

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079751.D
 Acq On : 6 Jun 2015 3:04
 Operator : TP/IZ
 Sample : G2464-13 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17AS

Quant Time: Jun 08 15:50:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:29:07 2015
 Response via : Initial Calibration

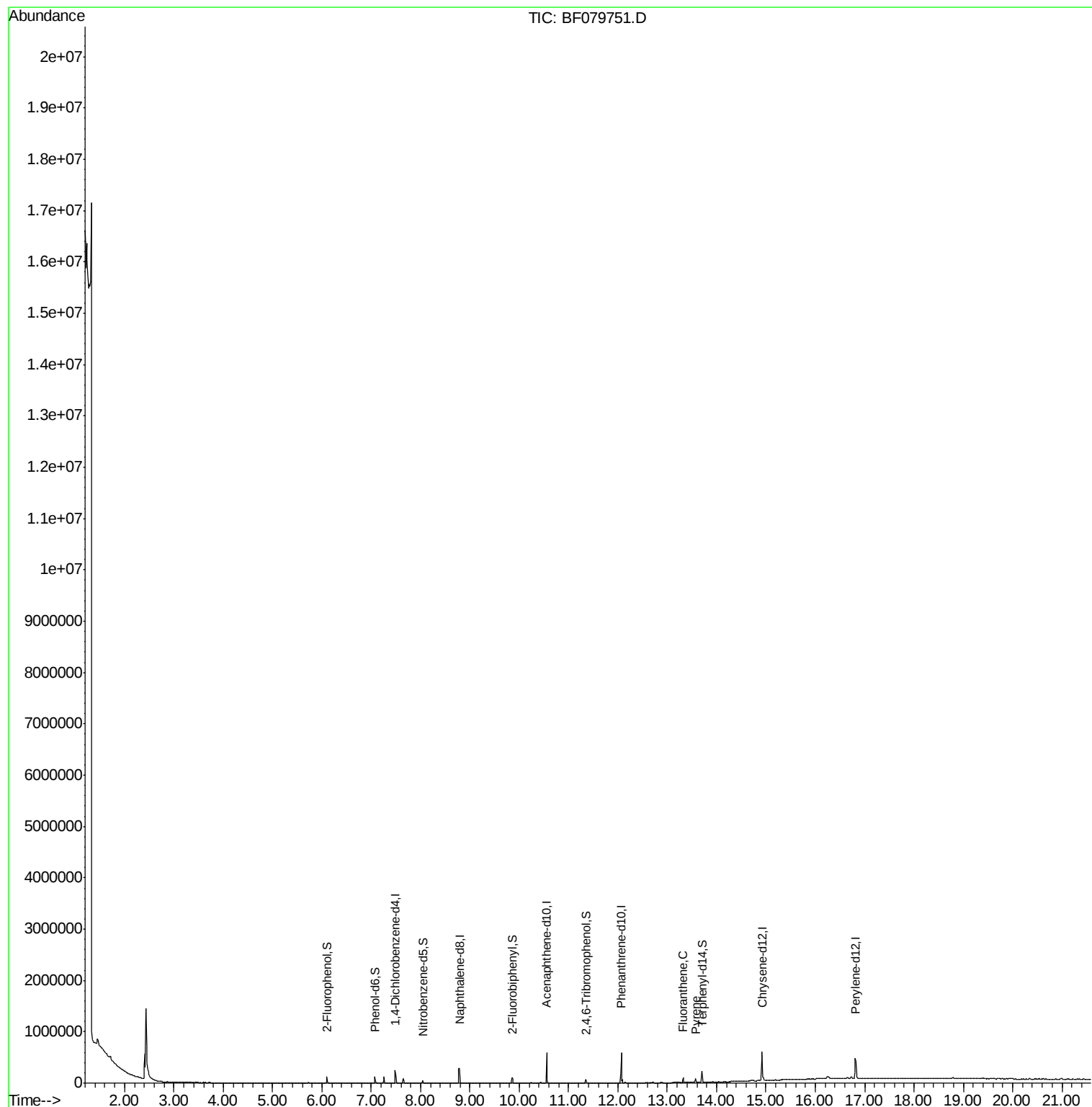
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	47671	20.00	ng	-0.01
21) Naphthalene-d8	8.79	136	191512	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	108944	20.00	ng	0.00
63) Phenanthrene-d10	12.07	188	219242	20.00	ng	0.00
75) Chrysene-d12	14.93	240	255129	20.00	ng	-0.01
86) Perylene-d12	16.81	264	243866	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	30699	10.79	ng	0.00
7) Phenol-d6	7.07	99	38576	10.50	ng	-0.01
23) Nitrobenzene-d5	8.04	82	17543	5.62	ng	0.00
41) 2,4,6-Tribromophenol	11.35	330	7978	7.66	ng	-0.01
44) 2-Fluorobiphenyl	9.86	172	48363	6.01	ng	0.00
78) Terphenyl-d14	13.70	244	67960	6.10	ng	-0.01
Target Compounds						
74) Fluoranthene	13.33	202	45508	3.24	ng	98
77) Pyrene	13.58	202	42387	2.71	ng	97

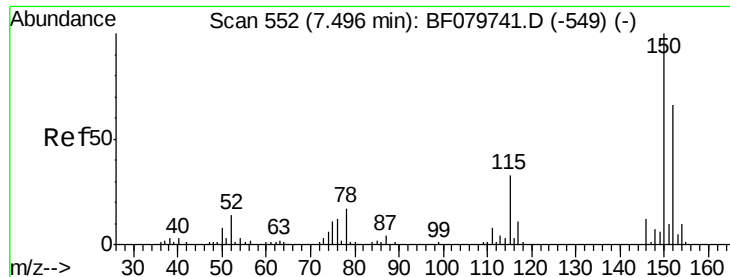
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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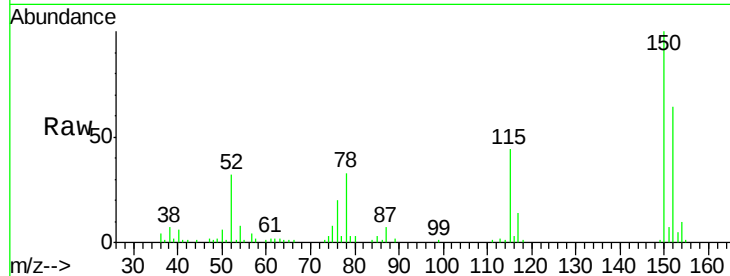


#1

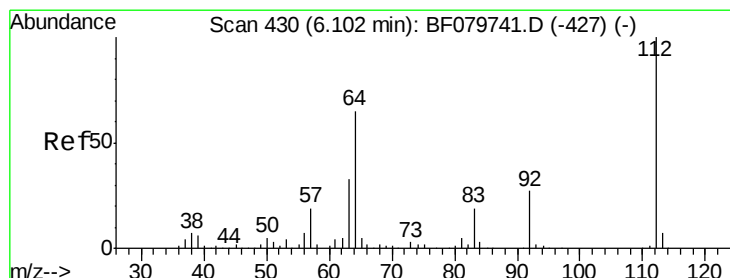
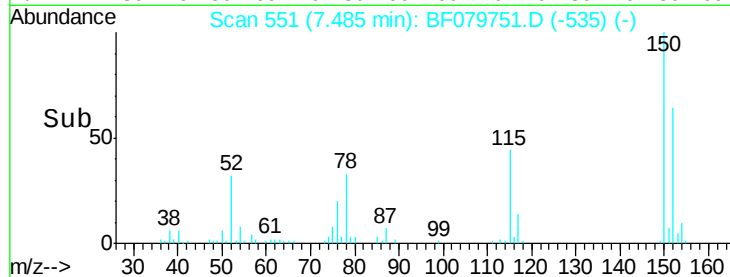
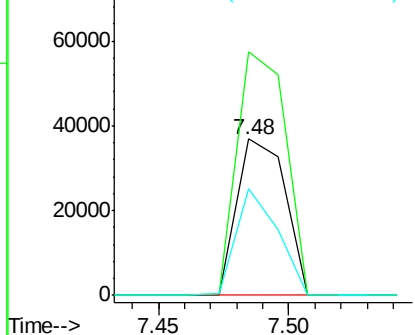
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

Instrument :
BNA_F
ClientSampleId :
SB-17AS

Tot Ion:152 Resp: 47671
Ion Ratio Lower Upper
152 100
150 156.0 128.1 192.1
115 68.1 49.7 74.5



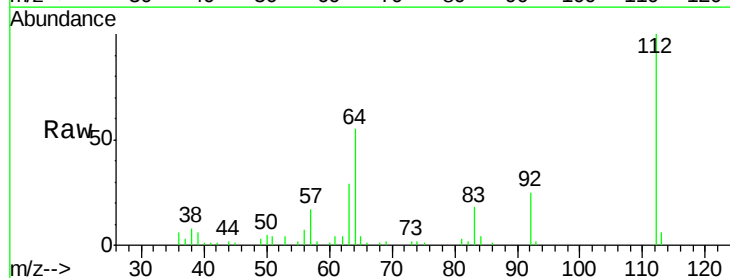
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



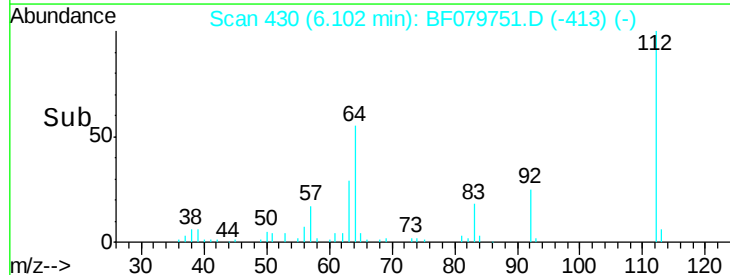
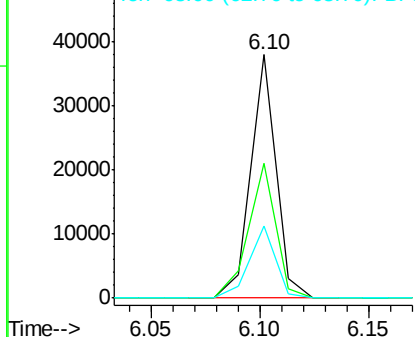
#5

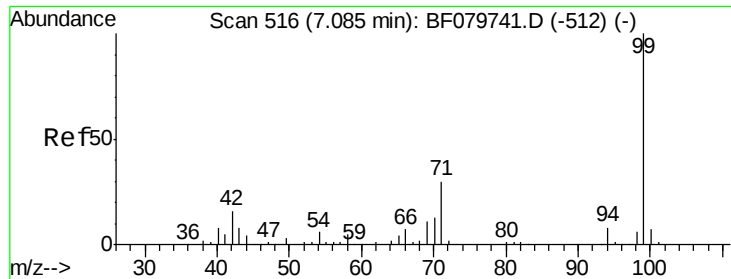
2-Fluorophenol
Concen: 10.79 ng
RT: 6.10 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF079751.D
Acq: 6 Jun 2015 3:04

Tgt Ion:112 Resp: 30699
Ion Ratio Lower Upper
112 100
64 55.5 49.6 74.4
63 29.5 24.9 37.3



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: 10.50 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

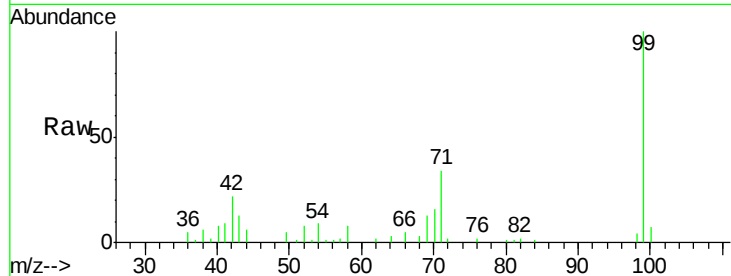
Tot Ion: 99 Resp: 38576

Ion Ratio Lower Upper

99 100

42 22.2 18.0 27.0

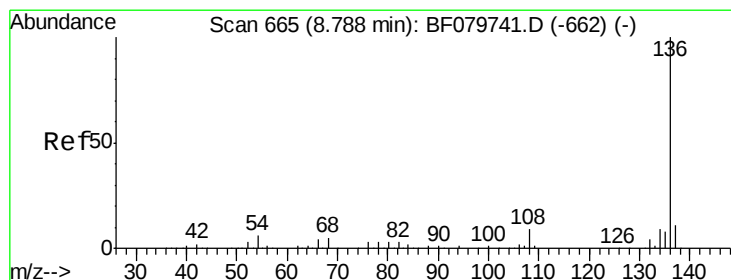
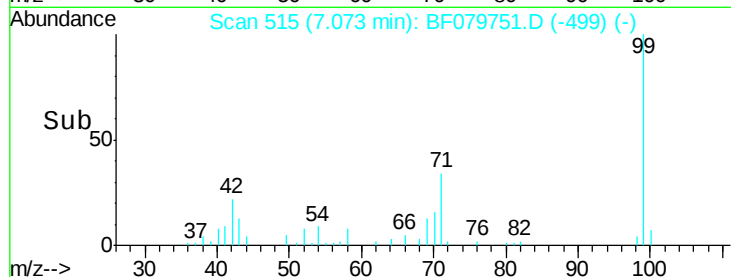
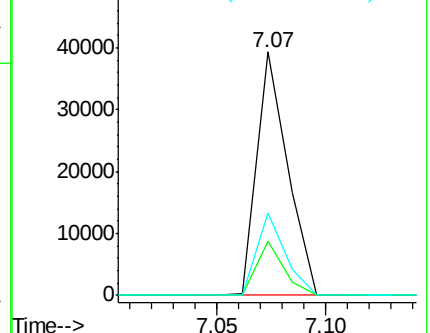
71 33.9 28.4 42.6



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: 8.79 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Tgt Ion: 136 Resp: 191512

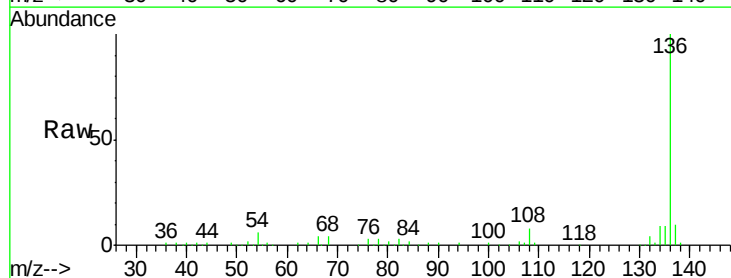
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 5.9 8.7 13.1#

68 4.4 5.8 8.8#

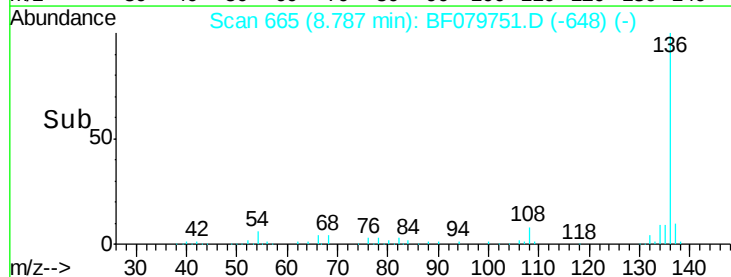
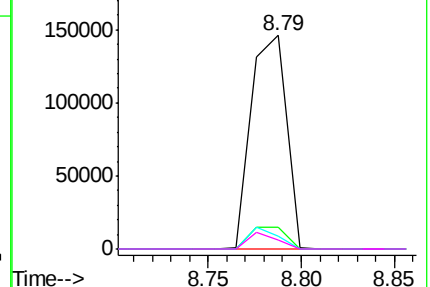


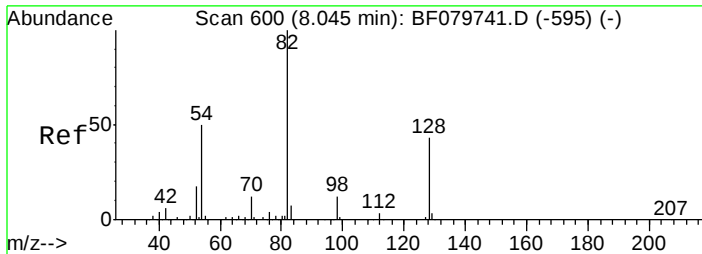
Abundance Ion 136.00 (135.70 to 136.70): E

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

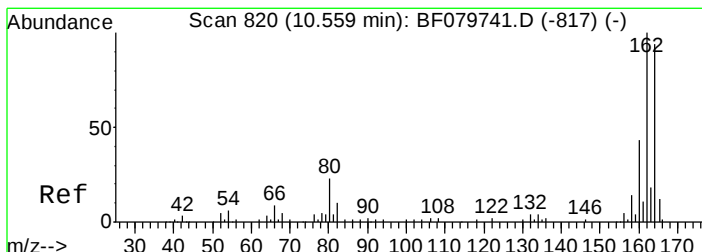
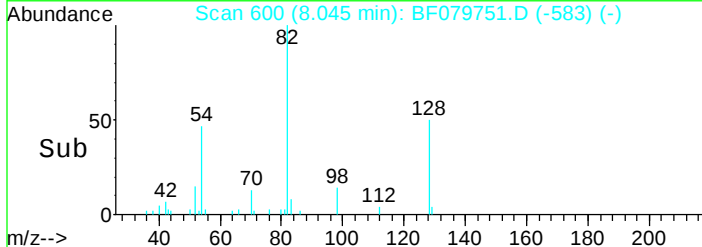
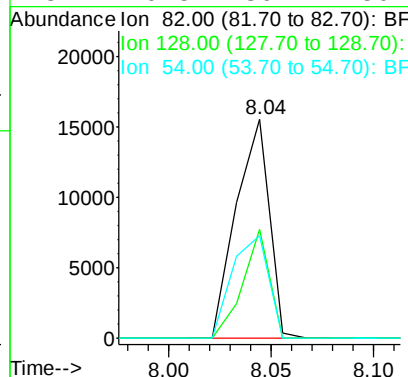
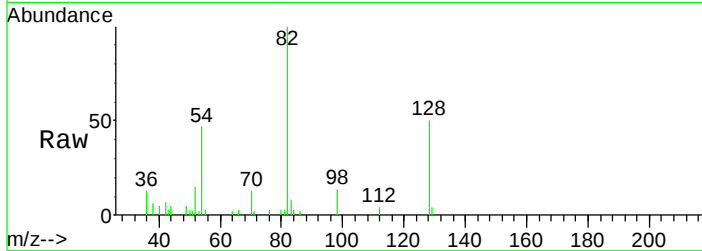




#23
 Nitrobenzene-d5
 Concen: 5.62 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF079751.D
 Acq: 6 Jun 2015 3:04

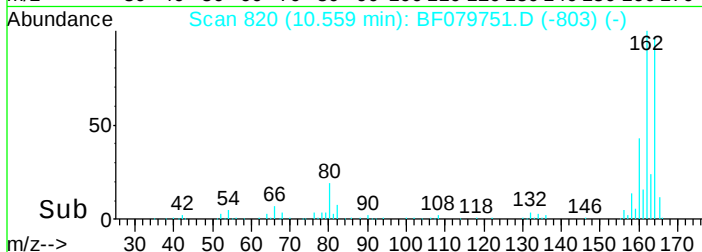
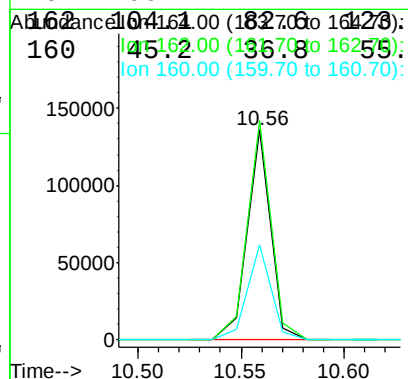
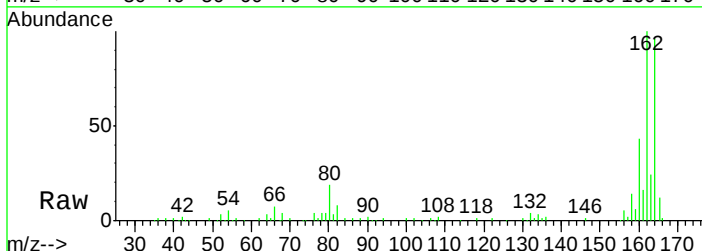
Instrument :
 BNA_F
 ClientSampleId :
 SB-17AS

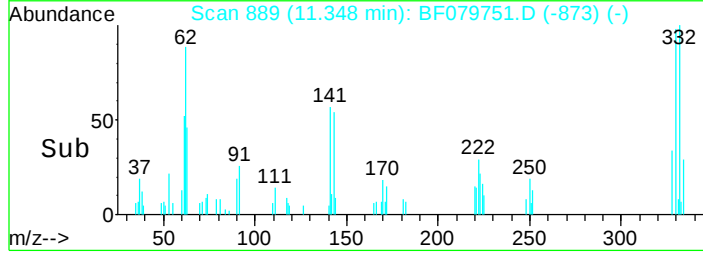
Tot Ion: 82 Resp: 17543
 Ion Ratio Lower Upper
 82 100
 128 49.8 37.6 56.4
 54 46.5 39.4 59.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF079751.D
 Acq: 6 Jun 2015 3:04

Tgt Ion:164 Resp: 108944
 Ion Ratio Lower Upper
 164 100
 162 104.61 82.6 128.8
 160 45.2 36.8 59.2

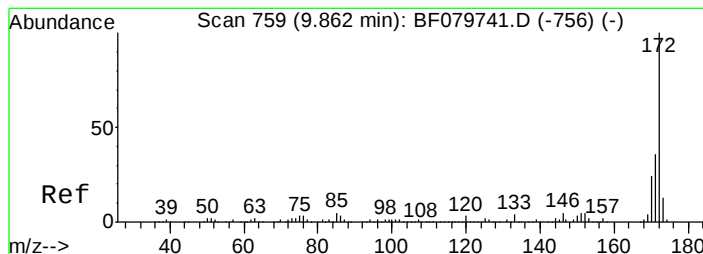
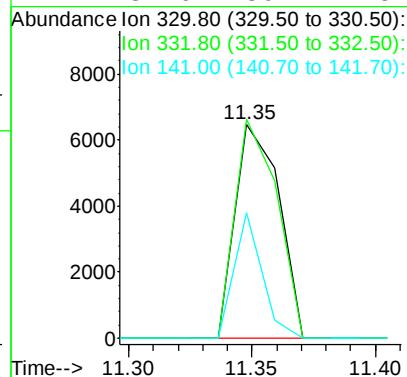




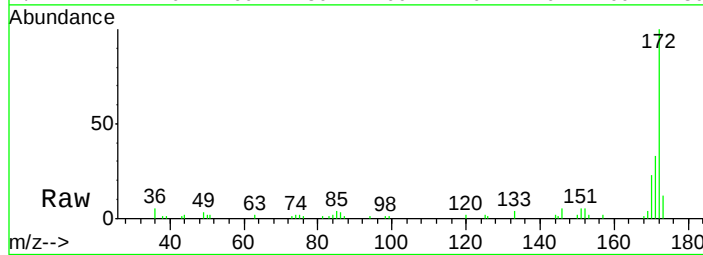
```
#41
2,4,6-Tribromophenol
Concen:      7.66 ng
RT: 11.35 min  Scan# 889
Delta R.T.   -0.01 min
Lab File:    BF079751.D
Acq:  6 Jun 2015   3:04
```

Instrument :
BNA_F
ClientSampleId :
SB-17AS

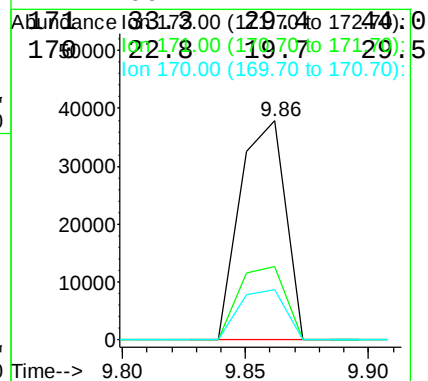
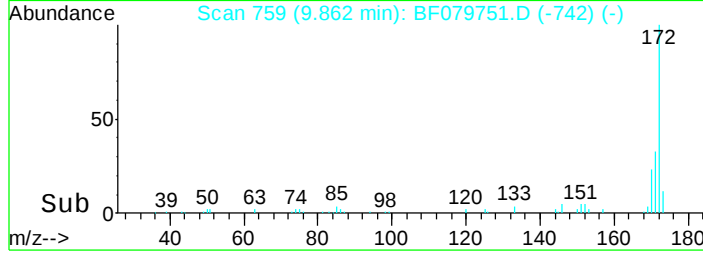
Tqt	Ion:330	Resp:	7978
Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.0
141	37.6	30.2	45.2

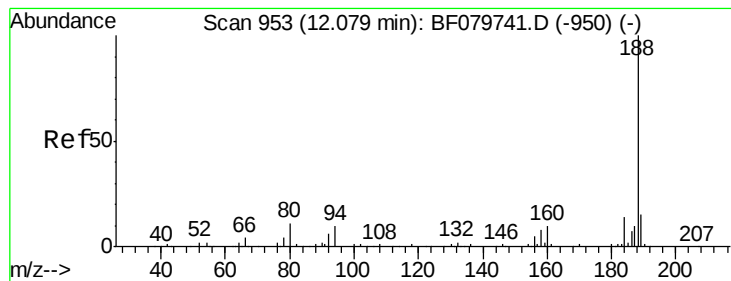


```
#44
2-Fluorobiphenyl
Concen:      6.01 ng
RT: 9.86 min  Scan# 759
Delta R.T.   -0.00 min
Lab File:    BF079751.D
Acq: 6 Jun 2015 3:04
```



Tgt	Ion:172	Resp:	48363
Ion	Ratio	Lower	Upper
172	100		





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.07 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

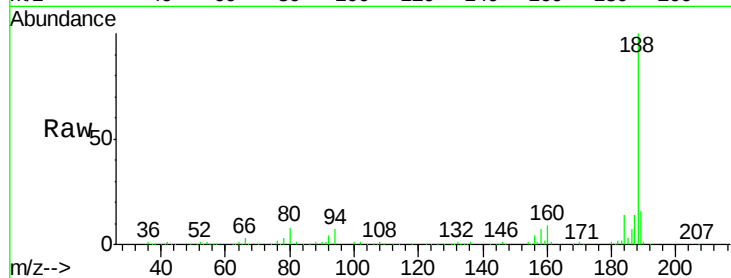
Tot Ion:188 Resp: 219242

Ion Ratio Lower Upper

188 100

94 7.4 5.0 7.4

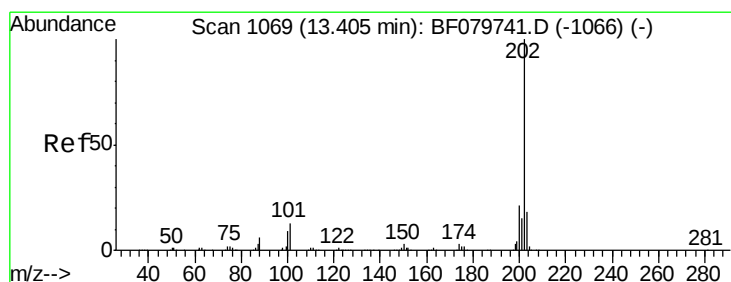
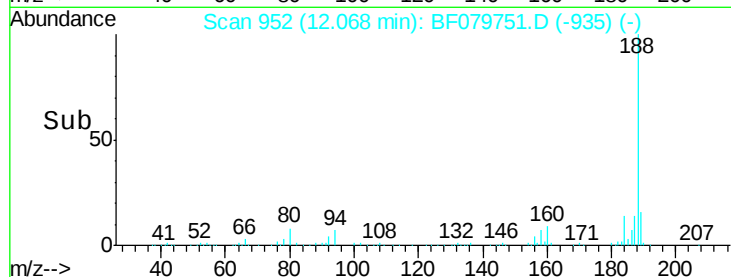
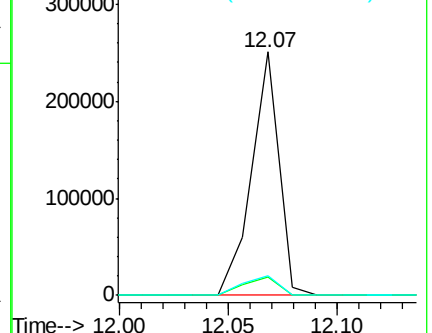
80 7.8 5.3 7.9



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



#74

Fluoranthene

Concen: 3.24 ng

RT: 13.33 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

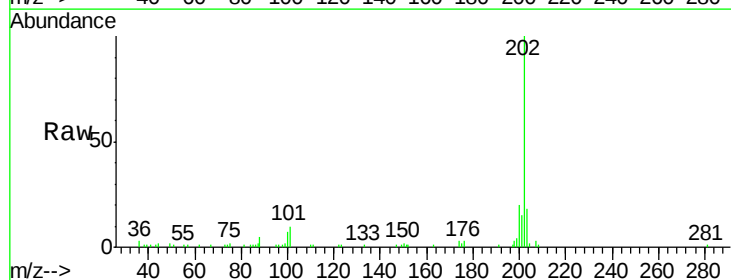
Tgt Ion:202 Resp: 45508

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.3

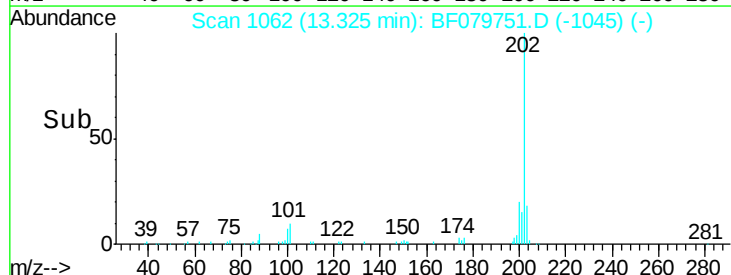
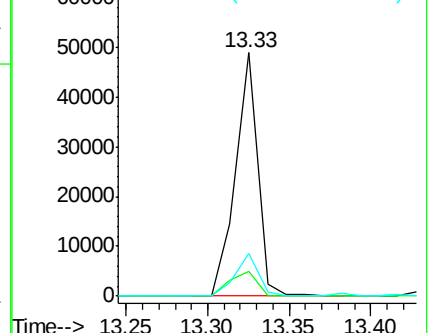
203 17.6 0.0 38.4

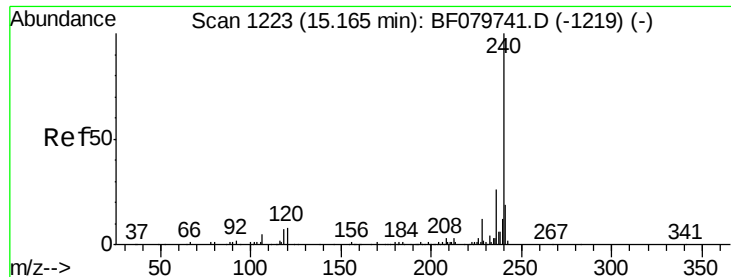


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.93 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

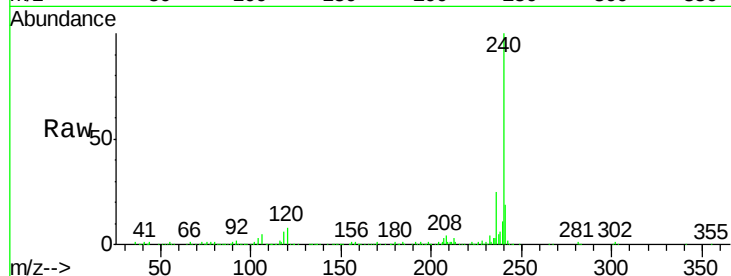
Tot Ion:240 Resp: 255129

Ion Ratio Lower Upper

240 100

120 7.8 6.2 9.2

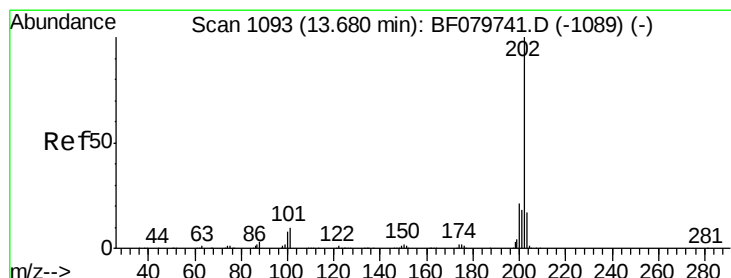
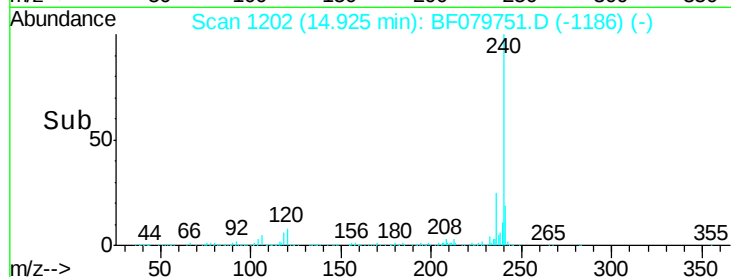
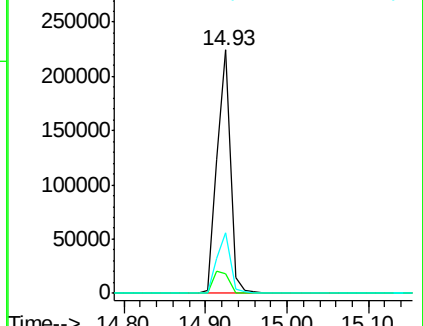
236 24.7 21.0 31.4



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



#77

Pyrene

Concen: 2.71 ng

RT: 13.58 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

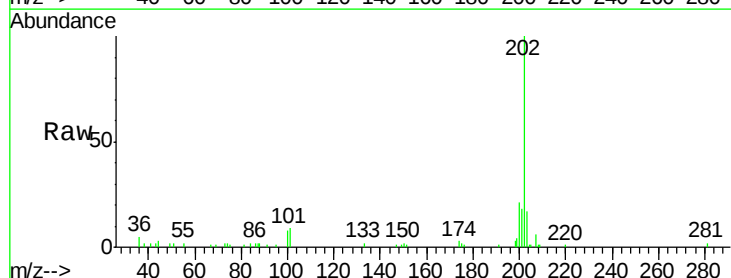
Tgt Ion:202 Resp: 42387

Ion Ratio Lower Upper

202 100

200 20.6 17.5 26.3

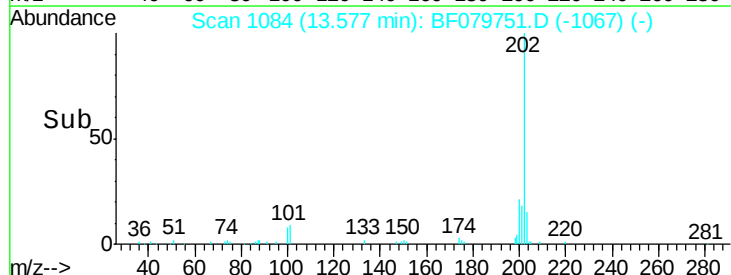
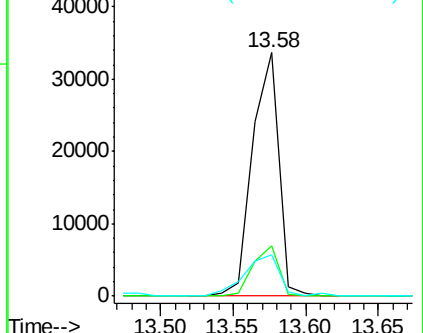
203 17.1 14.8 22.2

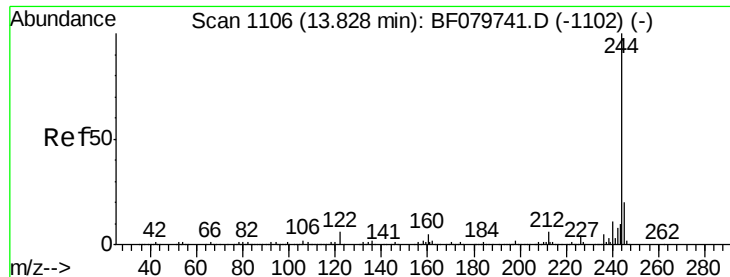


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 6.10 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

Instrument :

BNA_F

ClientSampleId :

SB-17AS

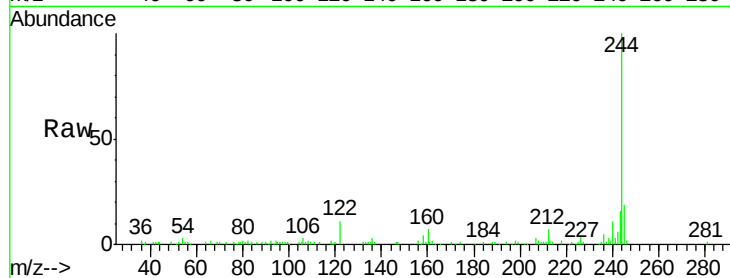
Tot Ion:244 Resp: 67960

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

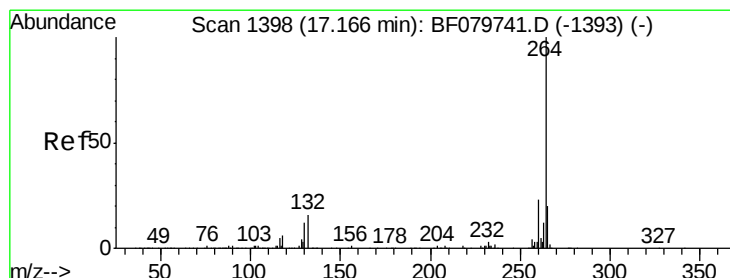
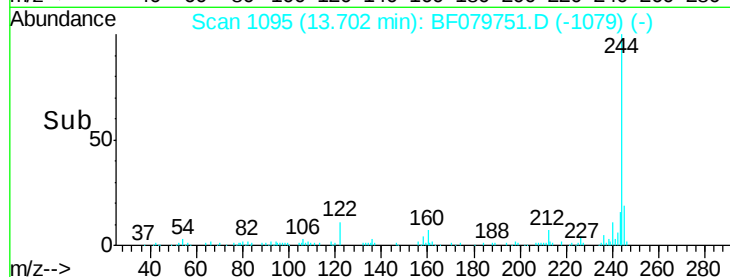
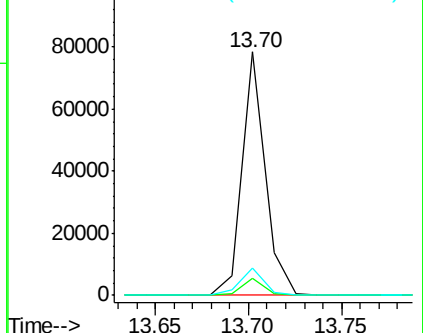
122 11.0 9.3 13.9



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: 16.81 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF079751.D

Acq: 6 Jun 2015 3:04

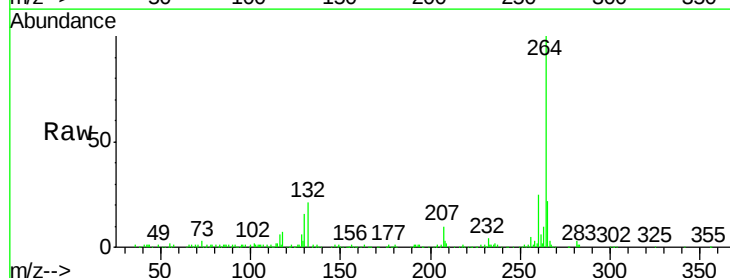
Tgt Ion:264 Resp: 243866

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 22.4 18.2 27.4



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

