

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF077999.D
 Acq On : 26 Mar 2015 17:04
 Operator : TP/IZ
 Sample : PB82347BL
 Misc : LOD/LOQ-WATER-BLK
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82347BL

Quant Time: Mar 27 05:29:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	34226	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	136673	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	65504	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	140273	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	149157	20.00	ng	-0.06
86) Perylene-d12	17.68	264	140946	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	223934	114.21	ng	0.00
7) Phenol-d6	6.67	99	271778	112.19	ng	-0.01
23) Nitrobenzene-d5	7.79	82	155112	74.40	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	64573	103.03	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	359503	80.66	ng	0.00
78) Terphenyl-d14	14.67	244	464345	76.04	ng	-0.01

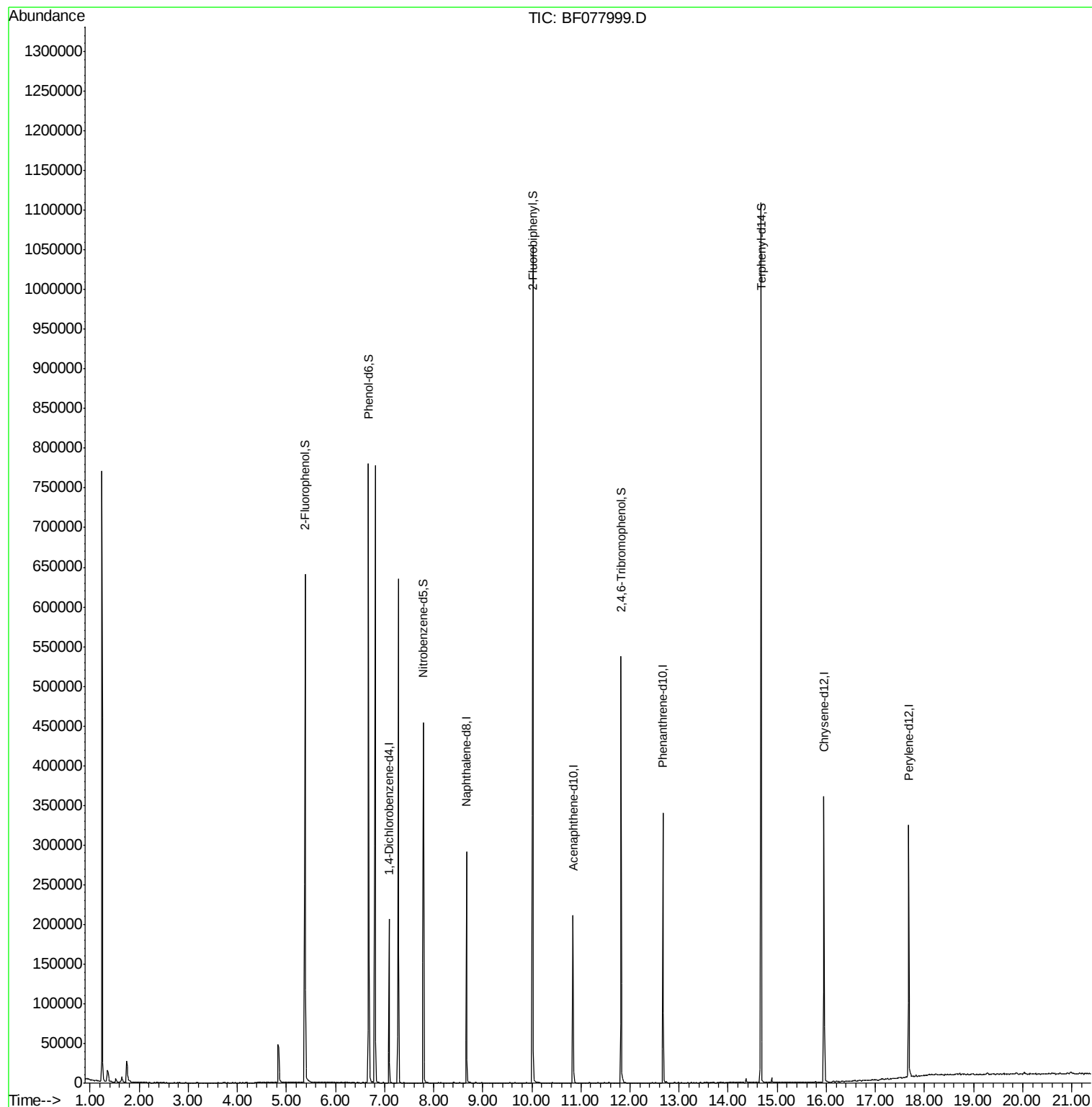
Target Compounds	Qvalue
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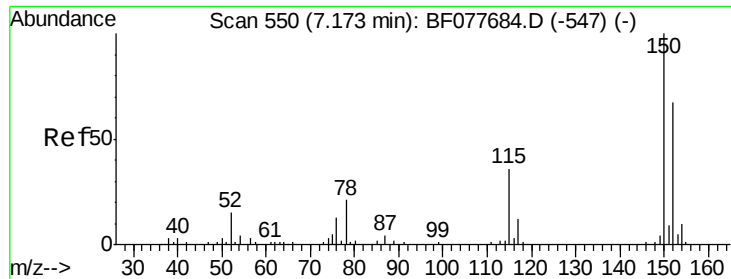
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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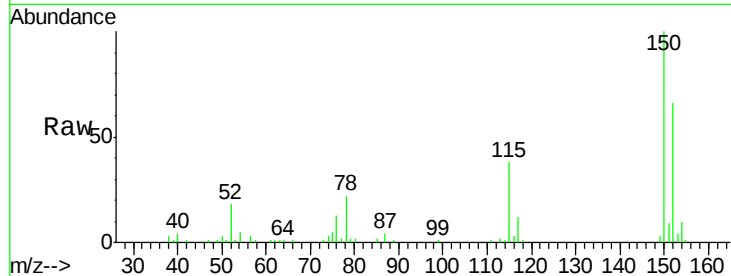


#1

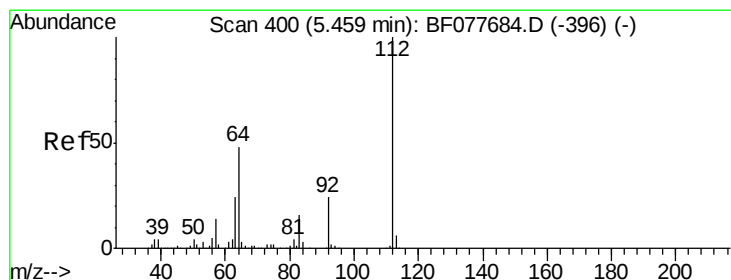
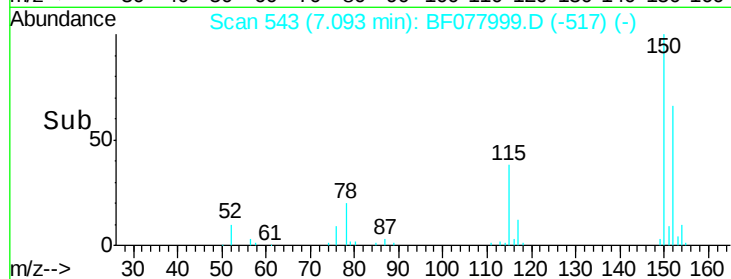
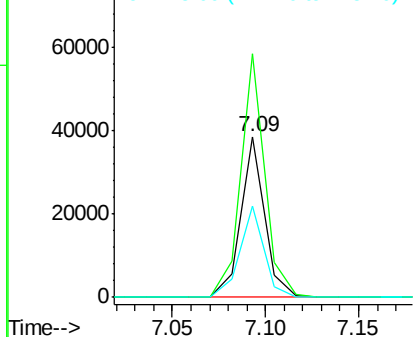
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF077999.D
Acq: 26 Mar 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB82347BL

Tgt Ion:152 Resp: 34226
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 57.0 43.0 64.4



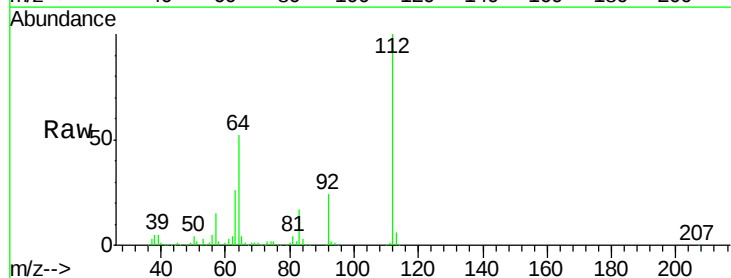
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



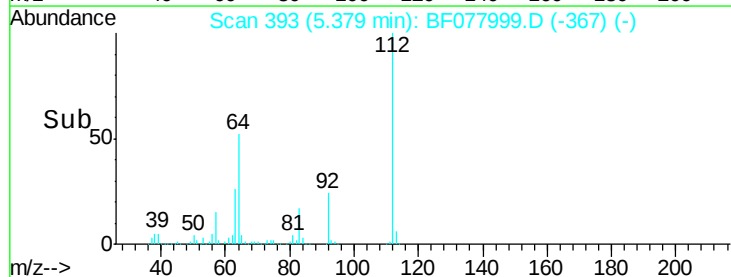
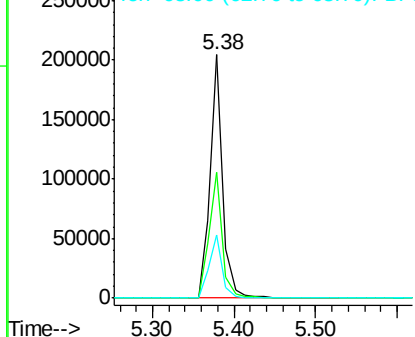
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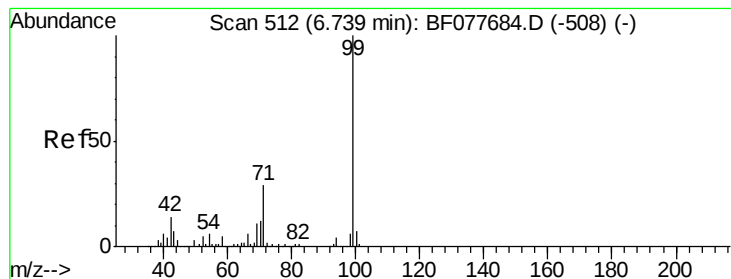
2-Fluorophenol
Concen: 114.21 ng
RT: 5.38 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF077999.D
Acq: 26 Mar 2015 17:04

Tgt Ion:112 Resp: 223934
Ion Ratio Lower Upper
112 100
64 51.7 38.6 57.8
63 26.2 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: 112.19 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF077999.D

Acq: 26 Mar 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB82347BL

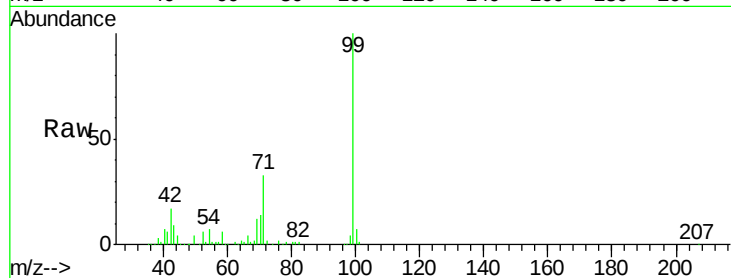
Tgt Ion: 99 Resp: 271778

Ion Ratio Lower Upper

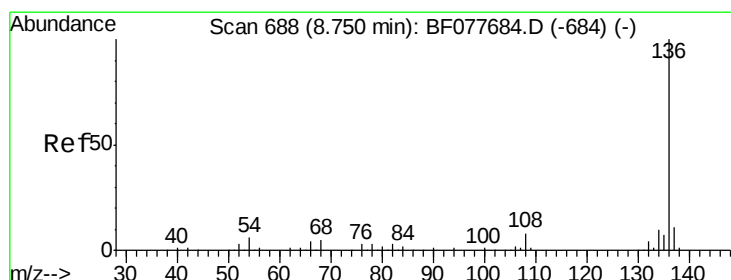
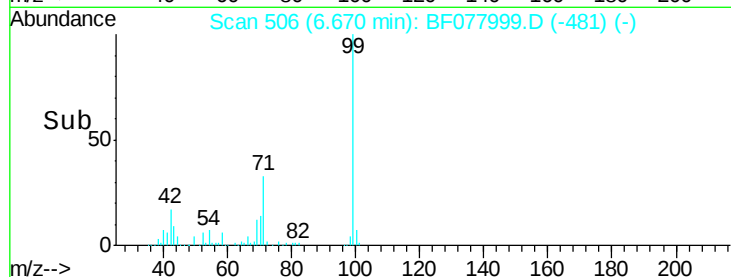
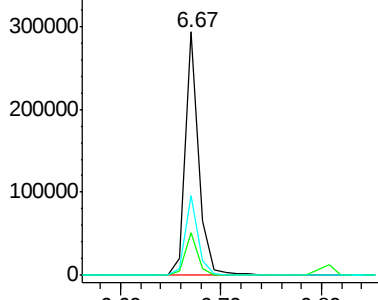
99 100

42 17.4 11.0 16.4#

71 32.6 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: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF077999.D

Acq: 26 Mar 2015 17:04

Tgt Ion: 136 Resp: 136673

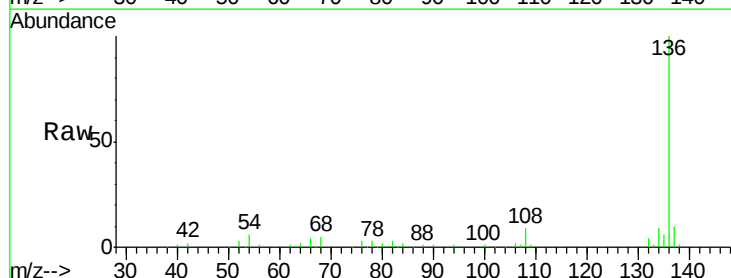
Ion Ratio Lower Upper

136 100

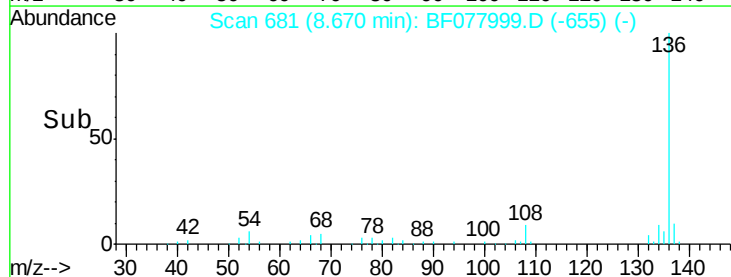
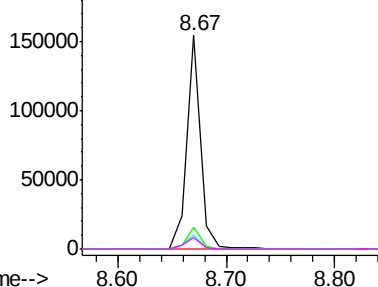
137 10.2 8.7 13.1

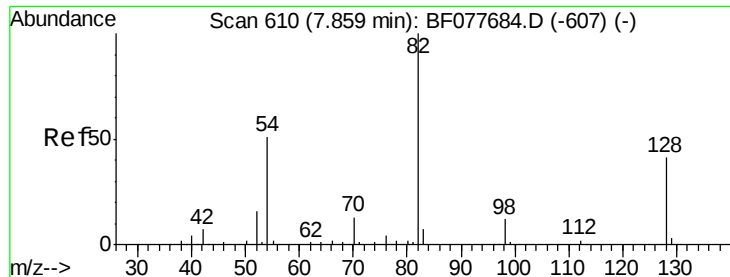
54 6.5 4.6 6.8

68 5.3 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

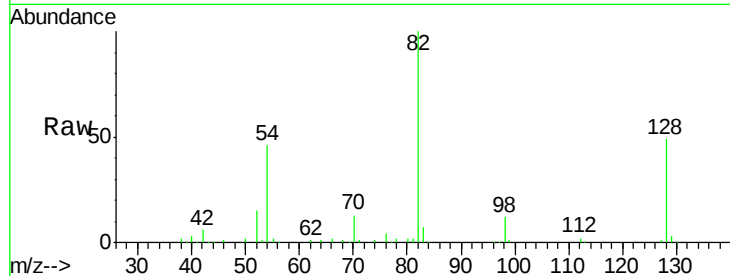




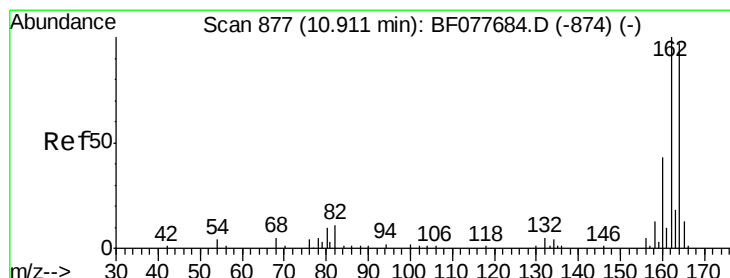
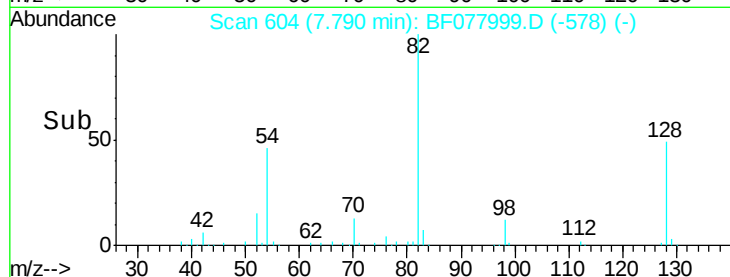
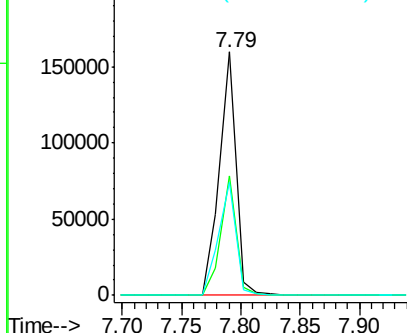
#23
 Nitrobenzene-d5
 Concen: 74.40 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82347BL

Tgt Ion: 82 Resp: 155112
 Ion Ratio Lower Upper
 82 100
 128 49.0 32.8 49.2
 54 46.3 40.6 60.8

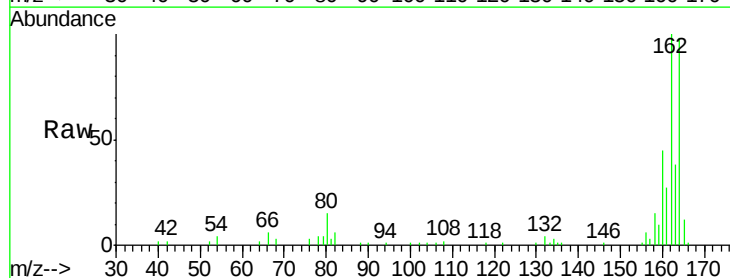


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

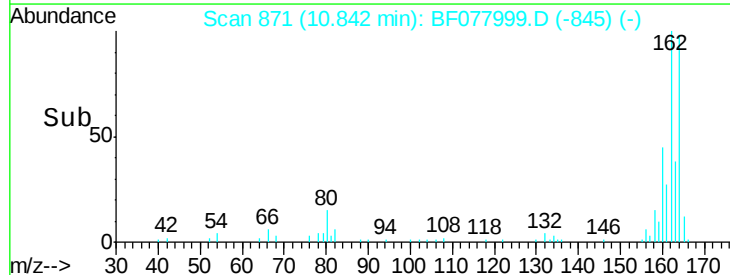
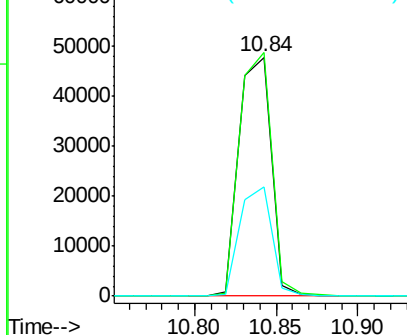


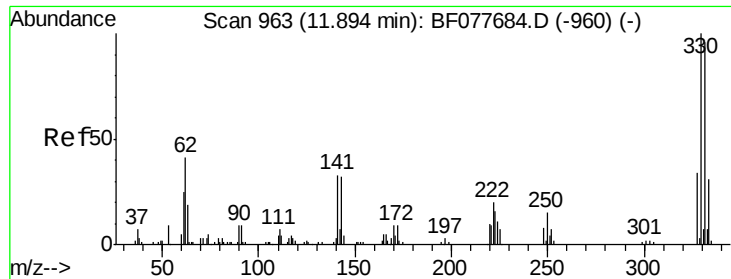
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Tgt Ion: 164 Resp: 65504
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.4 123.6
 160 45.6 35.8 53.6



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

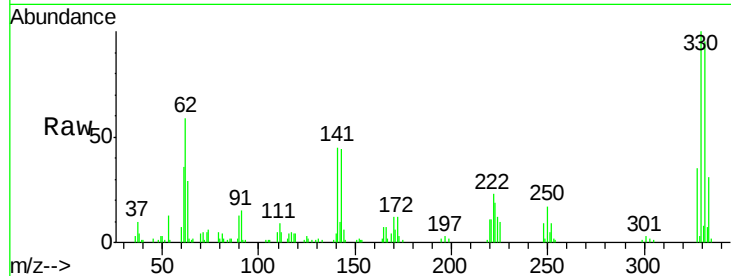




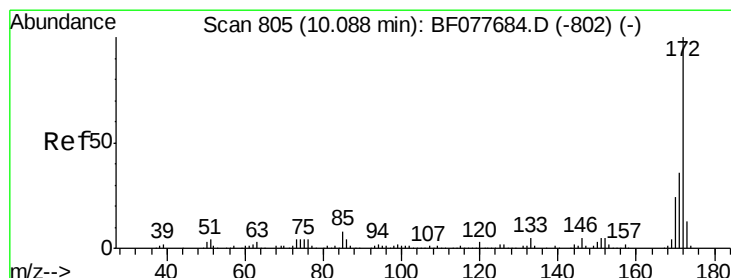
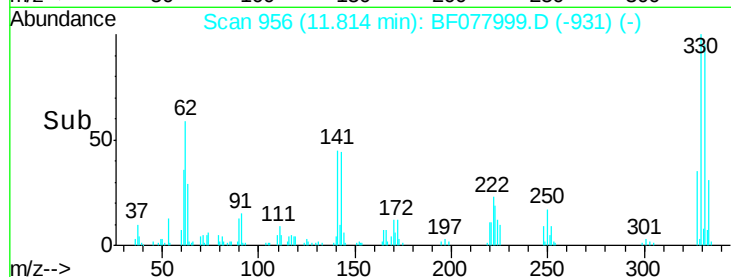
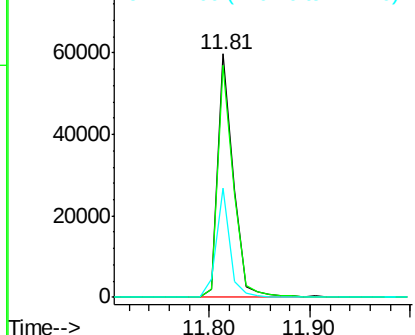
#41
 2,4,6-Tribromophenol
 Concen: 103.03 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82347BL

Tgt Ion:330 Resp: 64573
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 38.5 0.0 0.0#

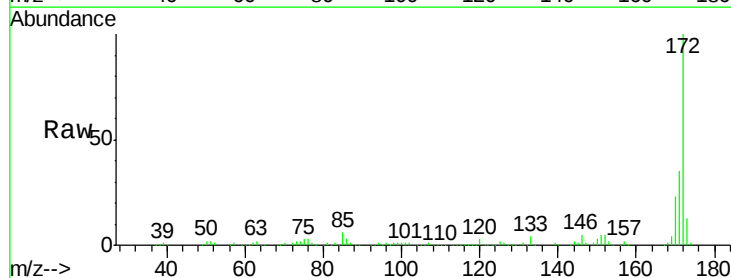


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

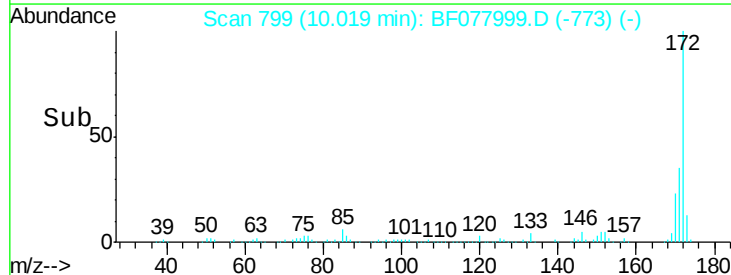
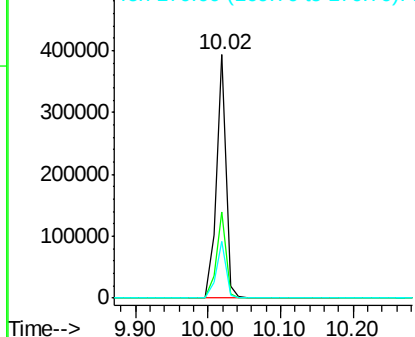


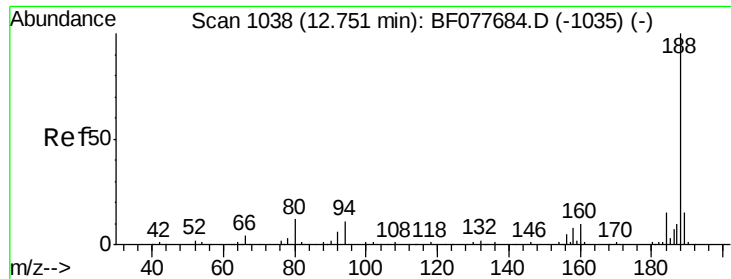
#44
 2-Fluorobiphenyl
 Concen: 80.66 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Tgt Ion:172 Resp: 359503
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.2 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: 12.67 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF077999.D

Acq: 26 Mar 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB82347BL

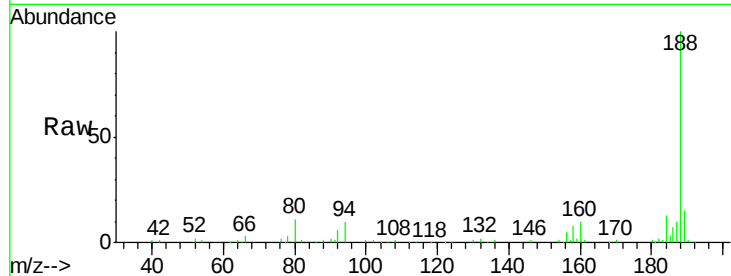
Tgt Ion:188 Resp: 140273

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

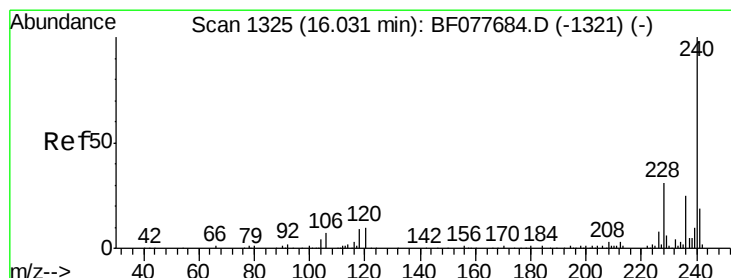
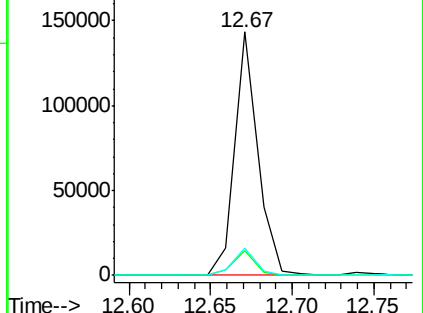
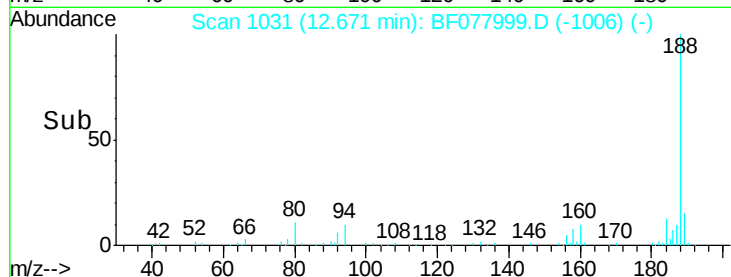
80 11.1 9.3 13.9



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: 15.95 min Scan# 1318

Delta R.T. -0.06 min

Lab File: BF077999.D

Acq: 26 Mar 2015 17:04

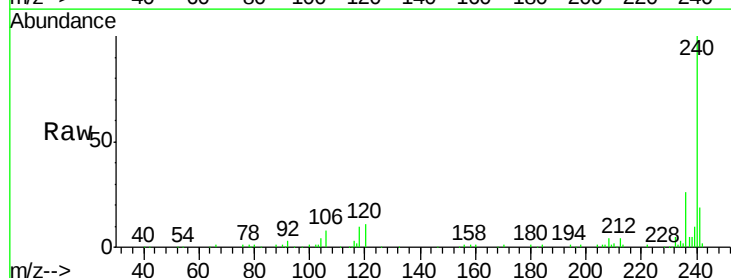
Tgt Ion:240 Resp: 149157

Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

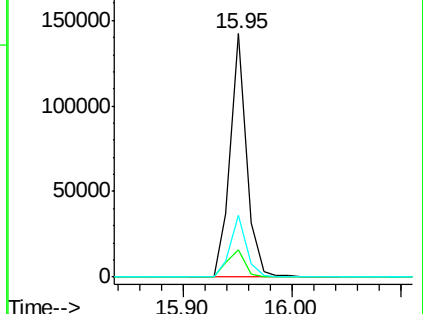
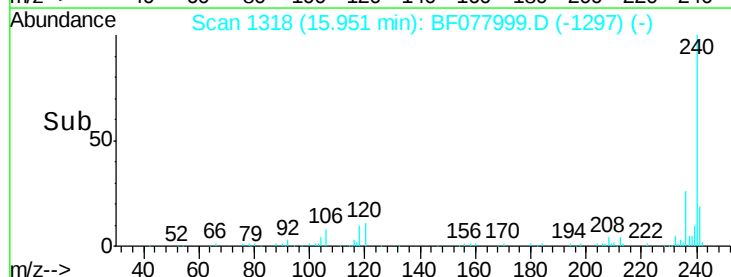
236 25.6 20.0 30.0

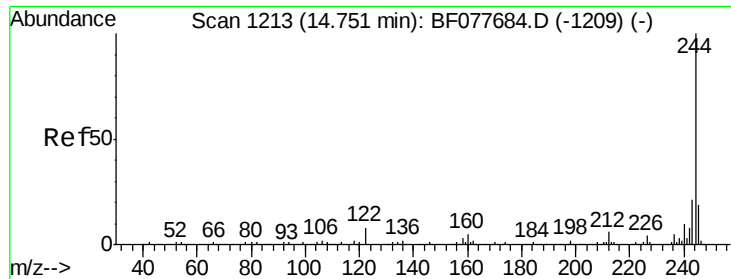


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

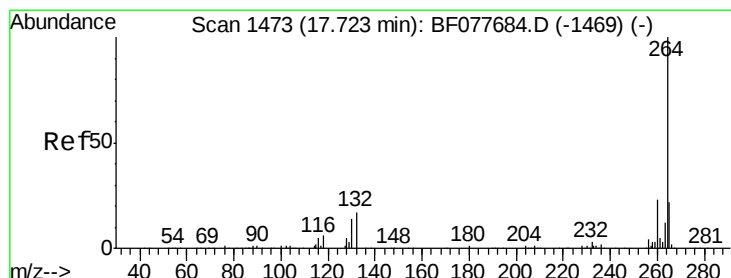
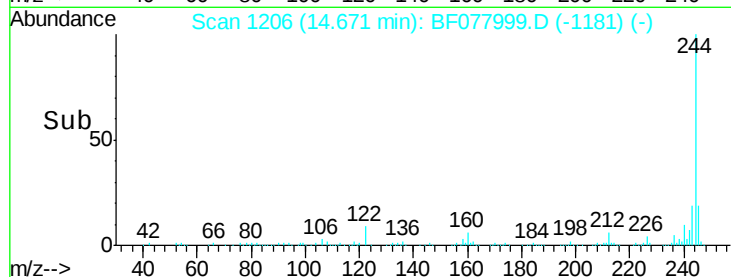
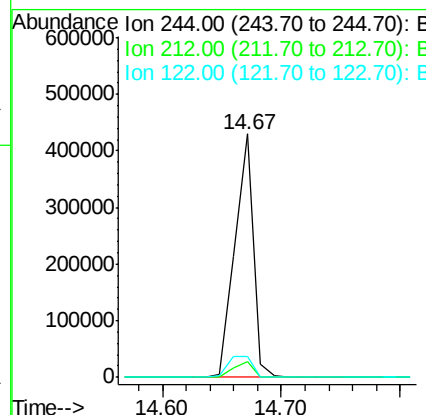
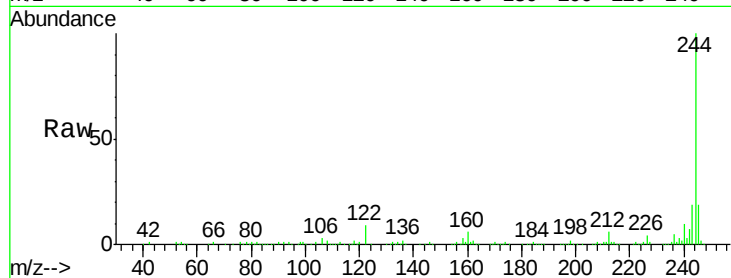




#78
 Terphenyl-d14
 Concen: 76.04 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB82347BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	4.9	7.3
122	8.8	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. -0.22 min
 Lab File: BF077999.D
 Acq: 26 Mar 2015 17:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.6	17.3	25.9

