

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077338.D
 Acq On : 18 Feb 2015 3:09
 Operator : TP/IZ
 Sample : PB81762BL
 Misc : W
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81762BL

Quant Time: Feb 18 05:01:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 02:50:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	57412	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	233758	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	111366	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	229957	20.00	ng	0.00
75) Chrysene-d12	16.27	240	216138	20.00	ng	0.00
86) Perylene-d12	18.02	264	211843	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	432282	128.67	ng	0.01
7) Phenol-d6	6.92	99	566805	129.15	ng	0.00
23) Nitrobenzene-d5	8.06	82	293122	86.84	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	141715	136.55	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	721033	97.60	ng	0.00
78) Terphenyl-d14	14.98	244	869517	91.46	ng	0.00

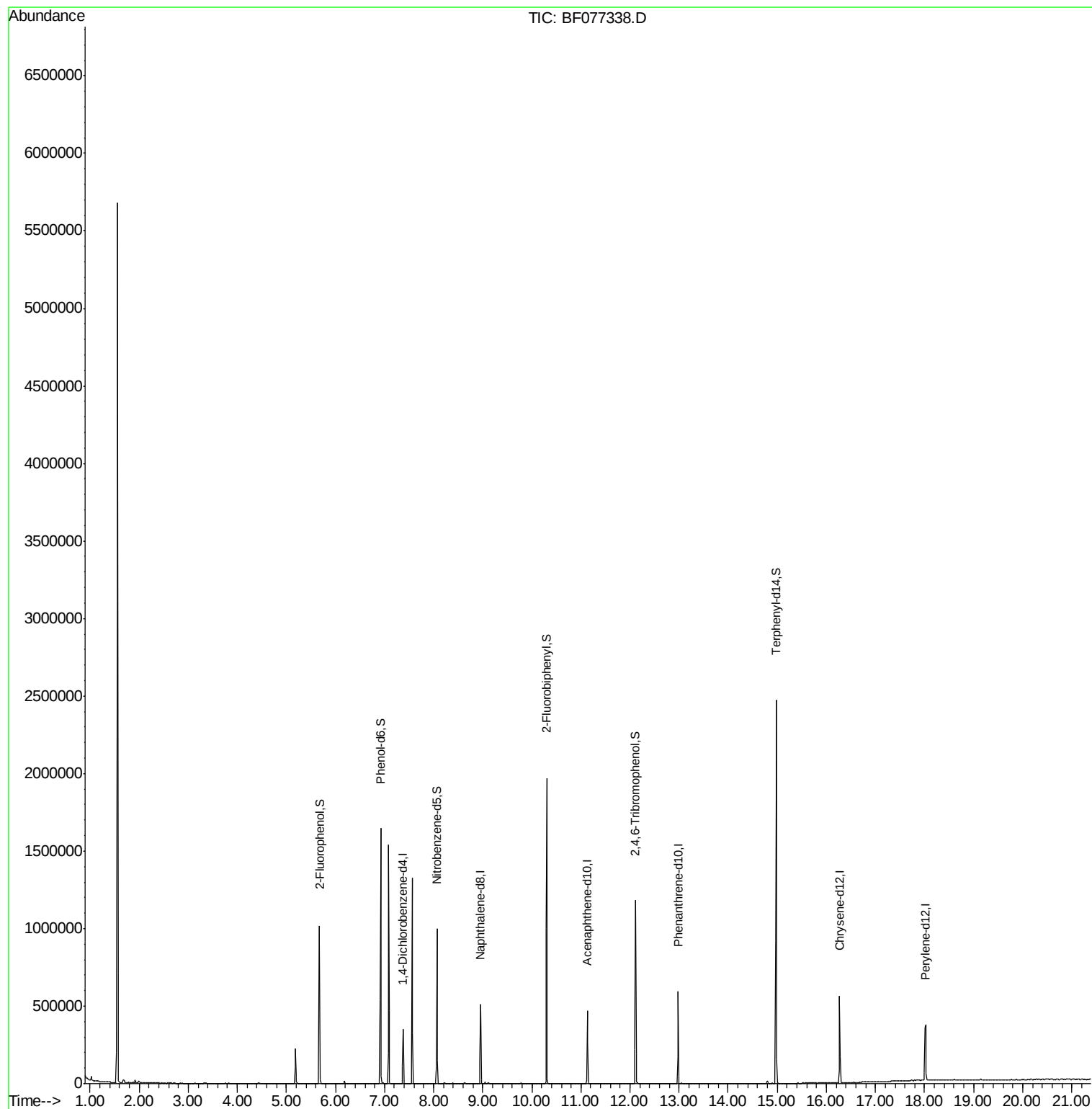
Target Compounds	Qvalue
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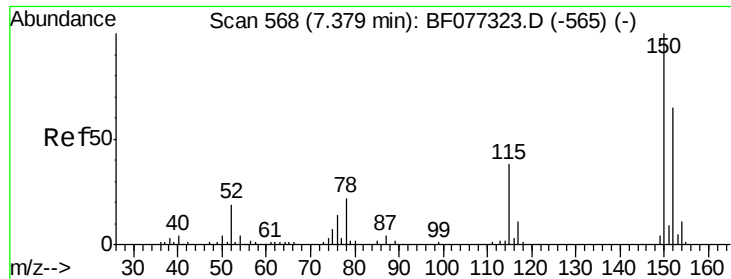
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF077338.D

Acq: 18 Feb 2015 3:09

Instrument :

BNA_F

ClientSampleId :

PB81762BL

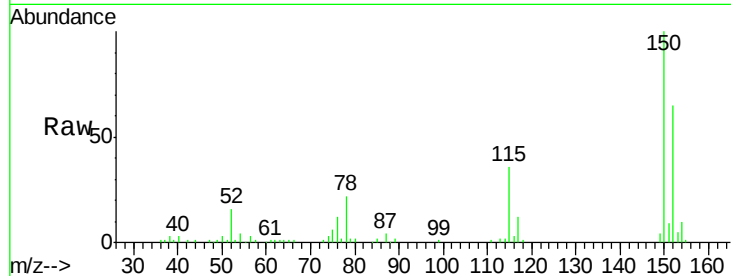
Tgt Ion:152 Resp: 57412

Ion Ratio Lower Upper

152 100

150 154.2 123.1 184.7

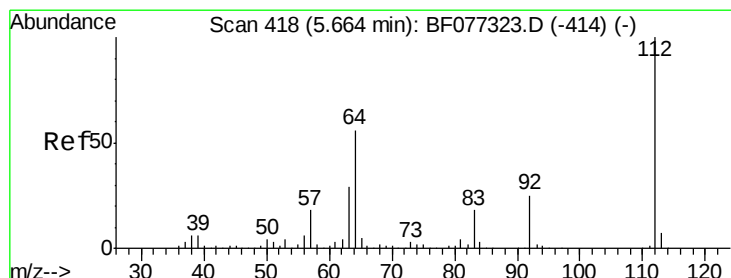
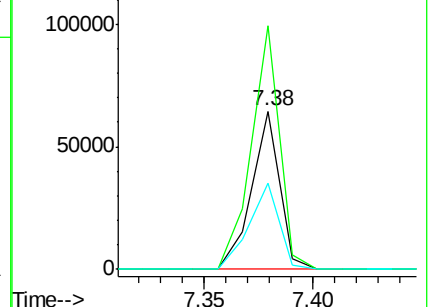
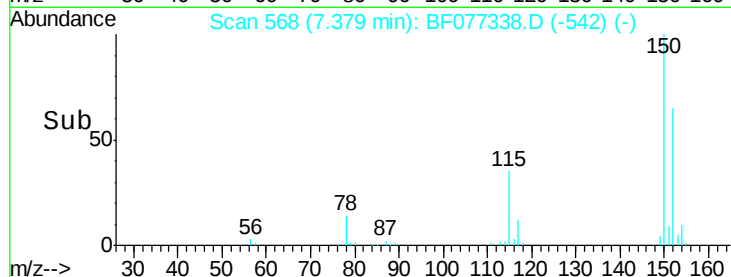
115 54.9 46.2 69.4



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: 128.67 ng

RT: 5.68 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF077338.D

Acq: 18 Feb 2015 3:09

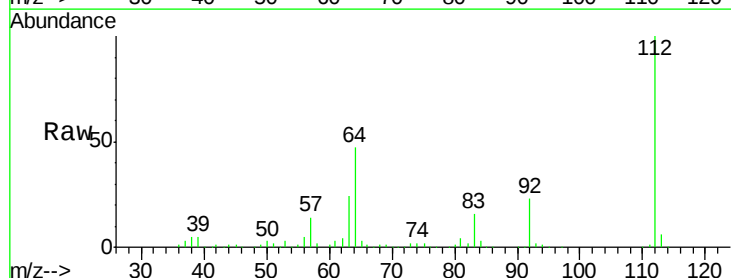
Tgt Ion:112 Resp: 432282

Ion Ratio Lower Upper

112 100

64 47.0 44.7 67.1

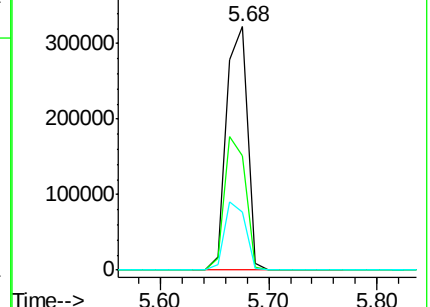
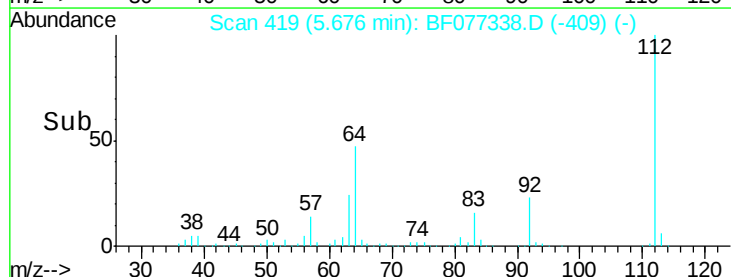
63 23.7 23.3 34.9

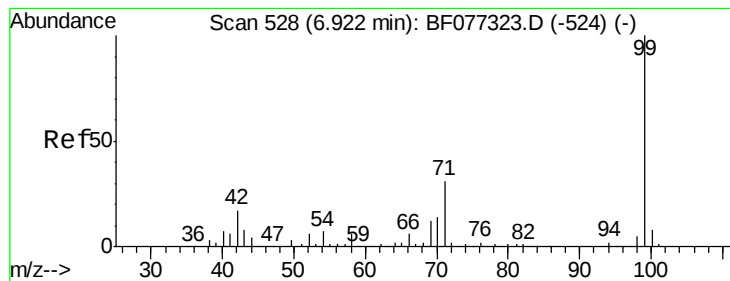


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.15 ng

RT: 6.92 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF077338.D

Acq: 18 Feb 2015 3:09

Instrument :

BNA_F

ClientSampleId :

PB81762BL

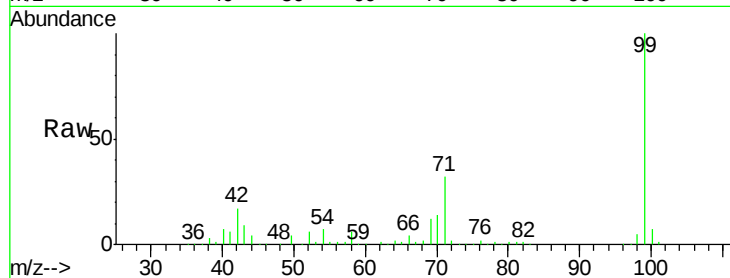
Tgt Ion: 99 Resp: 566805

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.6

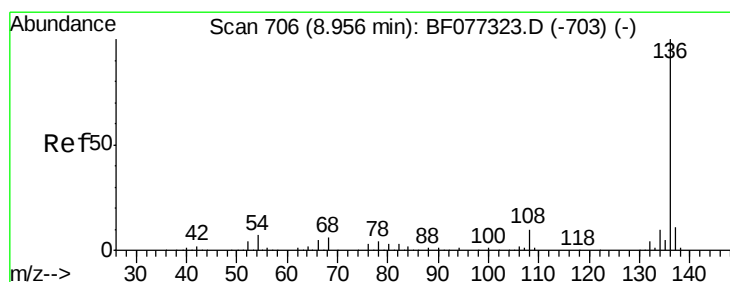
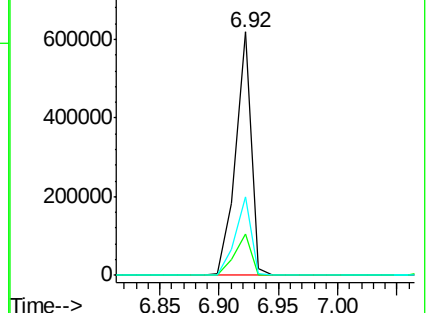
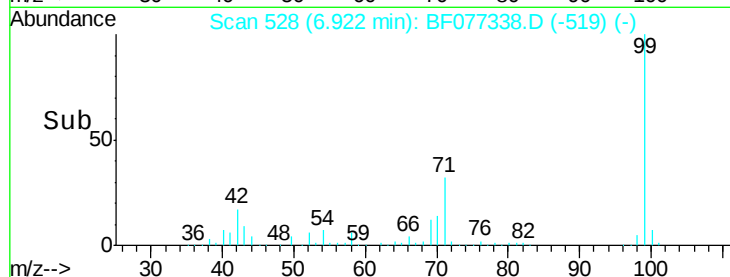
71 32.0 24.6 37.0



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: 8.96 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF077338.D

Acq: 18 Feb 2015 3:09

Tgt Ion: 136 Resp: 233758

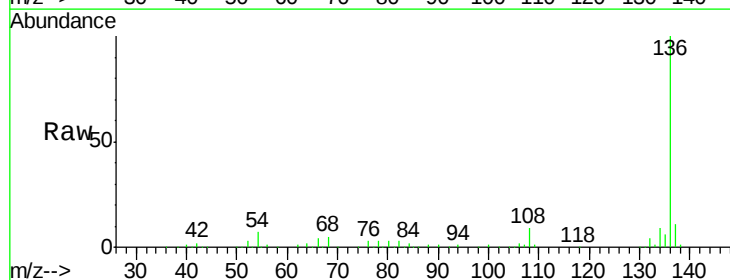
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.6 5.8 8.6

68 5.2 4.6 6.8

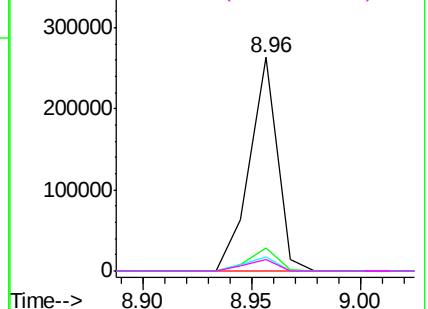
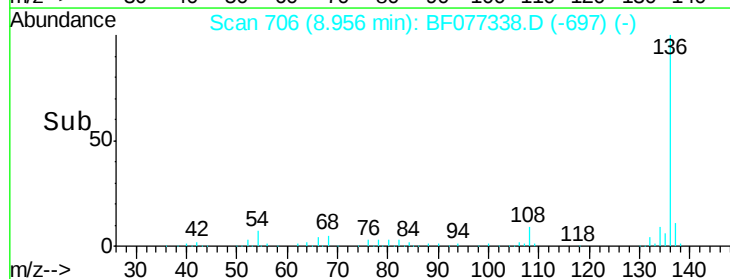


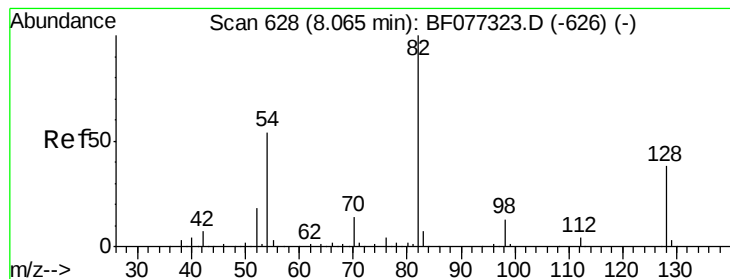
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.84 ng

RT: 8.06 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF077338.D

Acq: 18 Feb 2015 3:09

Instrument :

BNA_F

ClientSampleId :

PB81762BL

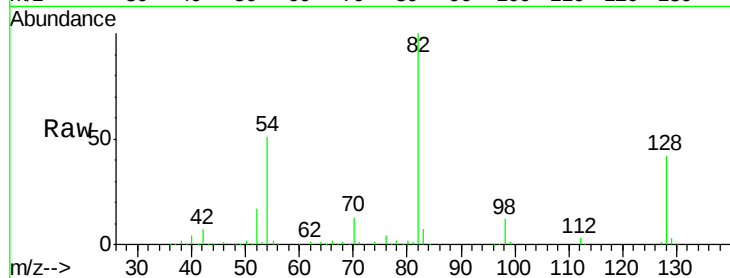
Tgt Ion: 82 Resp: 293122

Ion Ratio Lower Upper

82 100

128 42.4 30.7 46.1

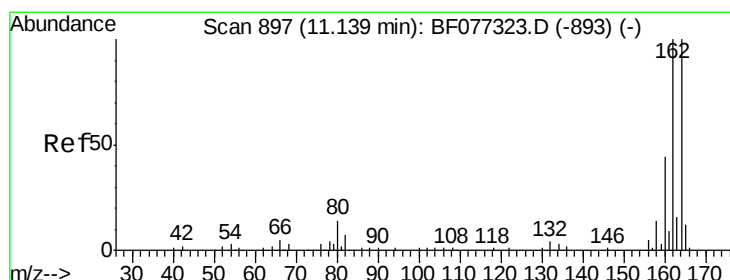
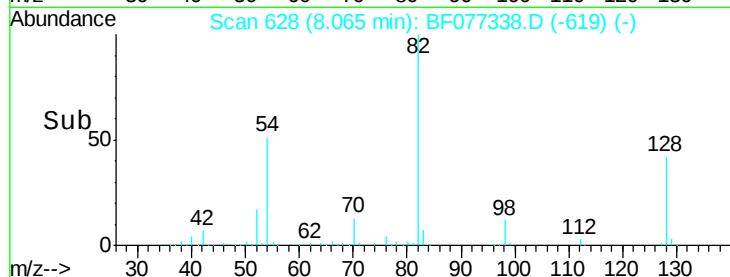
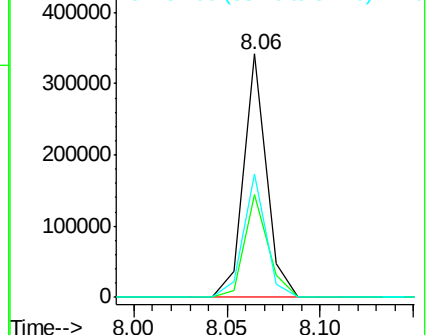
54 50.6 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BF077338.D (-626) (-)

Ion 128.00 (127.70 to 128.70): BF077338.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BF077338.D (-626) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF077338.D

Acq: 18 Feb 2015 3:09

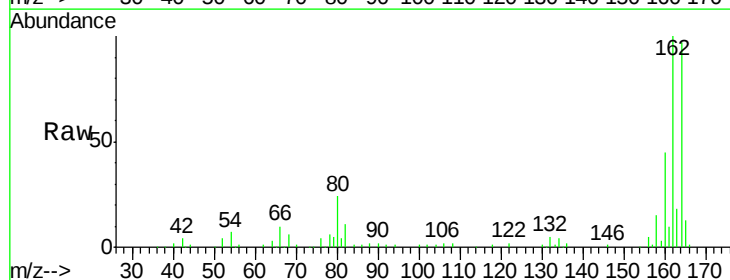
Tgt Ion: 164 Resp: 111366

Ion Ratio Lower Upper

164 100

162 103.4 80.4 120.6

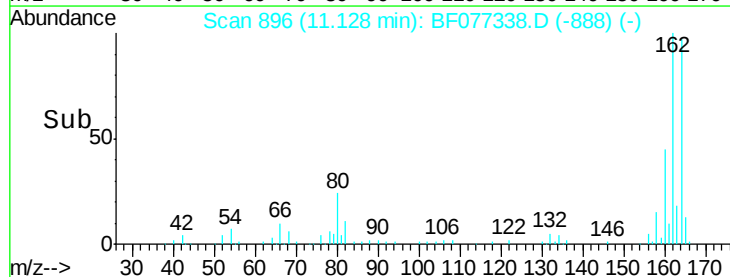
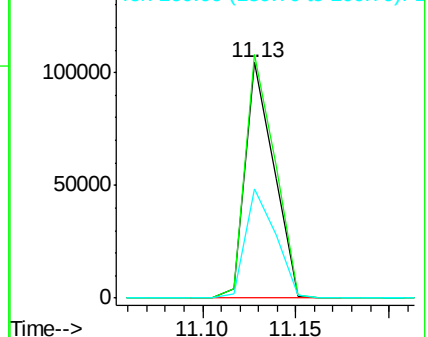
160 46.7 35.3 52.9

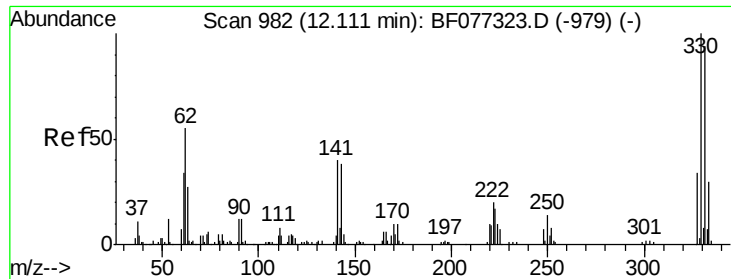


Abundance Ion 164.00 (163.70 to 164.70): BF077338.D (-893) (-)

Ion 162.00 (161.70 to 162.70): BF077338.D (-893) (-)

Ion 160.00 (159.70 to 160.70): BF077338.D (-893) (-)

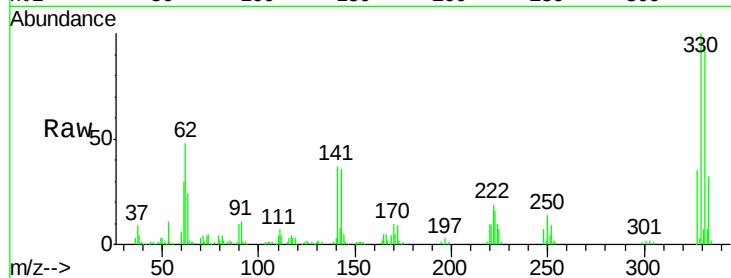




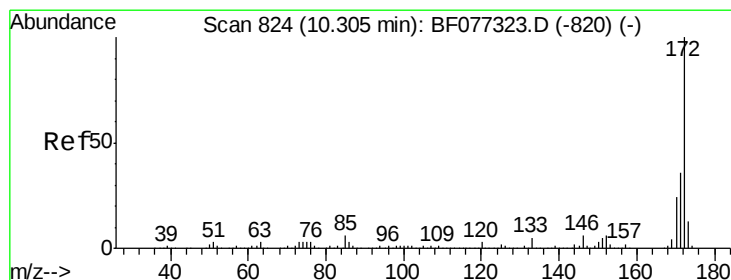
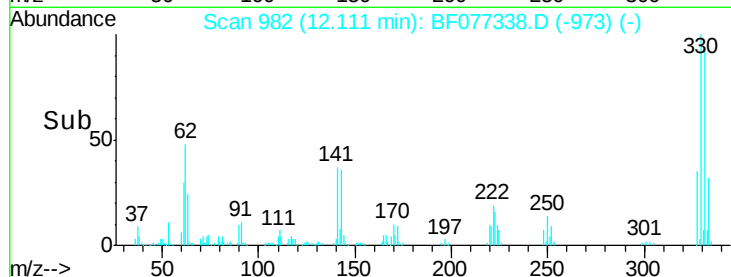
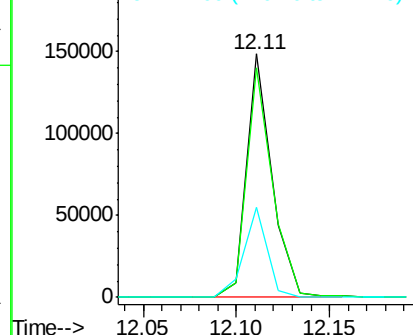
#41
 2,4,6-Tribromophenol
 Concen: 136.55 ng
 RT: 12.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF077338.D
 Acq: 18 Feb 2015 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB81762BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.1	114.1
141	34.6	28.5	42.7

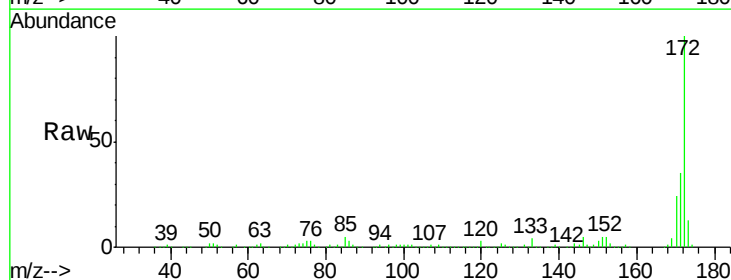


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

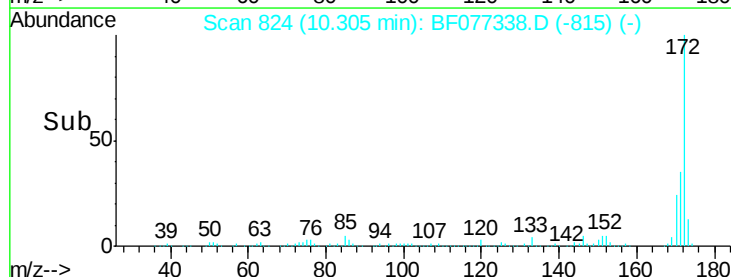
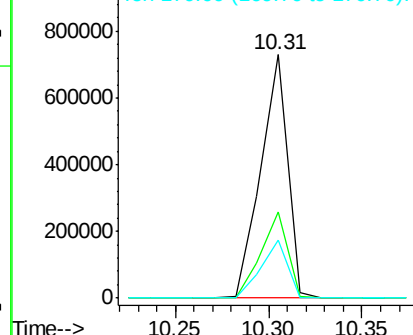


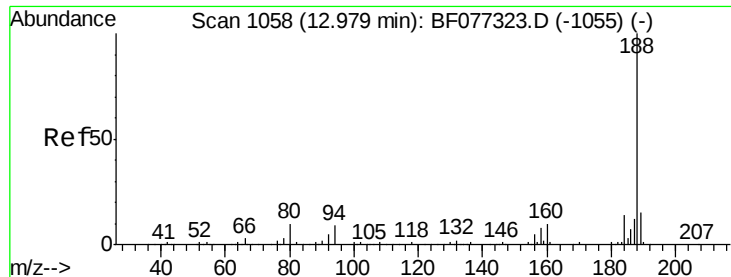
#44
 2-Fluorobiphenyl
 Concen: 97.60 ng
 RT: 10.31 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF077338.D
 Acq: 18 Feb 2015 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.6	19.4	29.2



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

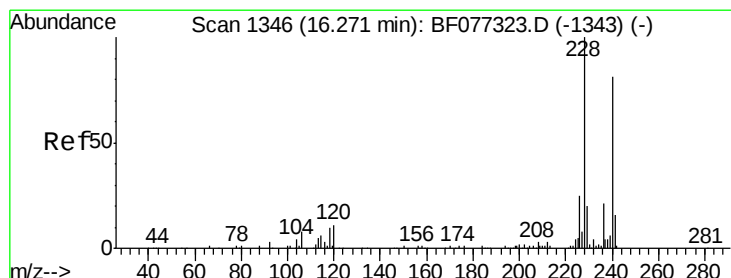
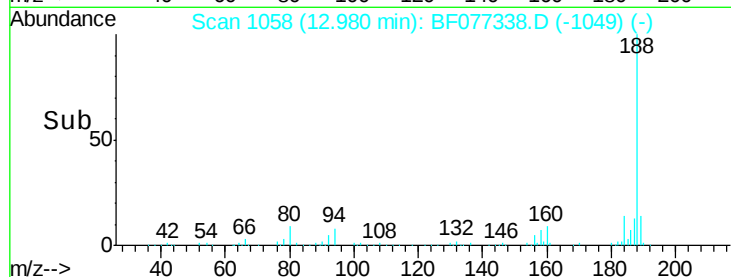
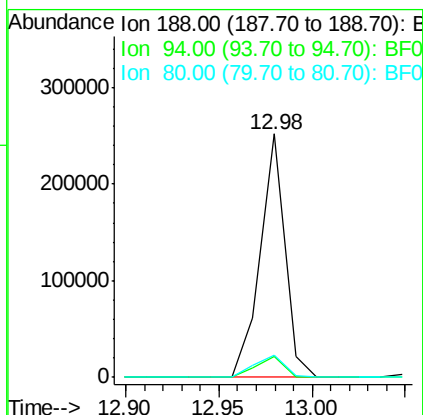
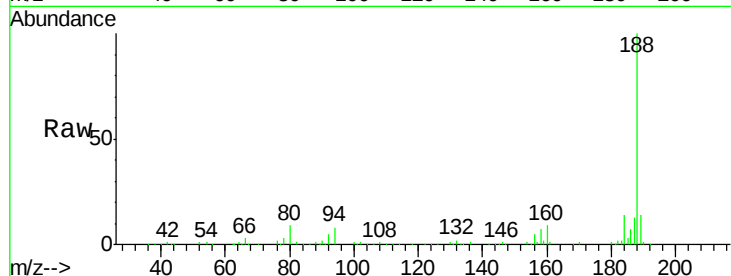




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF077338.D
Acq: 18 Feb 2015 3:09

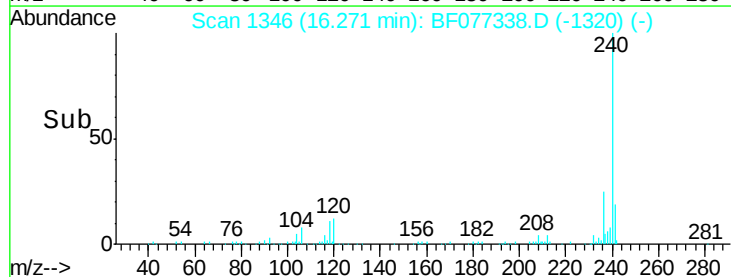
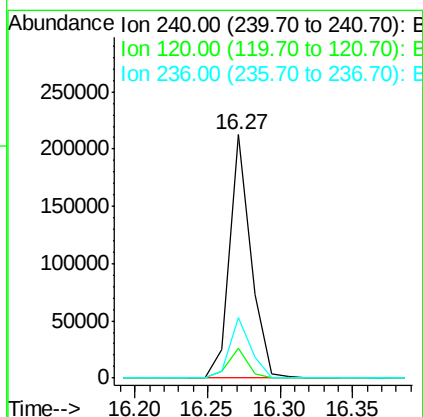
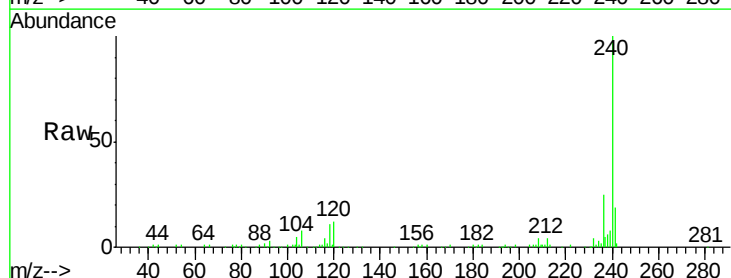
Instrument :
BNA_F
ClientSampleId :
PB81762BL

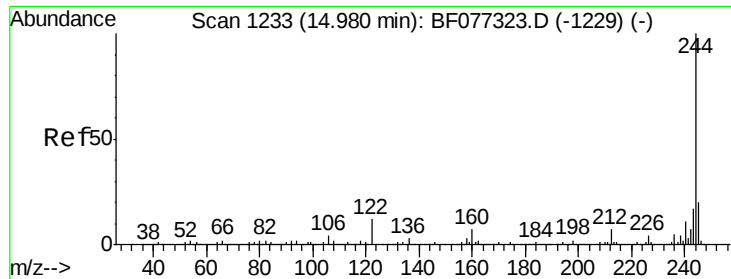
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.0	7.8	11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF077338.D
Acq: 18 Feb 2015 3:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	11.3	16.9
236	24.9	20.3	30.5





#78

Terphenyl-d14

Concen: 91.46 ng

RT: 14.98 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF077338.D

Acq: 18 Feb 2015 3:09

Instrument :

BNA_F

ClientSampled :

PB81762BL

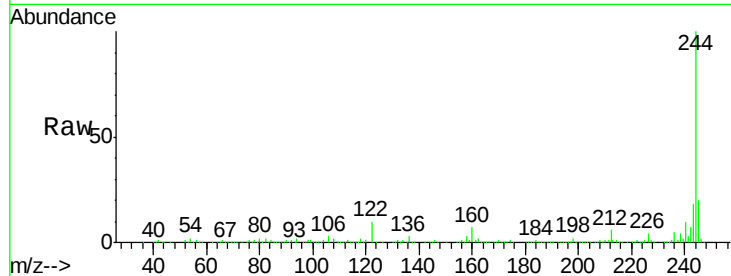
Tgt Ion:244 Resp: 869517

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

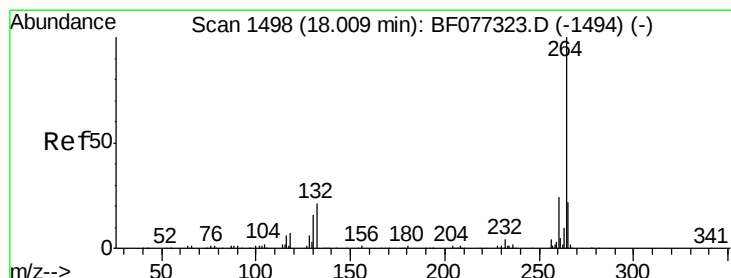
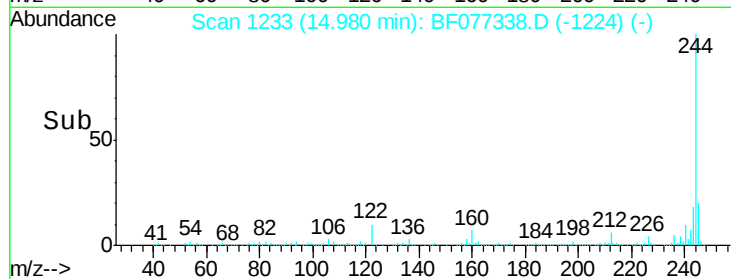
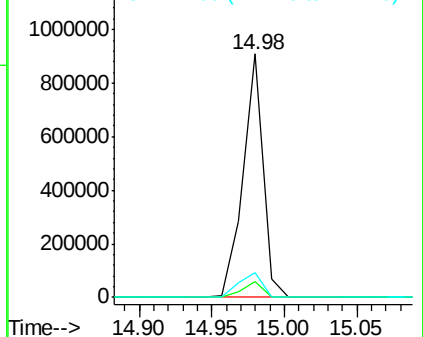
122 10.4 9.3 13.9



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: 18.02 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BF077338.D

Acq: 18 Feb 2015 3:09

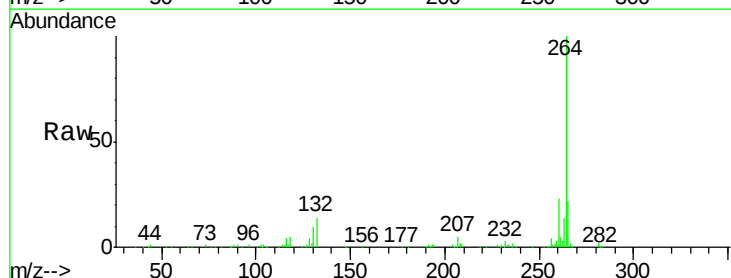
Tgt Ion:264 Resp: 211843

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.6 17.7 26.5



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

