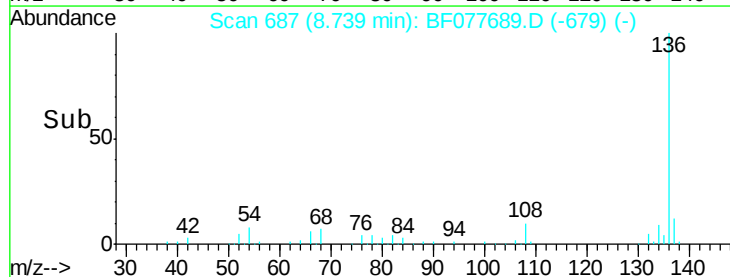
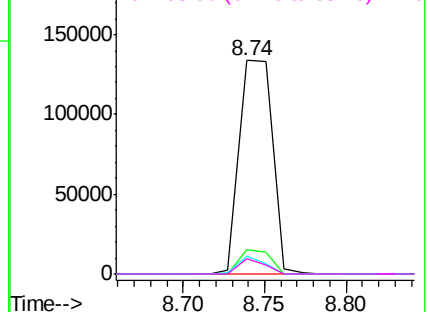


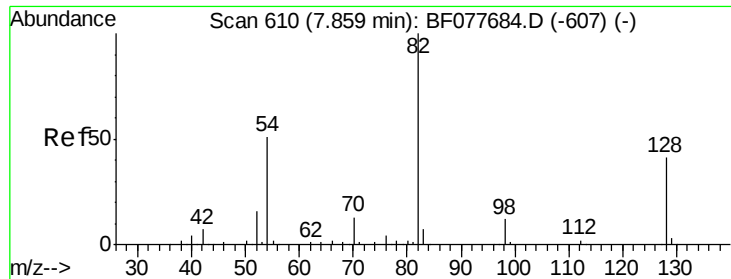
Abundance Ion 136.00 (135.70 to 136.70): E

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

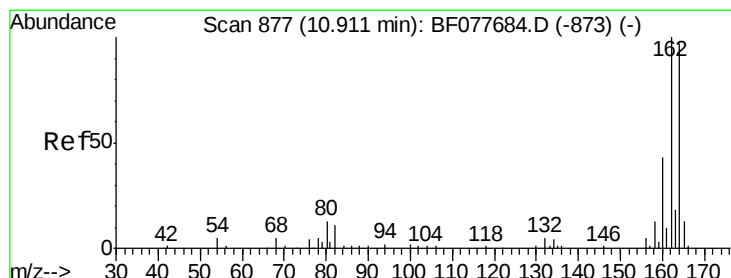
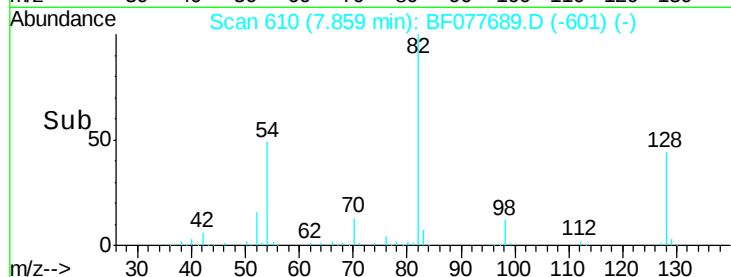
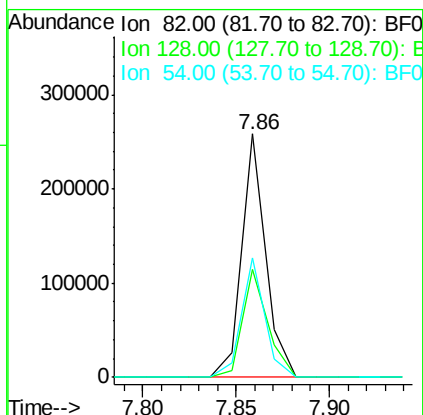
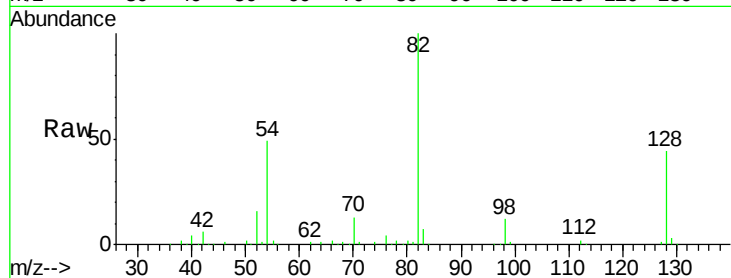




#23
Nitrobenzene-d5
Concen: 80.60 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077689.D
Acq: 11 Mar 2015 15:05

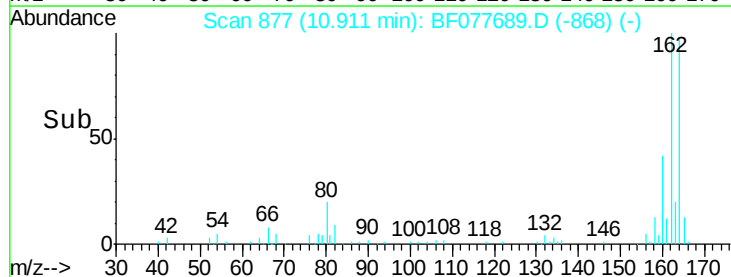
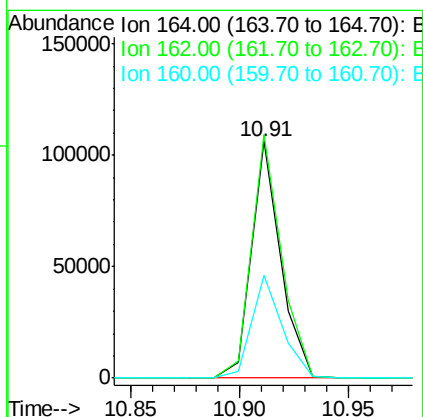
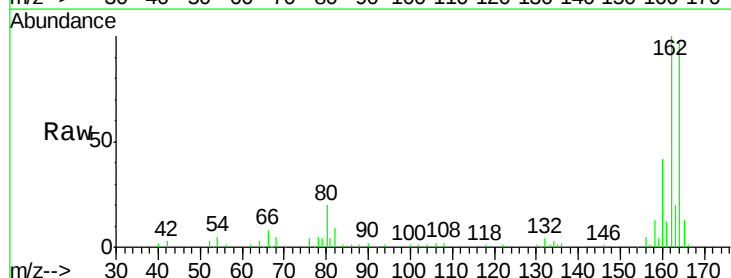
Instrument :
BNA_F
ClientSampleId :
PB82044BL

Tot Ion: 82 Resp: 231112
Ion Ratio Lower Upper
82 100
128 44.3 32.8 49.2
54 49.2 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077689.D
Acq: 11 Mar 2015 15:05

Tgt Ion: 164 Resp: 98646
Ion Ratio Lower Upper
164 100
162 102.7 82.4 123.6
160 43.5 35.8 53.6

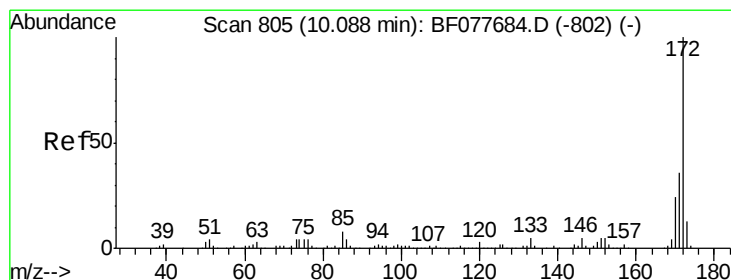
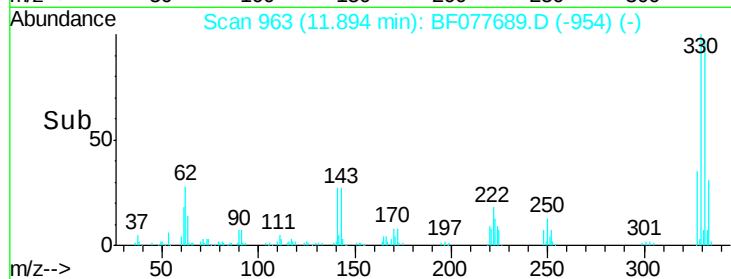
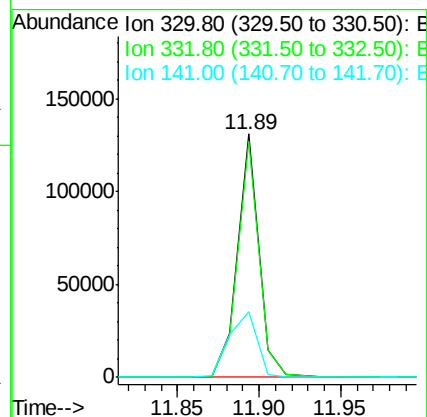
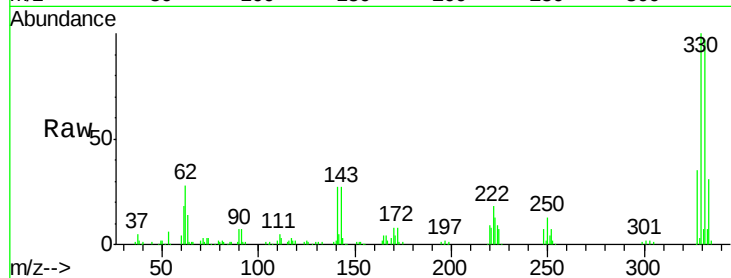




#41
 2,4,6-Tribromophenol
 Concen: 125.97 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077689.D
 Acq: 11 Mar 2015 15:05

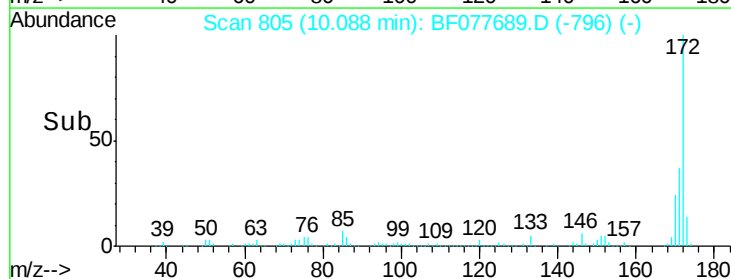
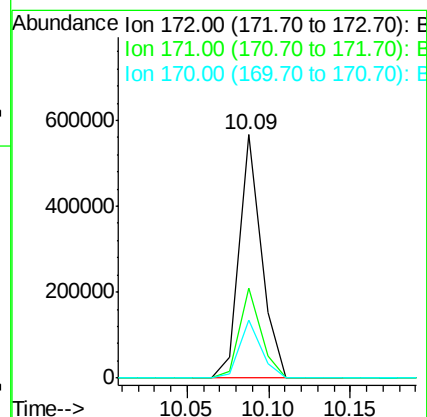
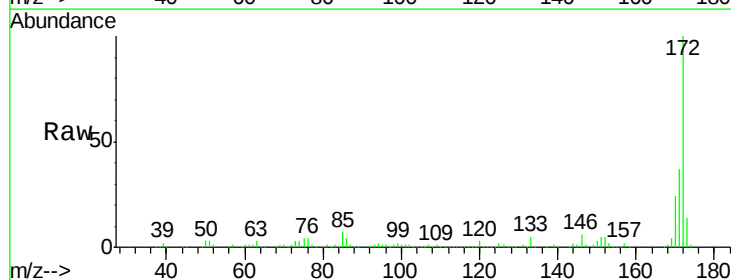
Instrument :
 BNA_F
 ClientSampleId :
 PB82044BL

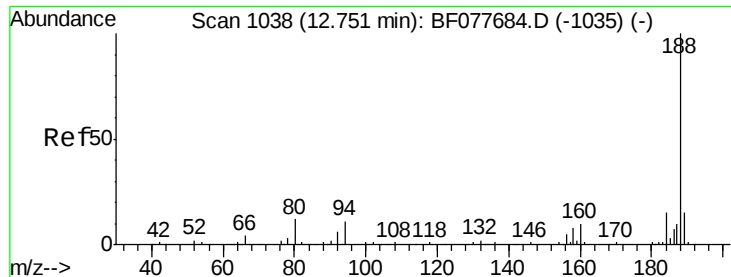
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	35.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 78.76 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077689.D
 Acq: 11 Mar 2015 15:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	23.7	18.8	28.2

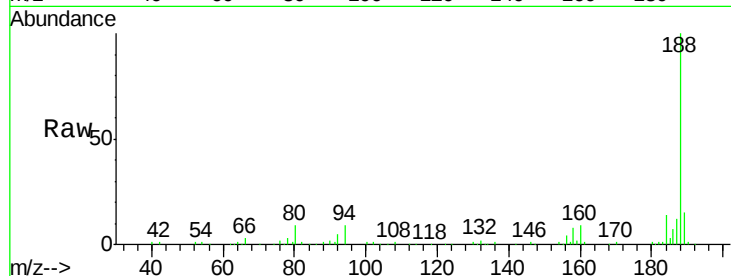




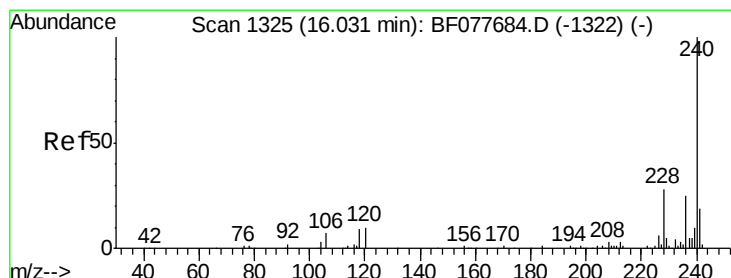
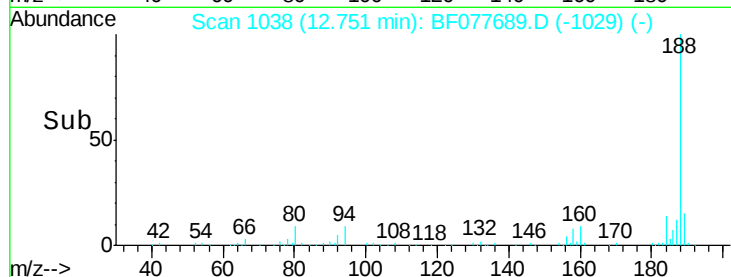
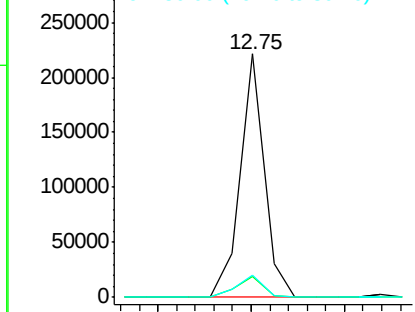
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077689.D
Acq: 11 Mar 2015 15:05

Instrument :
BNA_F
ClientSampleId :
PB82044BL

Tot Ion:188 Resp: 200916
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1
80 9.4 9.3 13.9

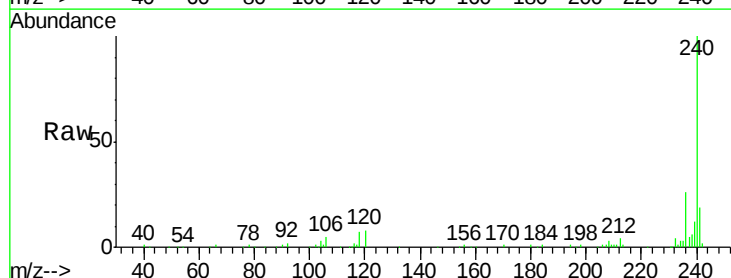


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

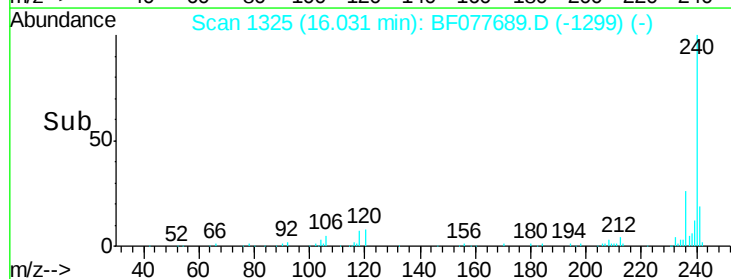
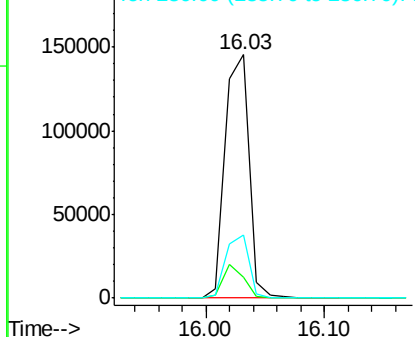


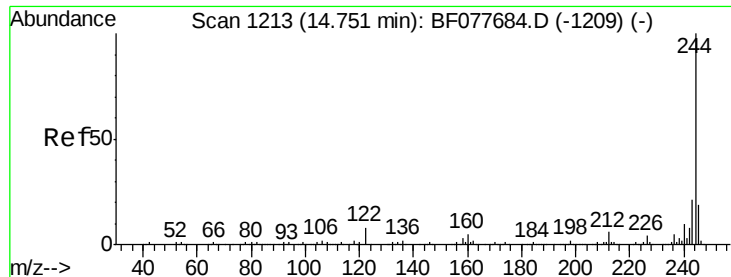
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077689.D
Acq: 11 Mar 2015 15:05

Tgt Ion:240 Resp: 202190
Ion Ratio Lower Upper
240 100
120 8.4 8.2 12.2
236 25.8 20.0 30.0



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: 82.23 ng

RT: 14.75 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF077689.D

Acq: 11 Mar 2015 15:05

Instrument :

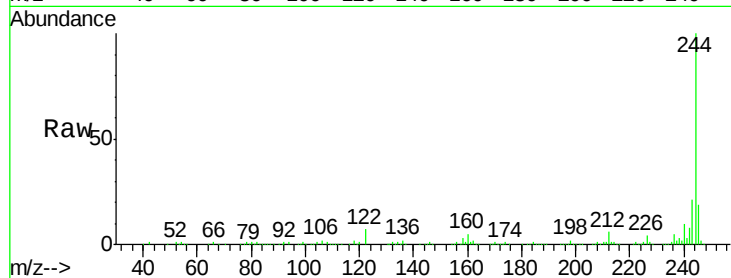
BNA_F

ClientSampleId :

PB82044BL

Tot Ion:244 Resp: 680610

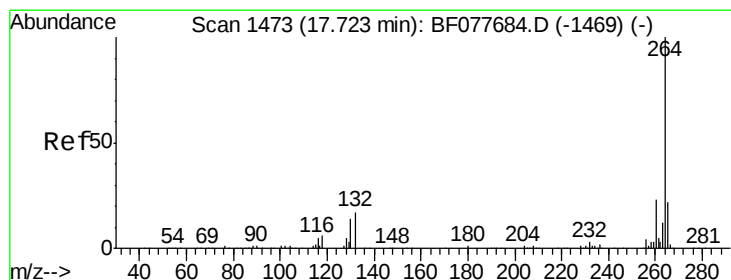
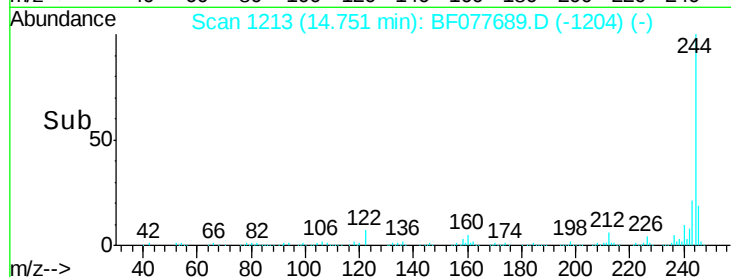
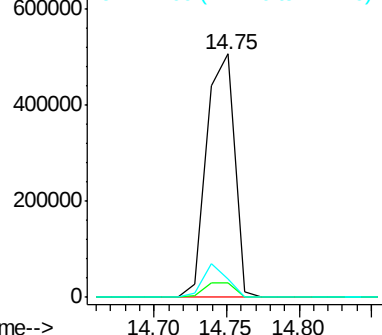
Ion	Ratio	Lower	Upper
244	100		
212	5.9	4.9	7.3
122	7.5	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.70 min Scan# 1471

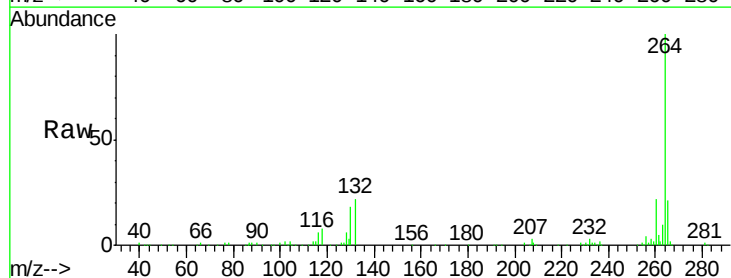
Delta R.T. -0.02 min

Lab File: BF077689.D

Acq: 11 Mar 2015 15:05

Tgt Ion:264 Resp: 195498

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.6	27.8
265	21.1	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

