

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 04:25:06 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

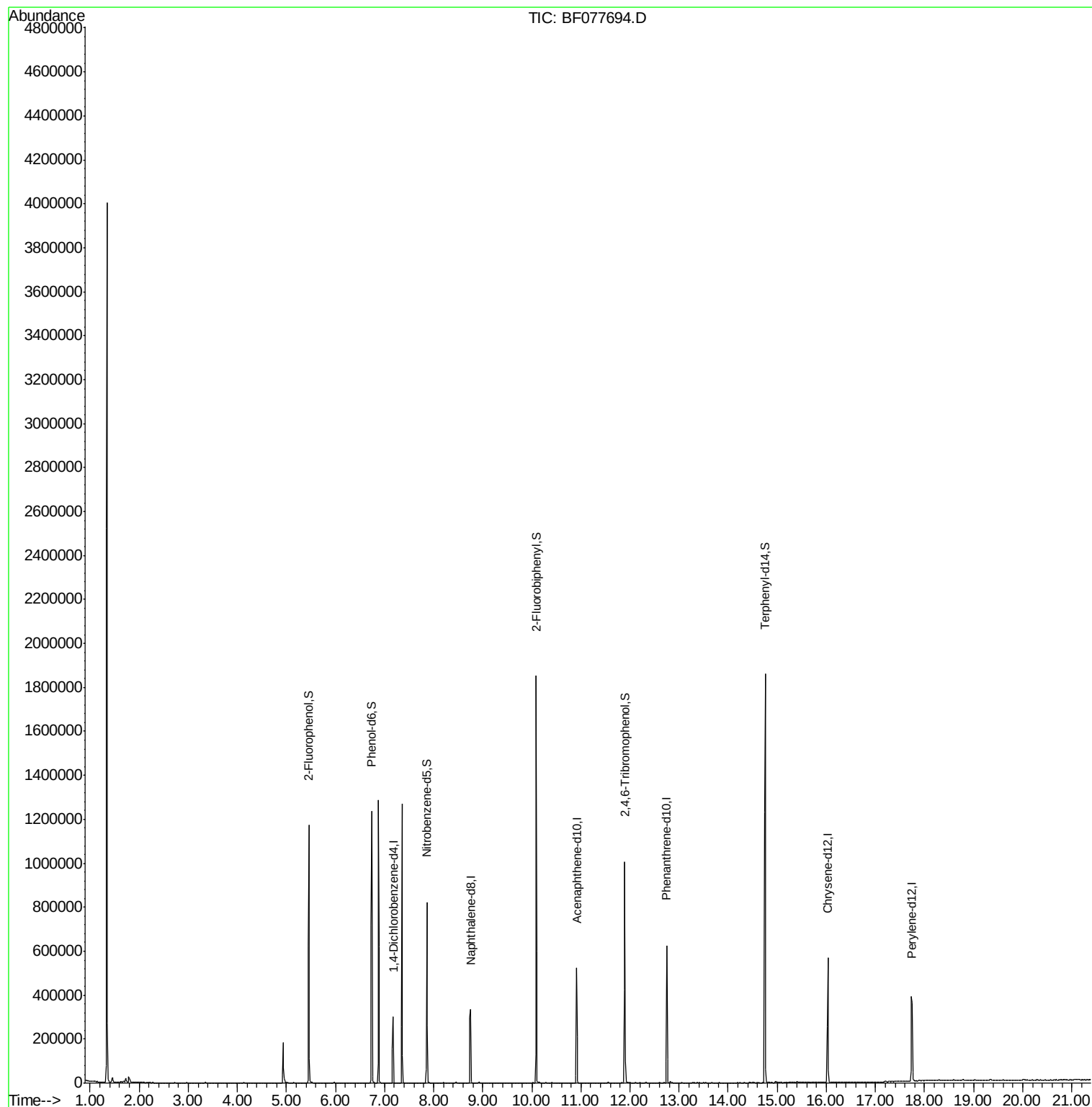
Target Compounds	Qvalue
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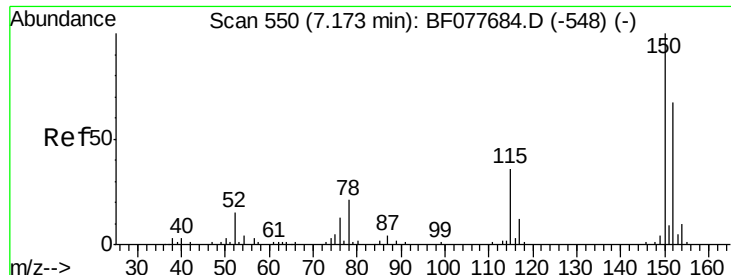
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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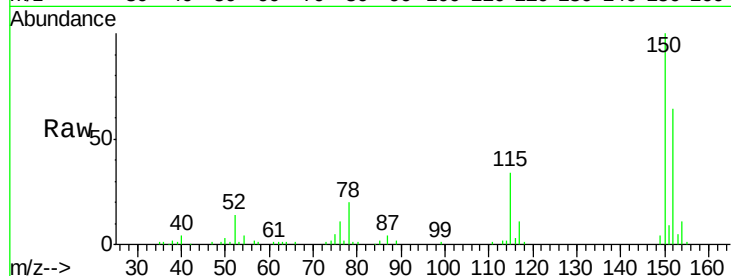


#1

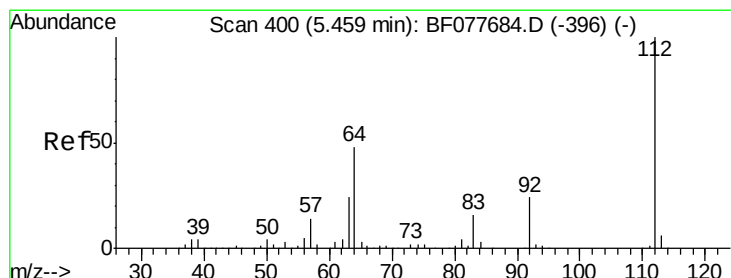
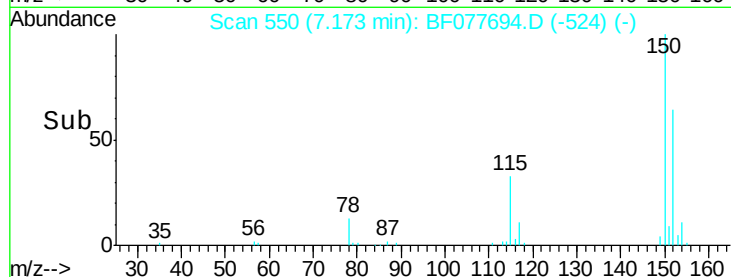
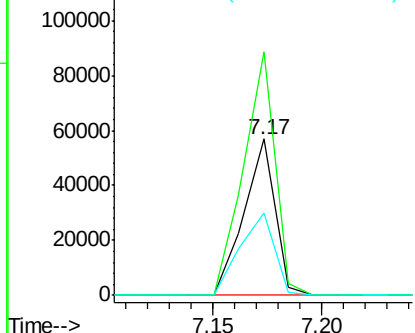
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF077694.D
Acq: 11 Mar 2015 18:35

Instrument :
BNA_F
ClientSampleId :
PB82059BL

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



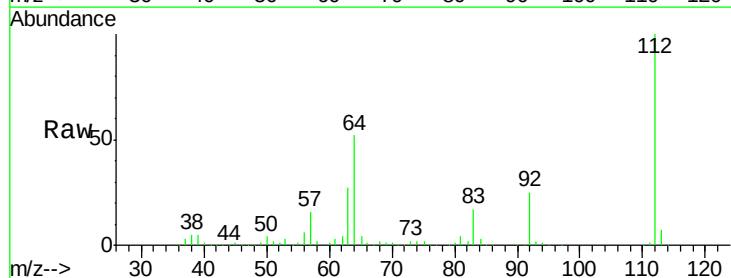
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



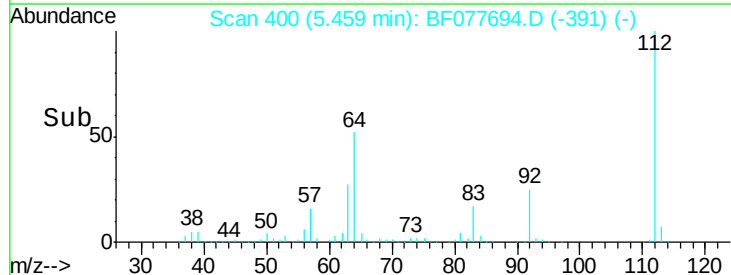
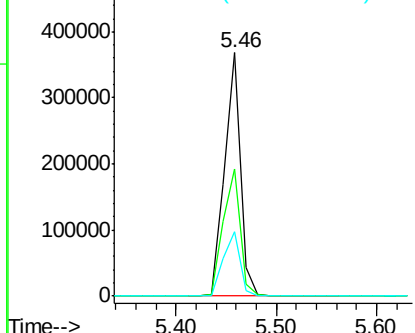
#5

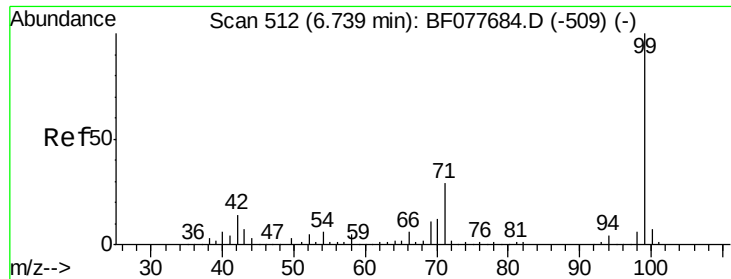
2-Fluorophenol
Concen: 124.88 ng
RT: 5.46 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF077694.D
Acq: 11 Mar 2015 18:35

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

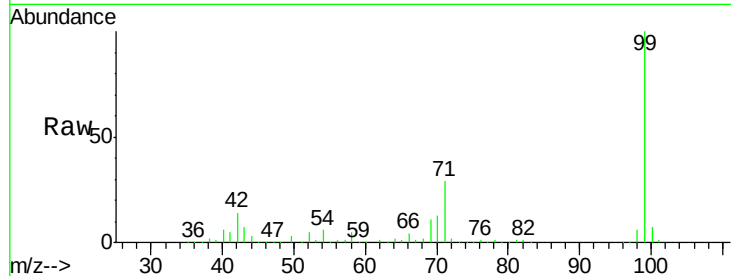
Tgt Ion: 99 Resp: 529668

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

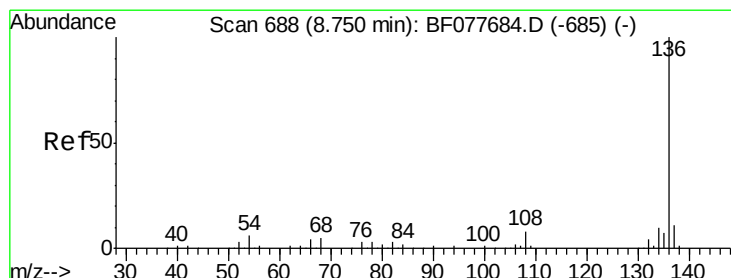
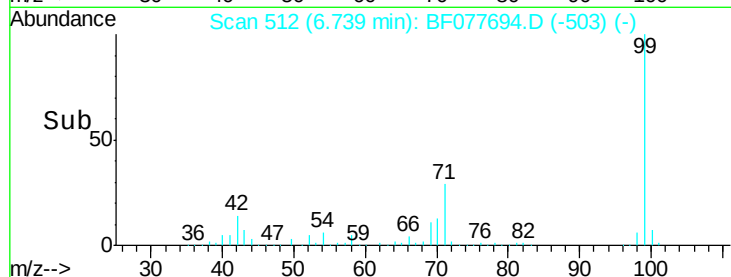
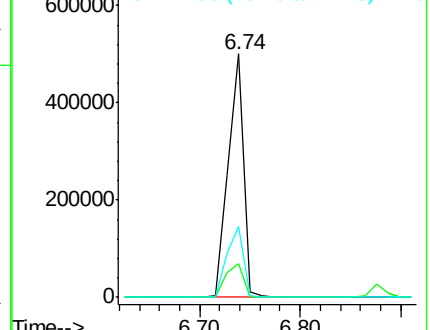
71 29.2 23.4 35.2



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

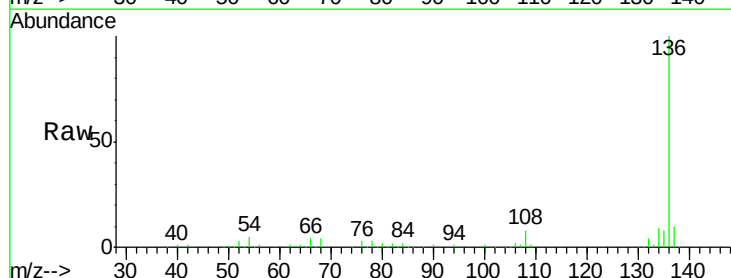
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.2 4.6 6.8

68 4.3 3.7 5.5

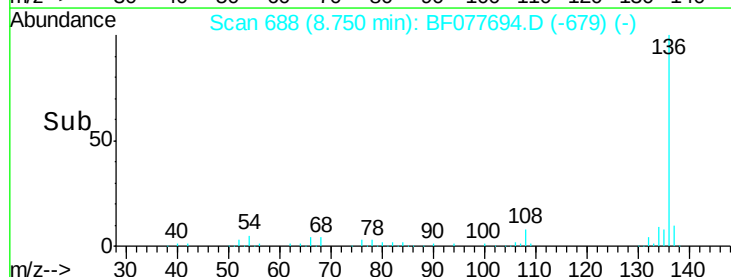
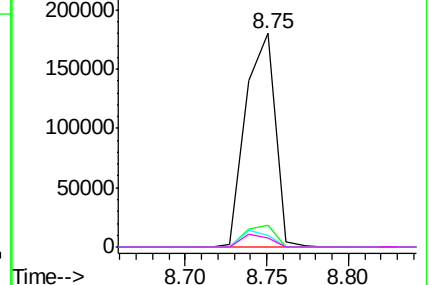


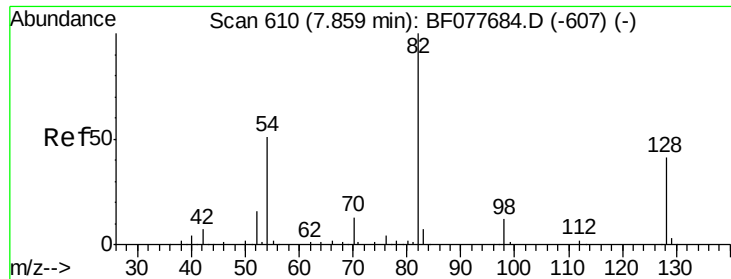
Abundance Ion 136.00 (135.70 to 136.70): E

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

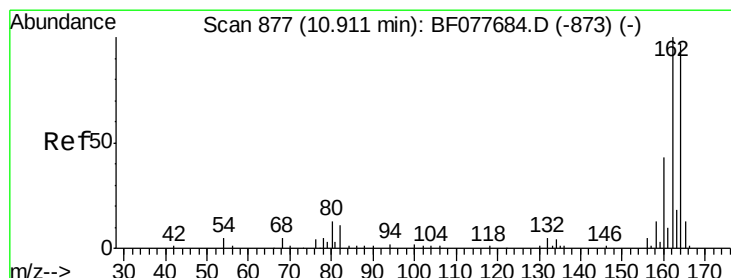
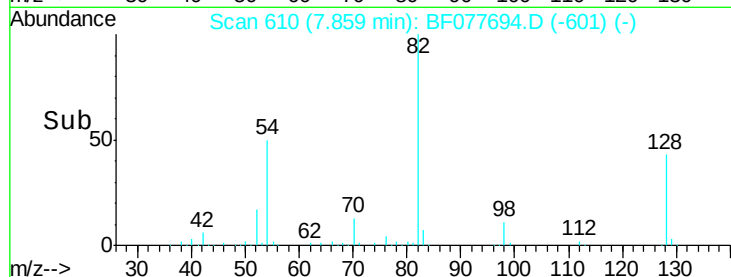
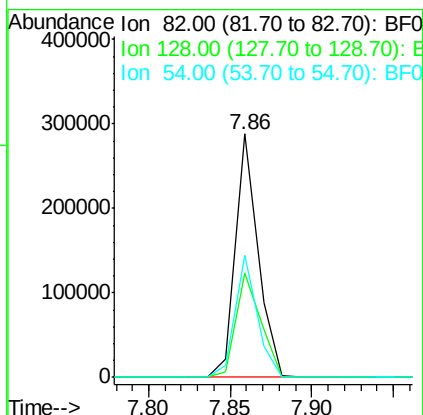
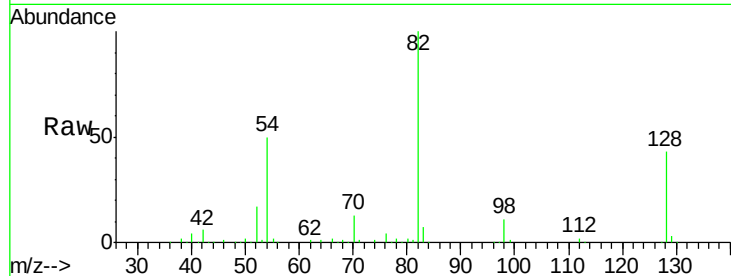




#23
Nitrobenzene-d5
Concen: 79.94 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077694.D
Acq: 11 Mar 2015 18:35

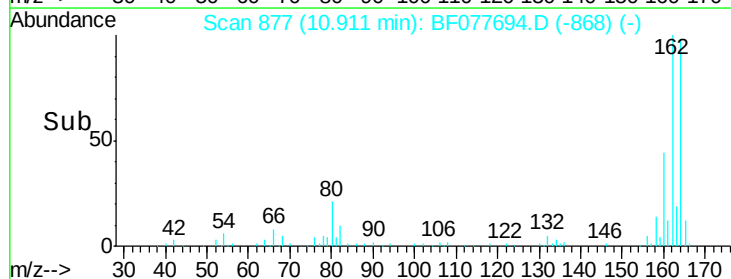
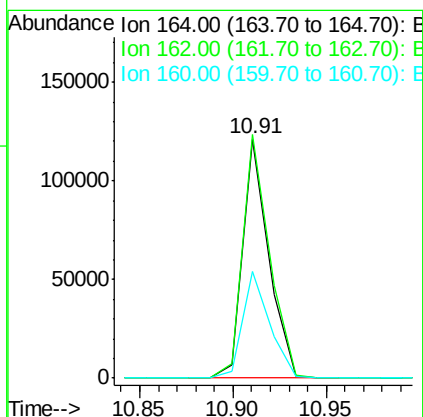
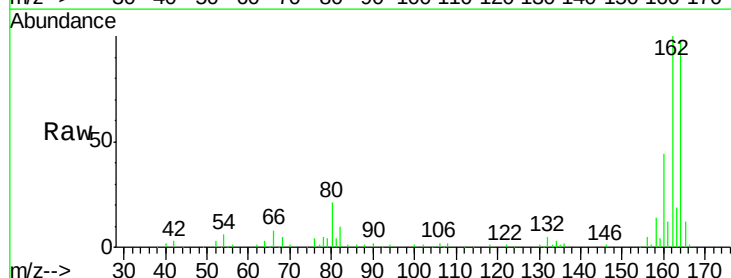
Instrument :
BNA_F
ClientSampleId :
PB82059BL

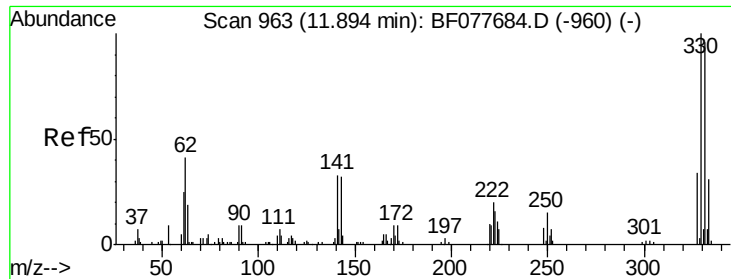
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.8	49.2
54	50.3	40.6	60.8



#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	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	44.8	35.8	53.6

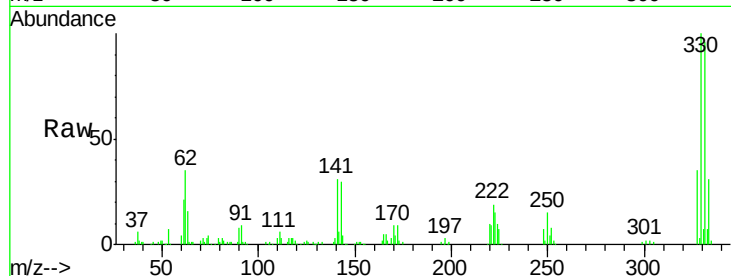




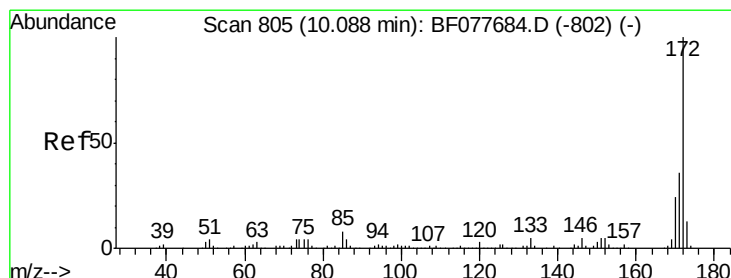
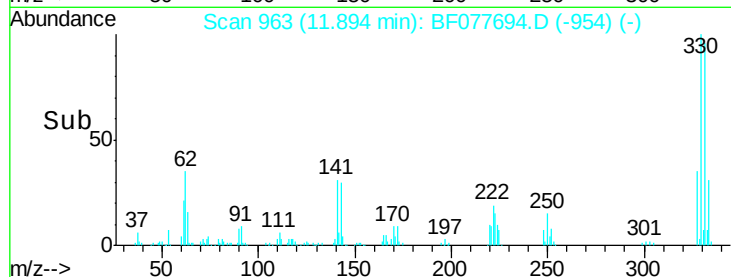
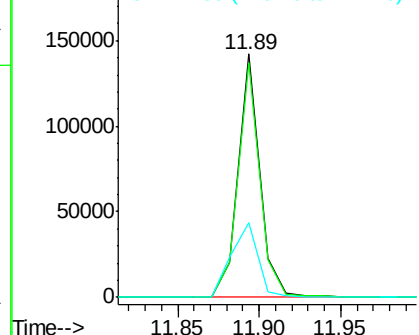
#41
 2,4,6-Tribromophenol
 Concen: 116.84 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077694.D
 Acq: 11 Mar 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82059BL

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

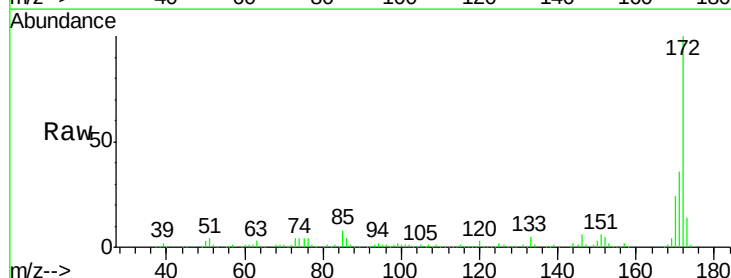


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

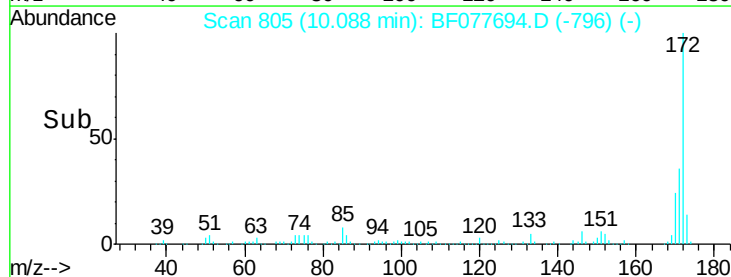
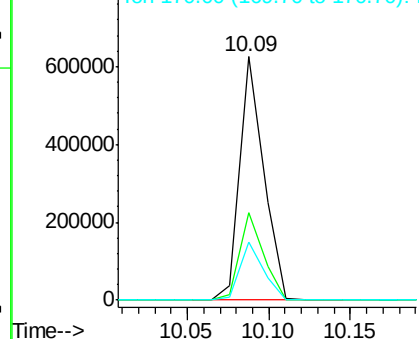


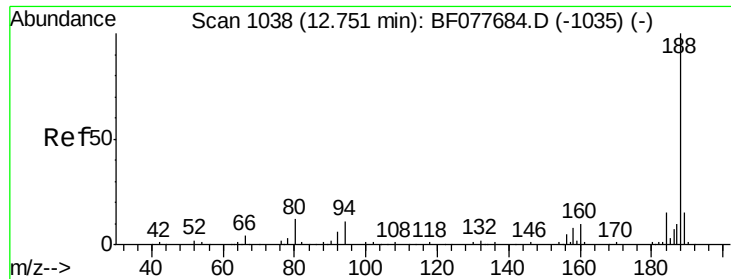
#44
 2-Fluorobiphenyl
 Concen: 79.22 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077694.D
 Acq: 11 Mar 2015 18:35

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

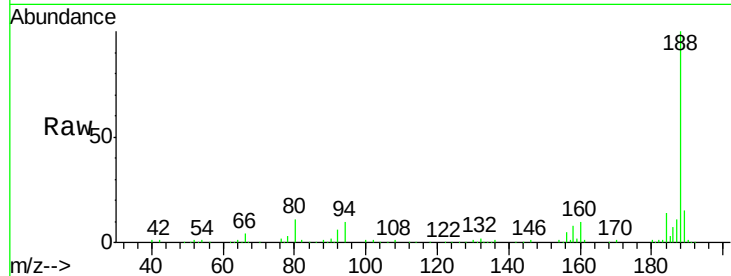
Tgt Ion:188 Resp: 236292

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

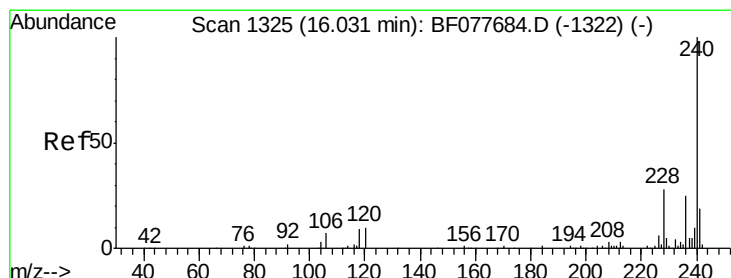
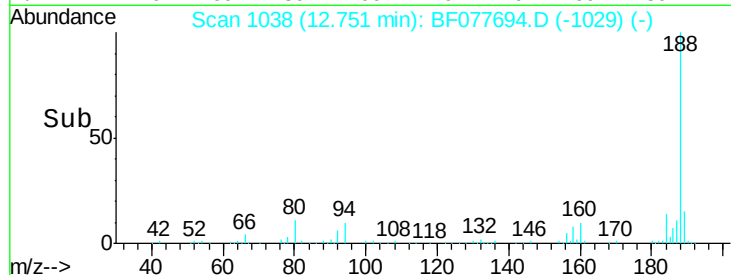
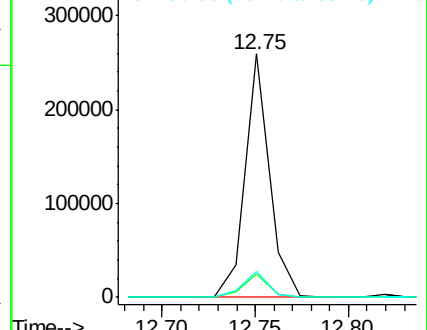
80 10.9 9.3 13.9



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

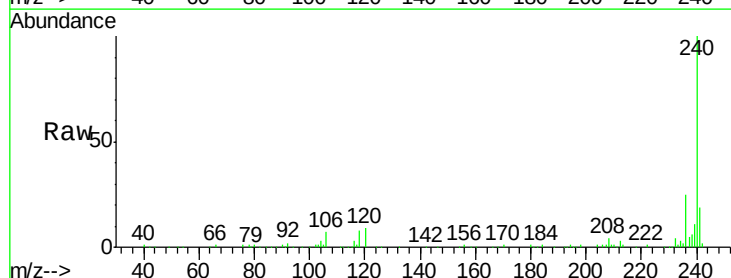
Tgt Ion:240 Resp: 238302

Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

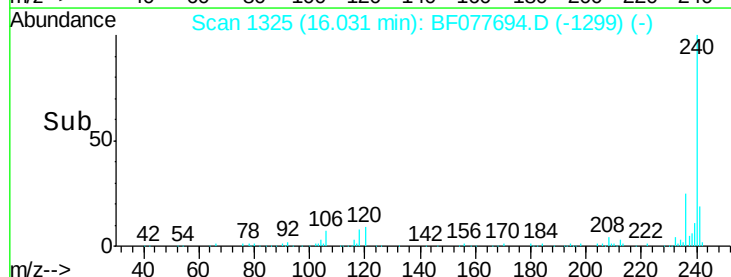
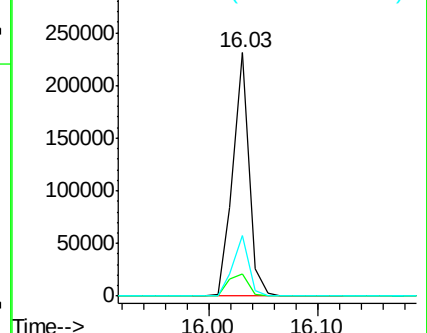
236 24.6 20.0 30.0

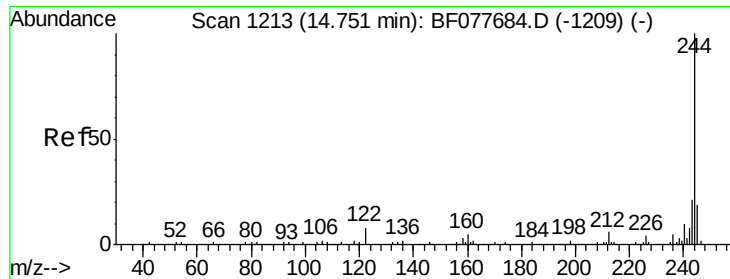


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

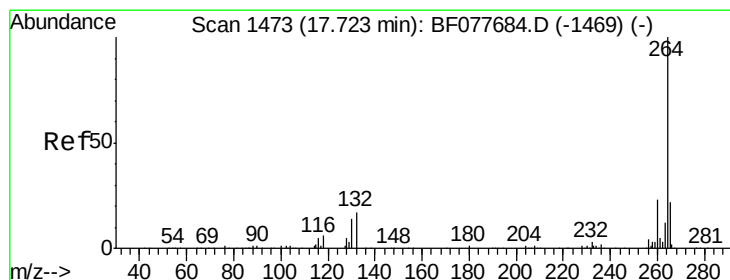
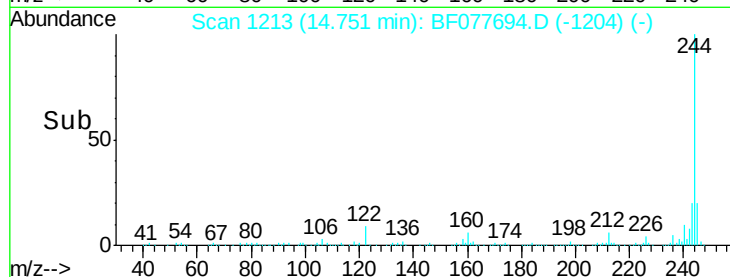
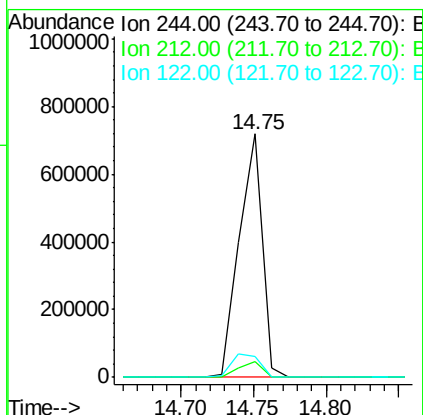
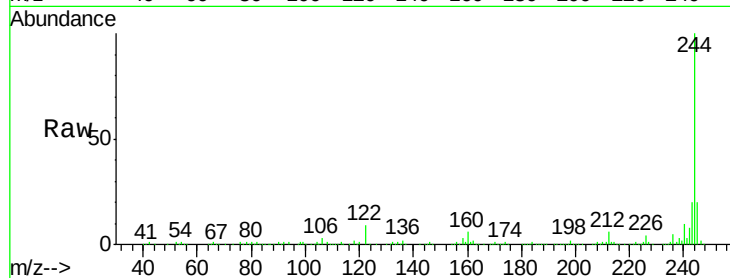




#78
 Terphenyl-d14
 Concen: 81.61 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF077694.D
 Acq: 11 Mar 2015 18:35

Instrument :
 BNA_F
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 PB82059BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	4.9	7.3
122	8.5	6.2	9.4



#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	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	20.8	17.3	25.9

