

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077694.D
 Acq On : 11 Mar 2015 18:35
 Operator : TP/IZ
 Sample : PB82059BL
 Misc : S
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BL

Quant Time: Mar 12 05:25:06 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	56505	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	225431	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	116824	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	236292	20.00	ng	0.00
75) Chrysene-d12	16.03	240	238302	20.00	ng	0.00
86) Perylene-d12	17.75	264	222709	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	404260	124.88	ng	0.00
7) Phenol-d6	6.74	99	529668	132.43	ng	0.00
23) Nitrobenzene-d5	7.86	82	274916	79.94	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	130602	116.84	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	629757	79.22	ng	0.00
78) Terphenyl-d14	14.75	244	796213	81.61	ng	0.00

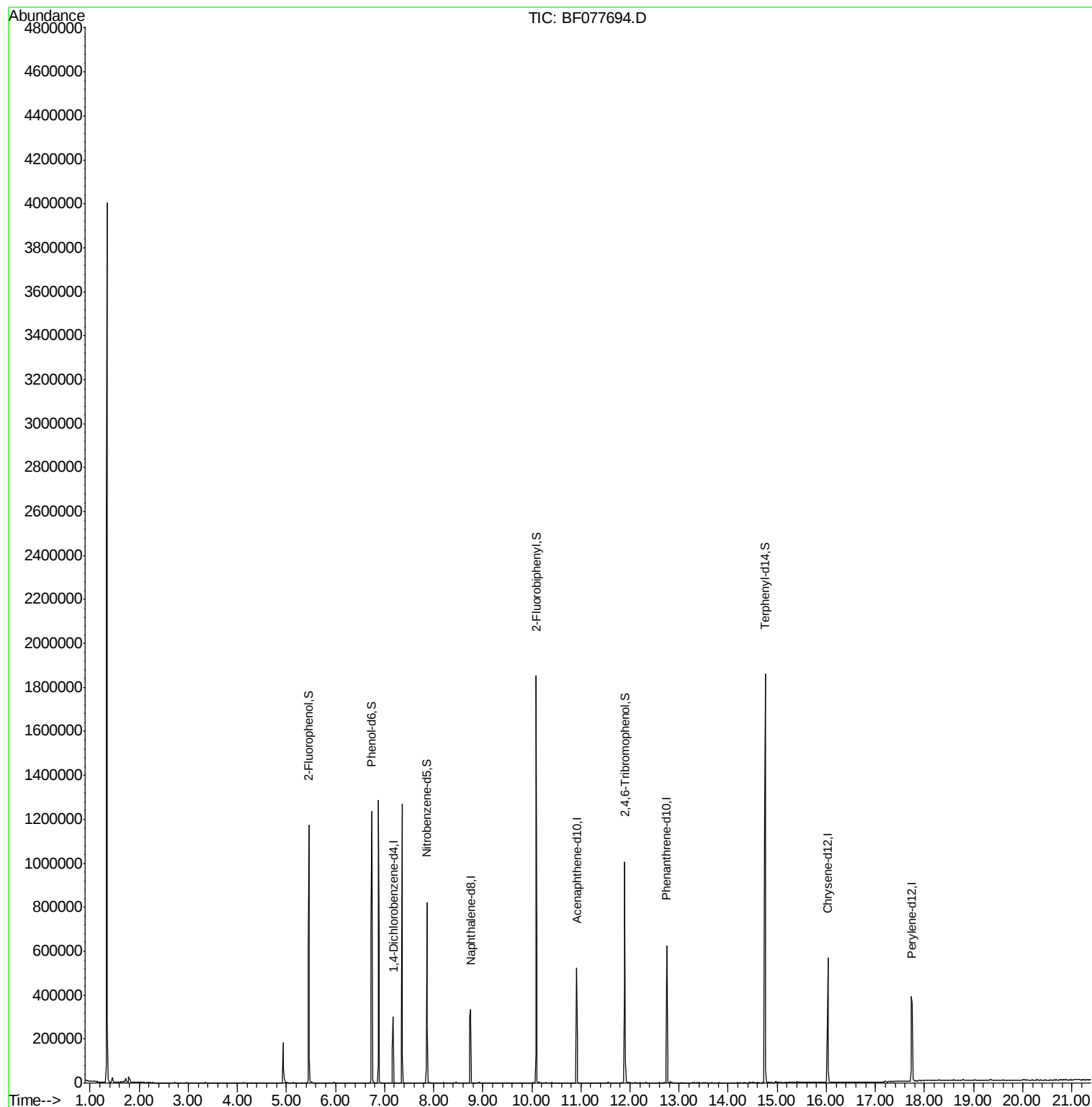
Target Compounds Qvalue

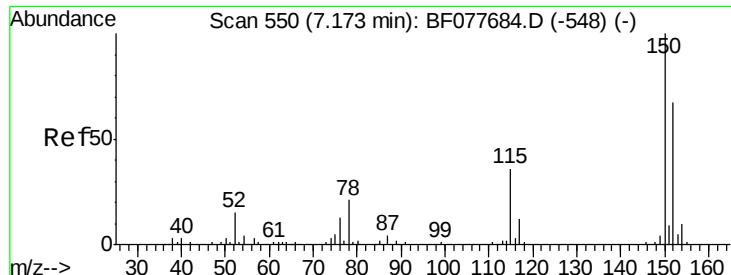
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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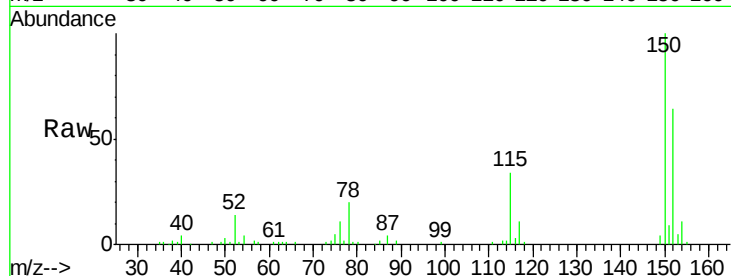


#1

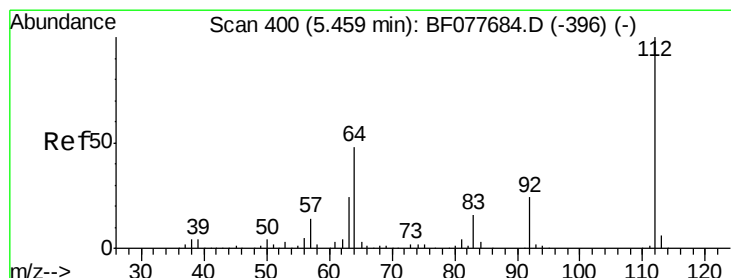
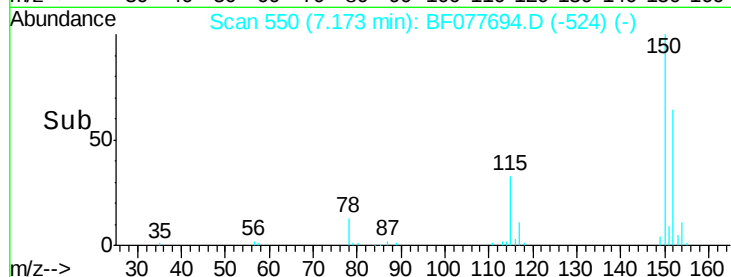
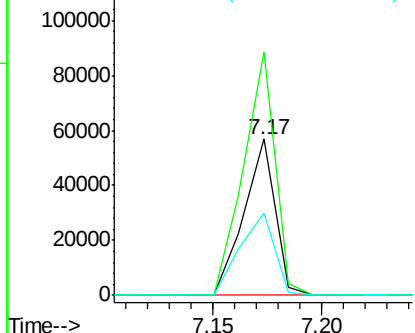
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF077694.D
Acq: 11 Mar 2015 18:35

Instrument :
BNA_F
ClientSampleId :
PB82059BL

Tot Ion:152 Resp: 56505
Ion Ratio Lower Upper
152 100
150 156.0 119.5 179.3
115 52.8 43.0 64.4



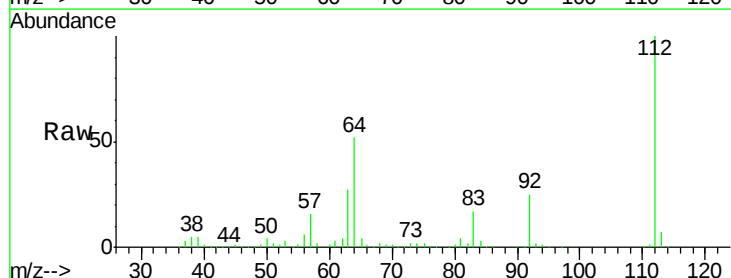
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



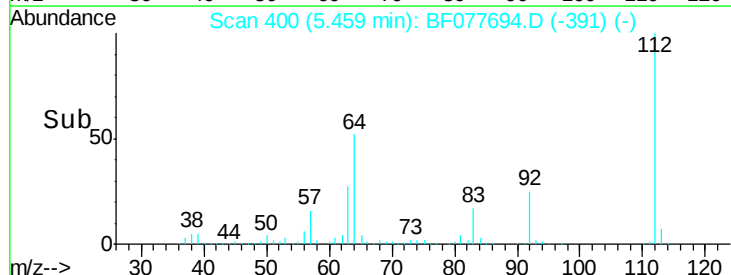
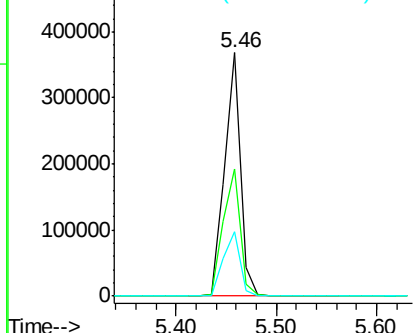
#5

2-Fluorophenol
Concen: 124.88 ng
RT: 5.46 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF077694.D
Acq: 11 Mar 2015 18:35

Tgt Ion:112 Resp: 404260
Ion Ratio Lower Upper
112 100
64 52.1 38.6 57.8
63 26.6 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: 132.43 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077694.D

Acq: 11 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82059BL

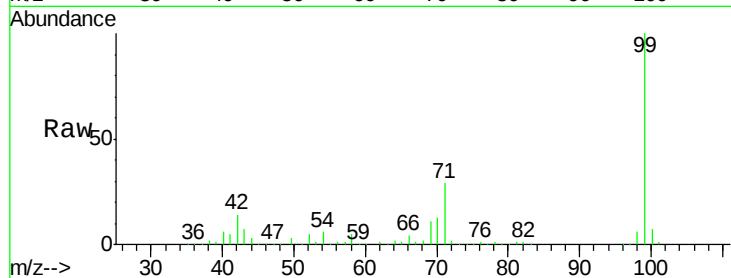
Tot Ion: 99 Resp: 529668

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

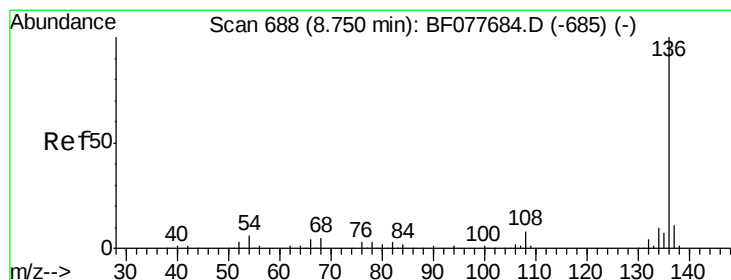
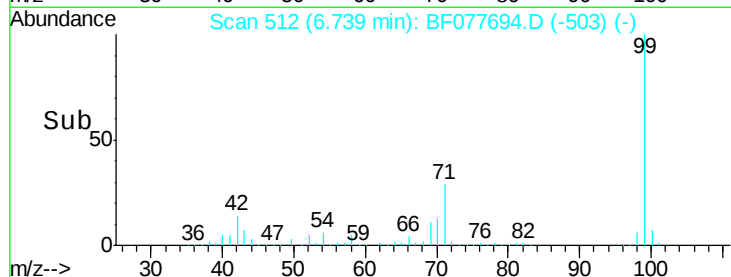
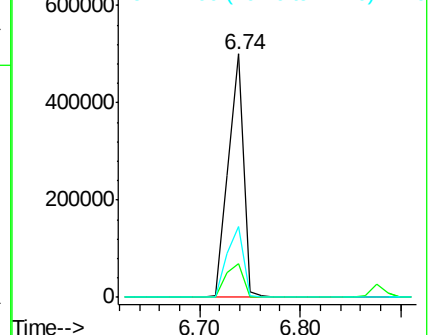
71 29.2 23.4 35.2



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: 8.75 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF077694.D

Acq: 11 Mar 2015 18:35

Tgt Ion: 136 Resp: 225431

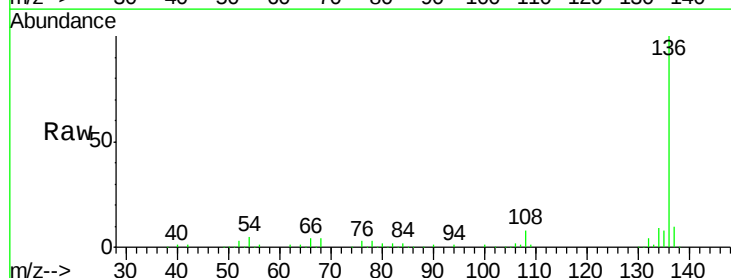
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.2 4.6 6.8

68 4.3 3.7 5.5

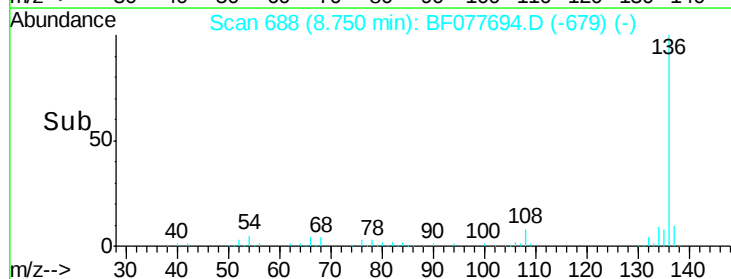
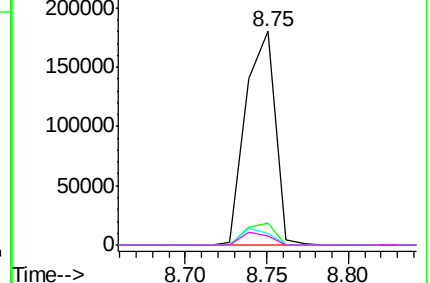


Abundance Ion 136.00 (135.70 to 136.70): E

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

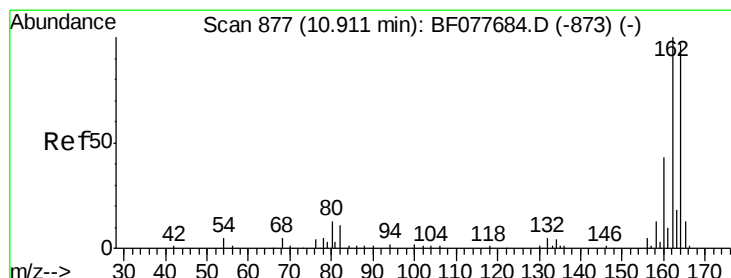
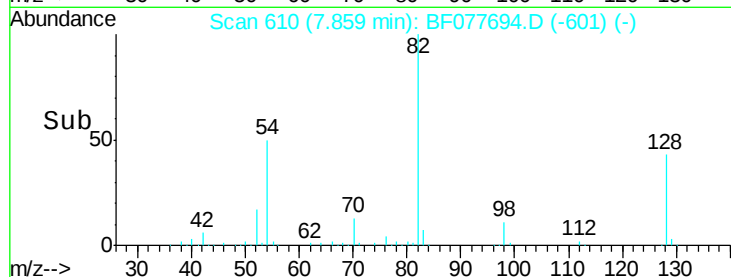
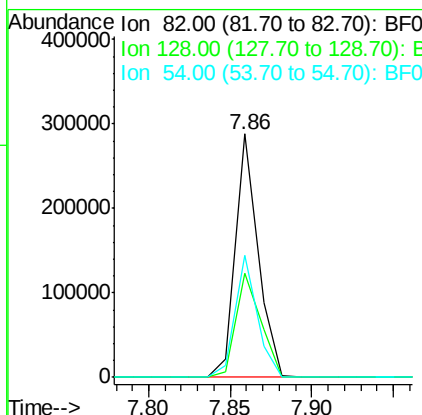
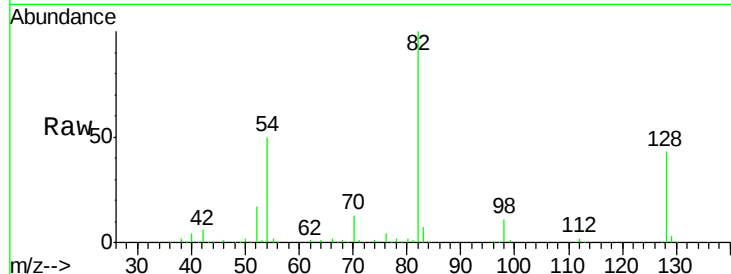




#23
Nitrobenzene-d5
Concen: 79.94 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077694.D
Acq: 11 Mar 2015 18:35

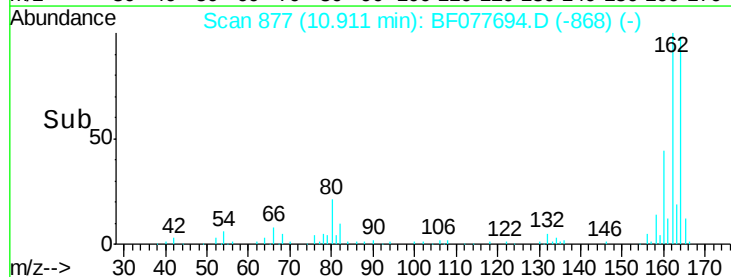
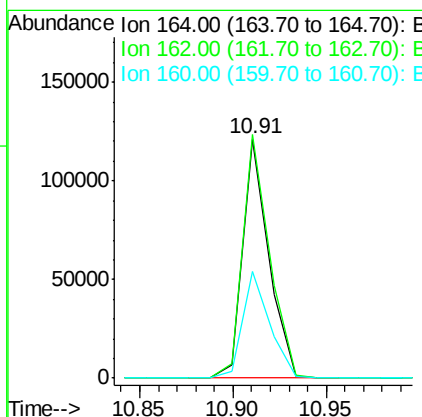
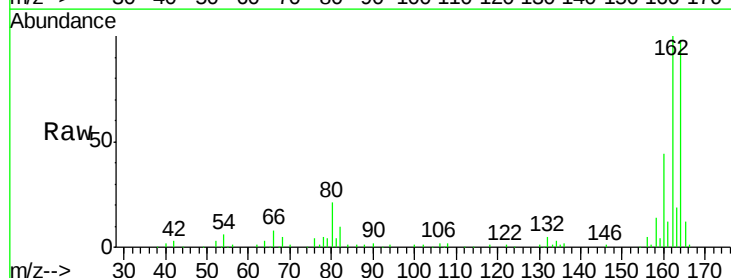
Instrument :
BNA_F
ClientSampleId :
PB82059BL

Tot Ion	82	Resp	274916
Ion Ratio	100	Lower	Upper
128	42.5	32.8	49.2
54	50.3	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: BF077694.D
Acq: 11 Mar 2015 18:35

Tgt Ion	164	Resp	116824
Ion Ratio	100	Lower	Upper
162	102.0	82.4	123.6
160	44.8	35.8	53.6

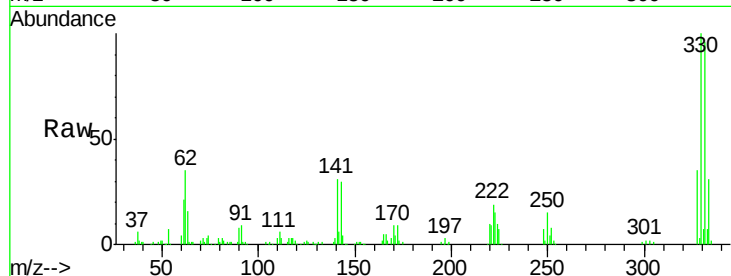




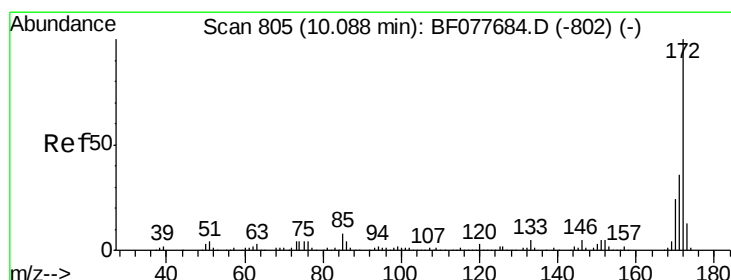
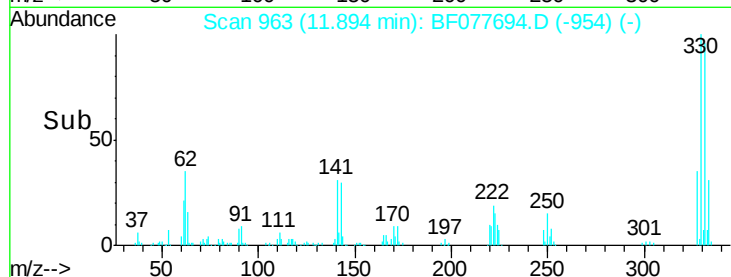
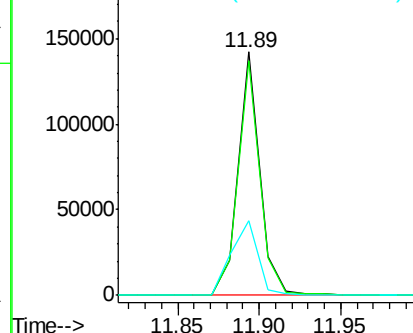
#41
 2,4,6-Tribromophenol
 Concen: 116.84 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077694.D
 Acq: 11 Mar 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	37.7	0.0	0.0#

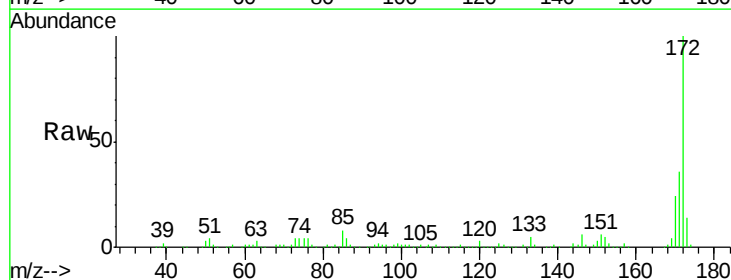


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

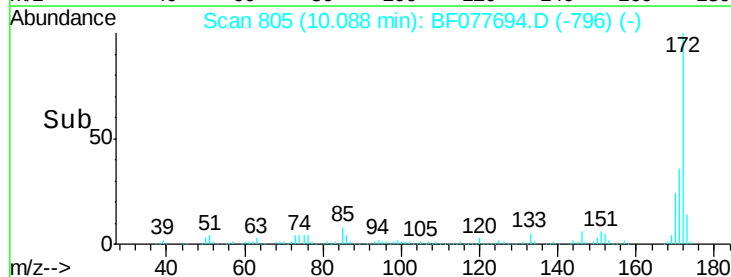
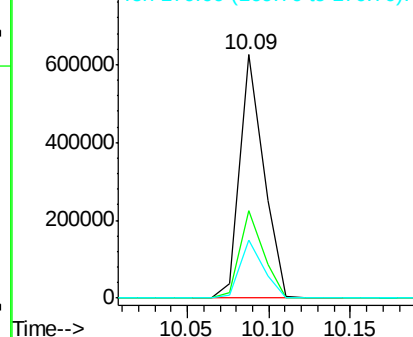


#44
 2-Fluorobiphenyl
 Concen: 79.22 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077694.D
 Acq: 11 Mar 2015 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.0	18.8	28.2



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

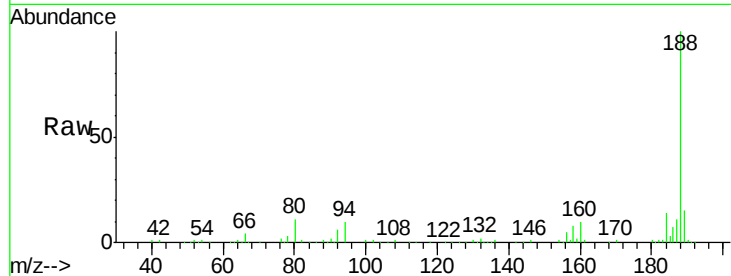




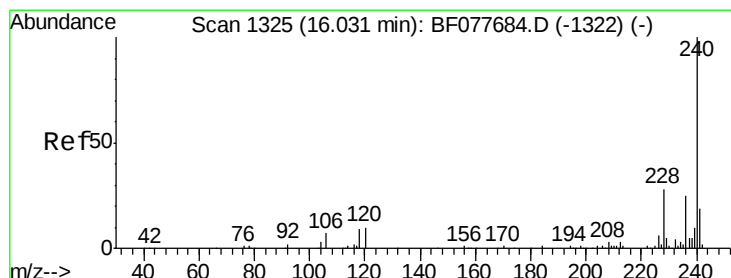
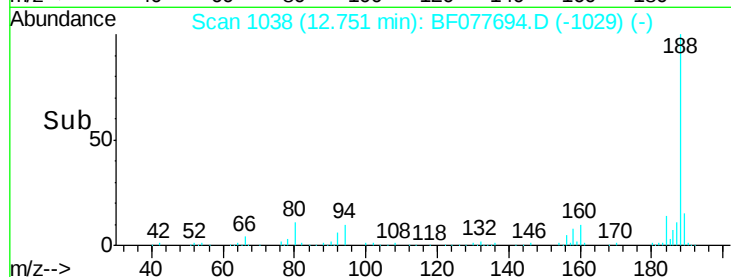
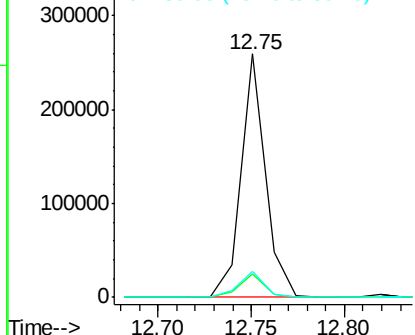
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077694.D
Acq: 11 Mar 2015 18:35

Instrument :
BNA_F
ClientSampleId :
PB82059BL

Tot Ion:188 Resp: 236292
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 10.9 9.3 13.9

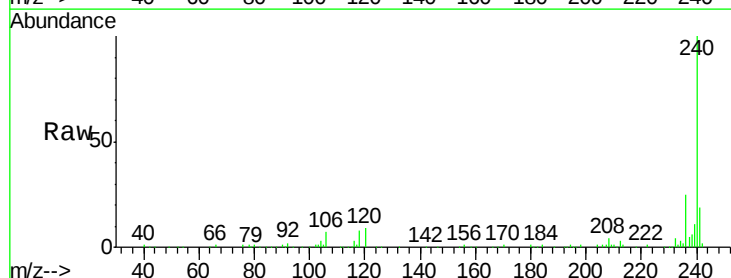


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

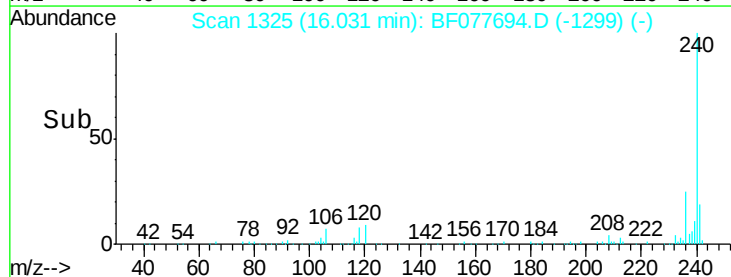
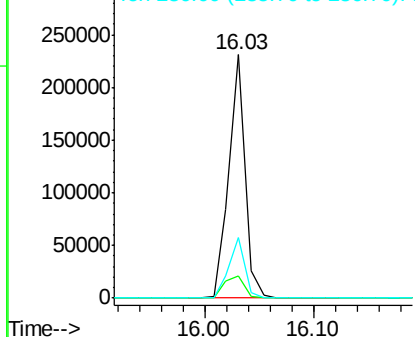


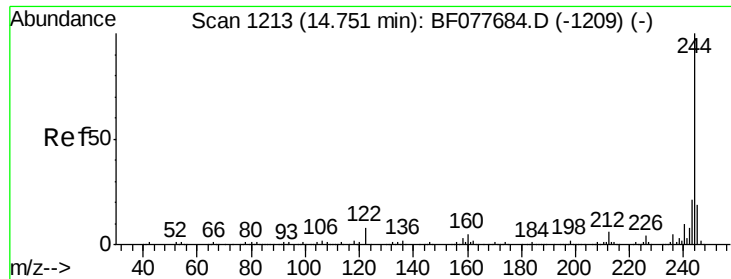
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077694.D
Acq: 11 Mar 2015 18:35

Tgt Ion:240 Resp: 238302
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 24.6 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: 81.61 ng

RT: 14.75 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF077694.D

Acq: 11 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82059BL

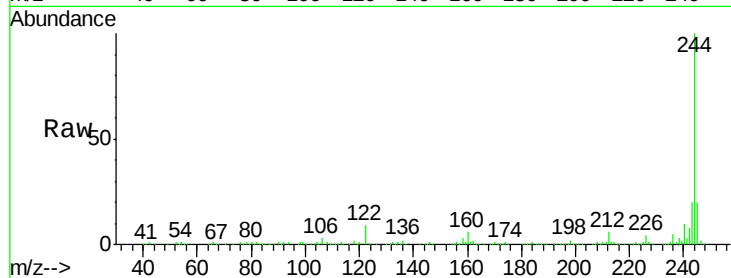
Tot Ion:244 Resp: 796213

Ion Ratio Lower Upper

244 100

212 6.3 4.9 7.3

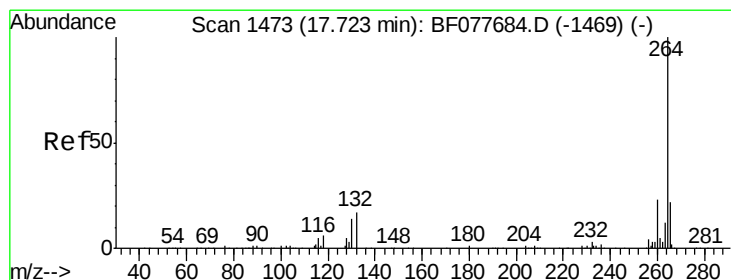
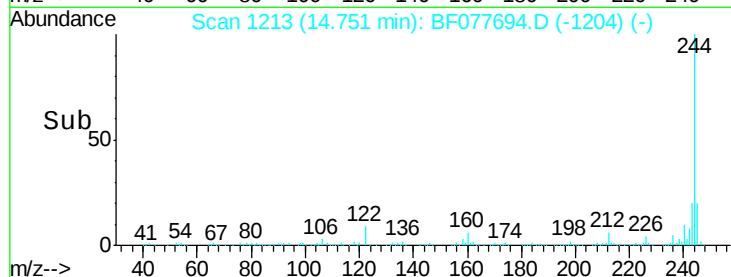
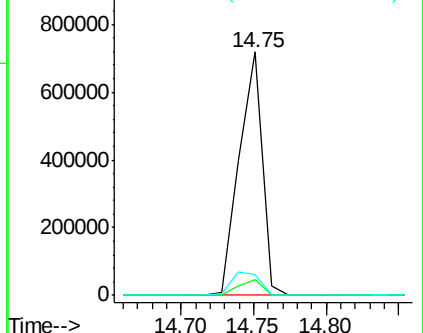
122 8.5 6.2 9.4



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: 17.75 min Scan# 1475

Delta R.T. 0.02 min

Lab File: BF077694.D

Acq: 11 Mar 2015 18:35

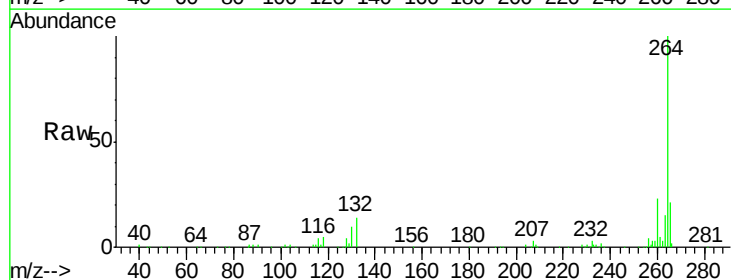
Tgt Ion:264 Resp: 222709

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 20.8 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

