

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077779.D
 Acq On : 17 Mar 2015 18:48
 Operator : TP/IZ
 Sample : G1544-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-12-DEP

Quant Time: Mar 18 00:08:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

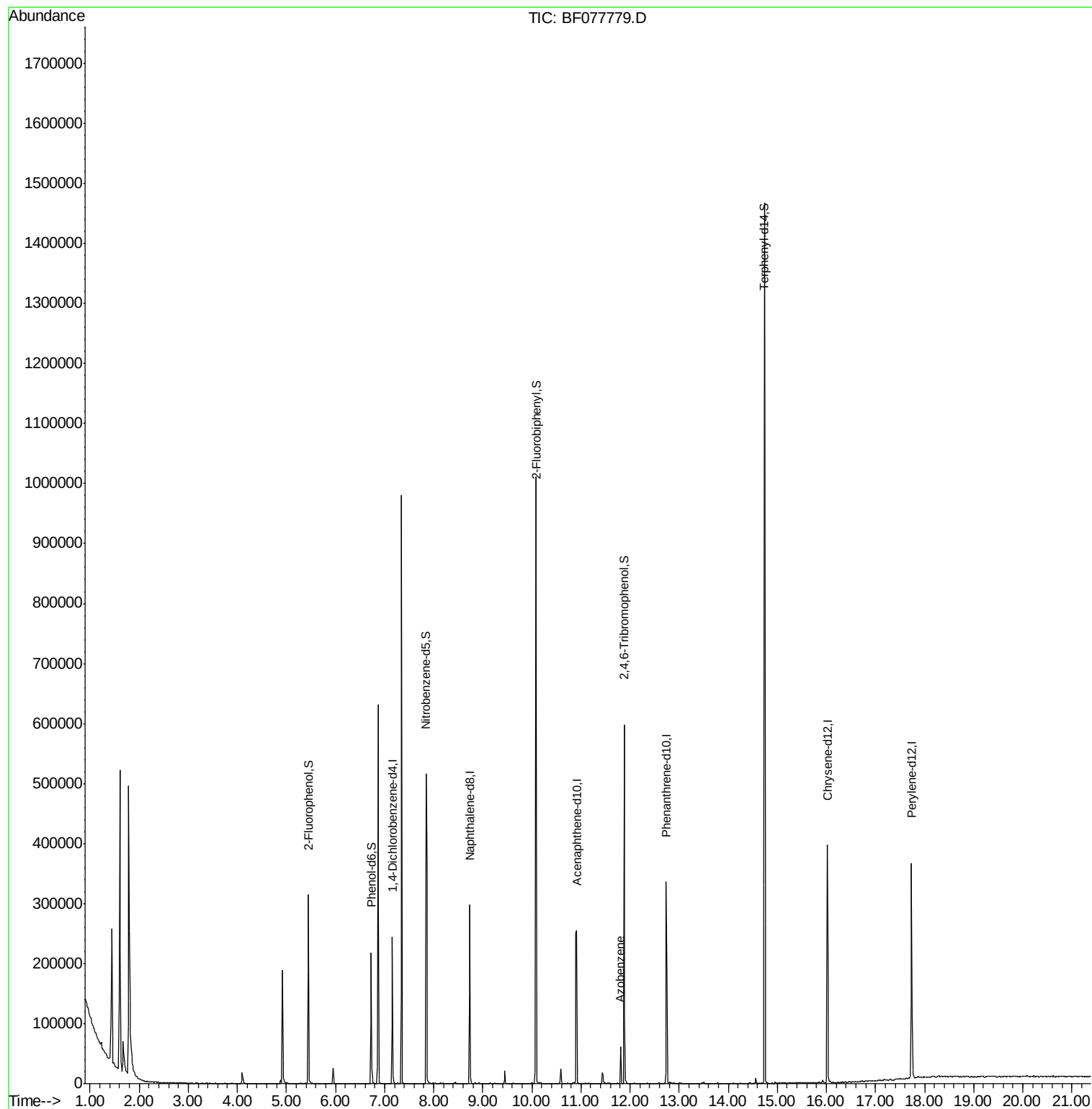
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	41891	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	164305	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	78607	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	160007	20.00	ng	-0.01
75) Chrysene-d12	16.02	240	170103	20.00	ng	-0.01
86) Perylene-d12	17.73	264	165054	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	120778	50.33	ng	0.00
7) Phenol-d6	6.73	99	92171	31.09	ng	0.00
23) Nitrobenzene-d5	7.85	82	220174	87.84	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	71237	94.72	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	493388	92.24	ng	0.00
78) Terphenyl-d14	14.74	244	510498	73.31	ng	0.00
Target Compounds						
62) Azobenzene	11.80	77	16605	3.06	ng	Qvalue # 1

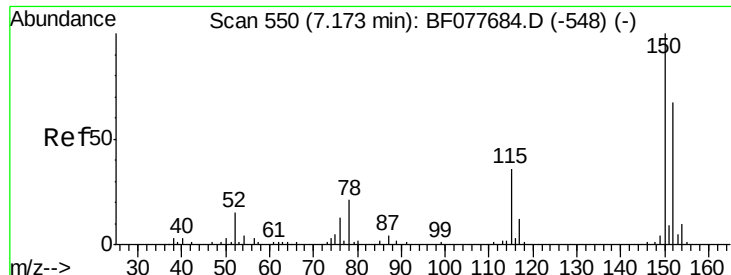
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 00:52:09 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF077779.D

Acq: 17 Mar 2015 18:48

Instrument :

BNA_F

ClientSampleId :

TW-12-DEP

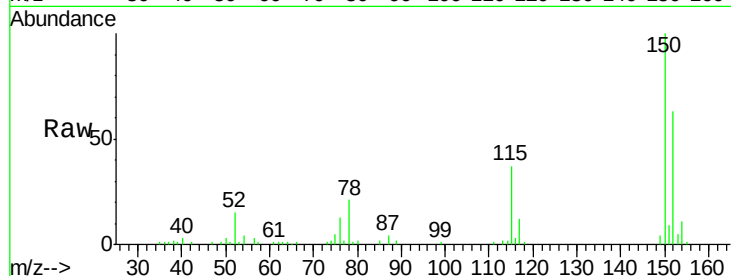
Tgt Ion:152 Resp: 41891

Ion Ratio Lower Upper

152 100

150 159.4 119.5 179.3

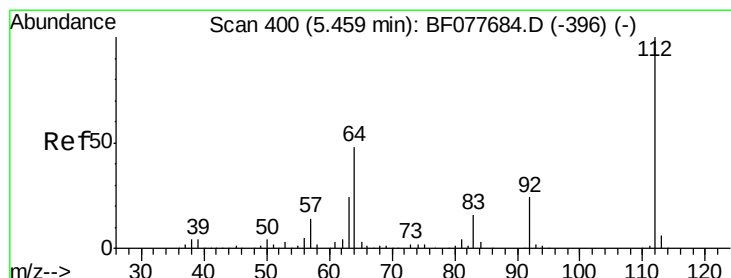
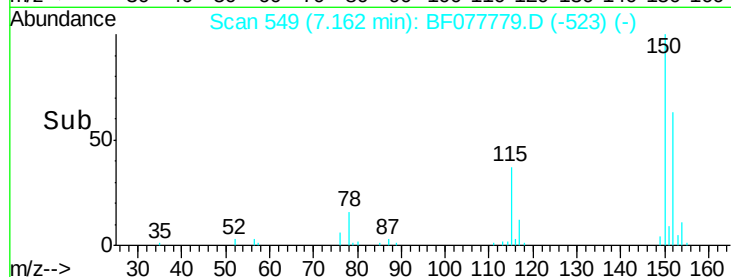
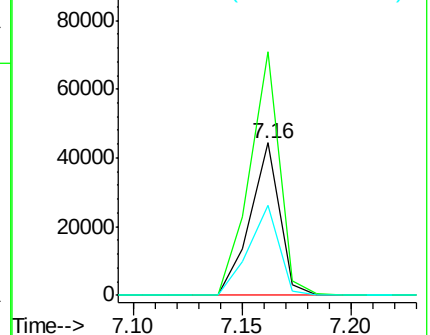
115 59.0 43.0 64.4



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



#5

2-Fluorophenol

Concen: 50.33 ng

RT: 5.45 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF077779.D

Acq: 17 Mar 2015 18:48

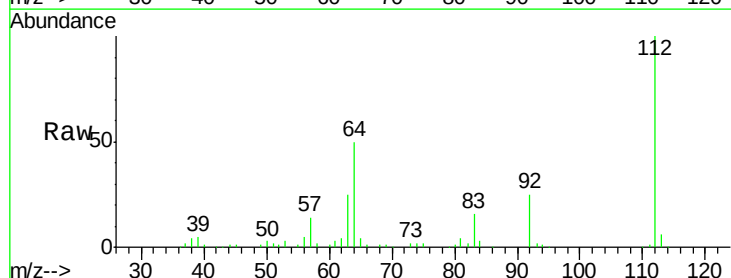
Tgt Ion:112 Resp: 120778

Ion Ratio Lower Upper

112 100

64 49.5 38.6 57.8

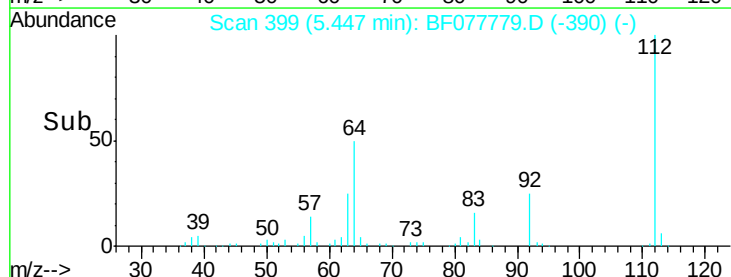
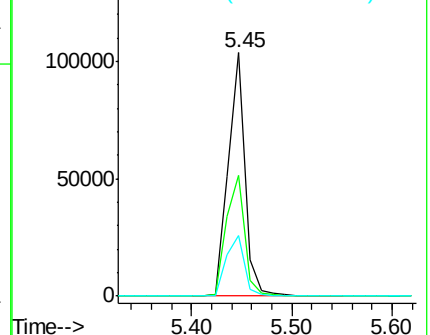
63 24.7 19.3 28.9

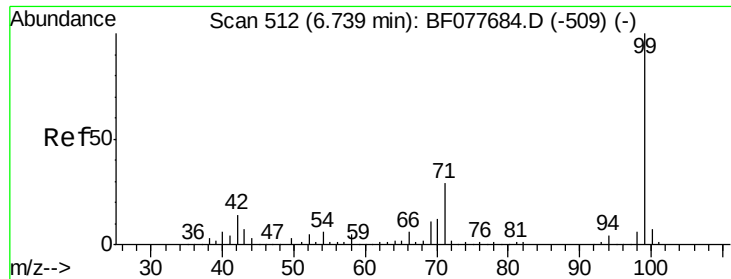


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.09 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077779.D

Acq: 17 Mar 2015 18:48

Instrument :

BNA_F

ClientSampleId :

TW-12-DEP

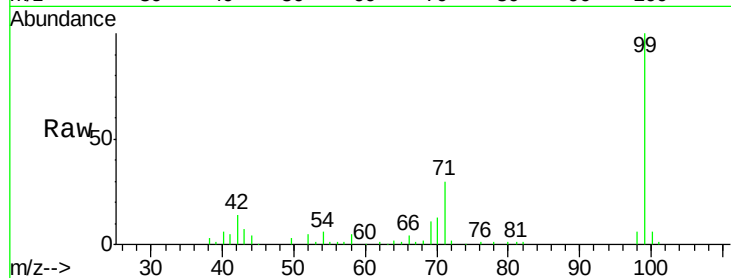
Tgt Ion: 99 Resp: 92171

Ion Ratio Lower Upper

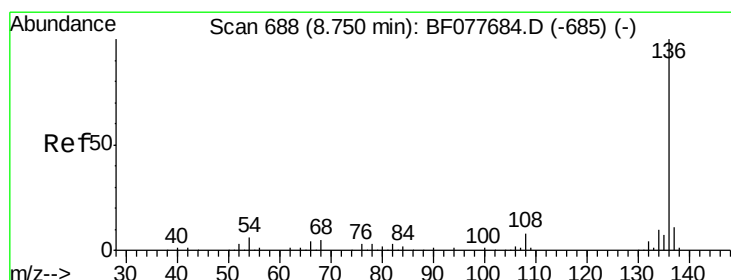
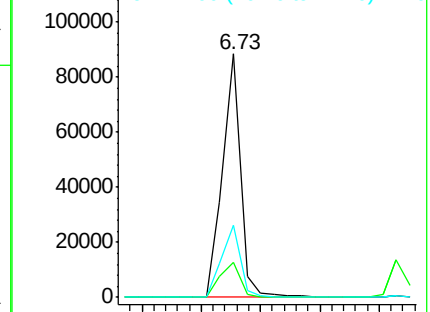
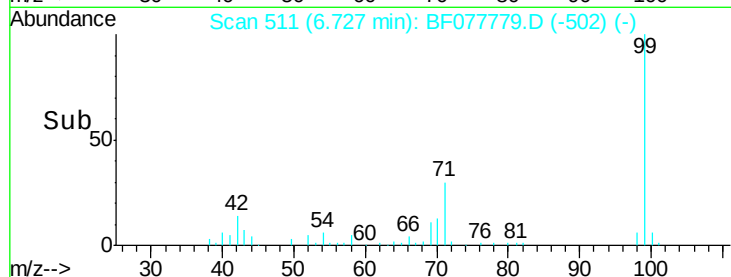
99 100

42 14.1 11.0 16.4

71 29.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077779.D (-502) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF077779.D

Acq: 17 Mar 2015 18:48

Tgt Ion: 136 Resp: 164305

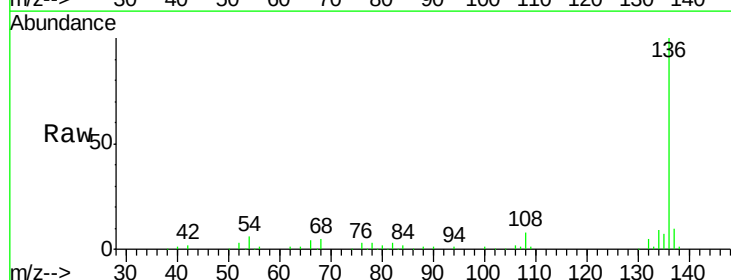
Ion Ratio Lower Upper

136 100

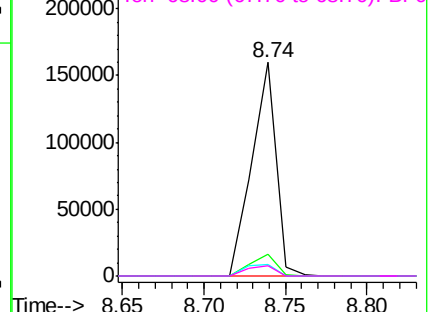
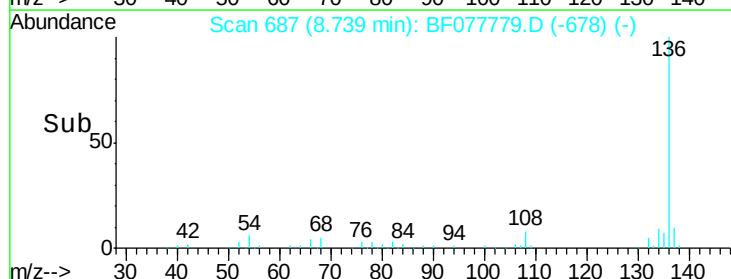
137 10.1 8.7 13.1

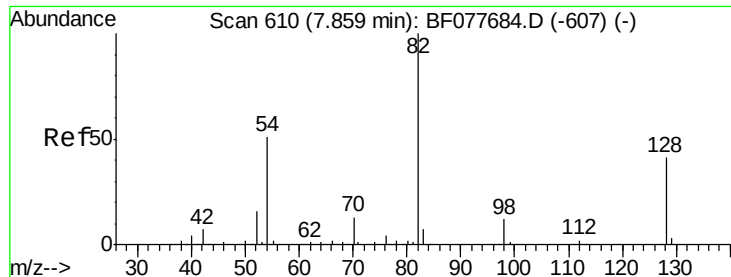
54 5.5 4.6 6.8

68 4.8 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BF077779.D (-678) (-)

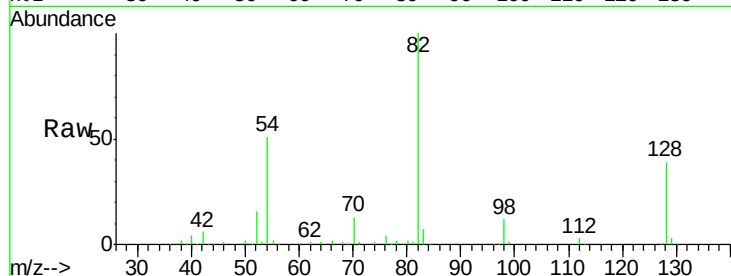




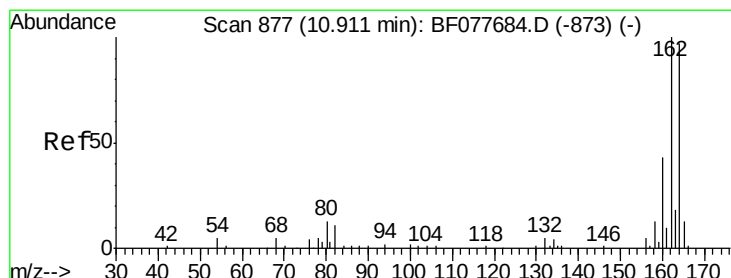
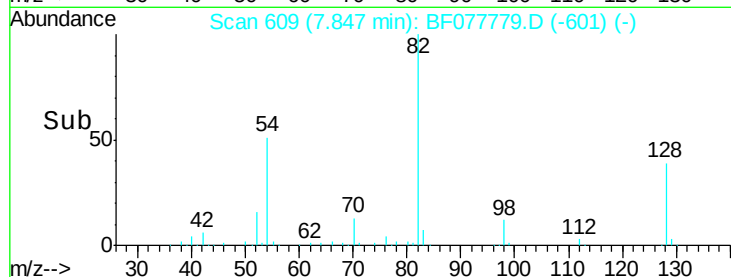
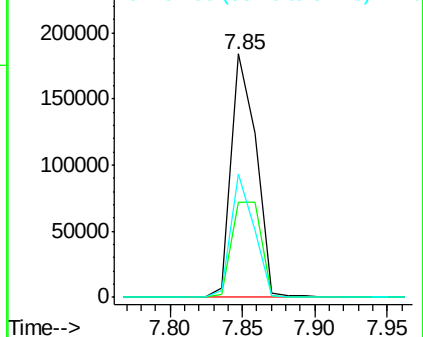
#23
 Nitrobenzene-d5
 Concen: 87.84 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077779.D
 Acq: 17 Mar 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 TW-12-DEP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	32.8	49.2
54	50.7	40.6	60.8

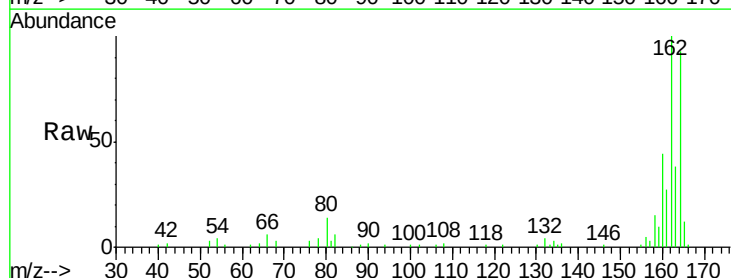


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

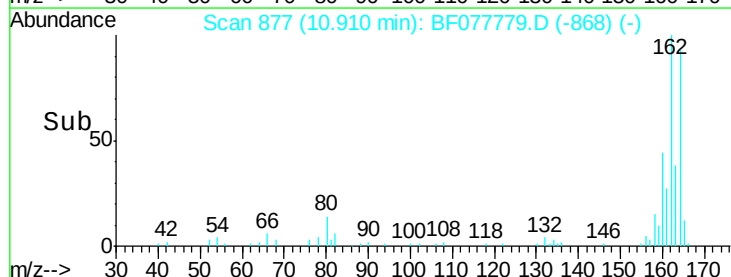
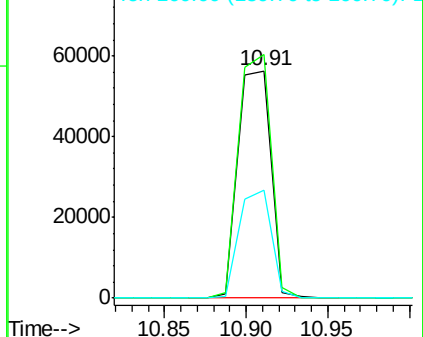


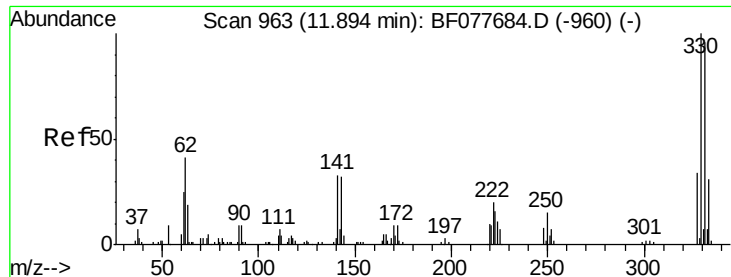
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077779.D
 Acq: 17 Mar 2015 18:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.4	123.6
160	47.6	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

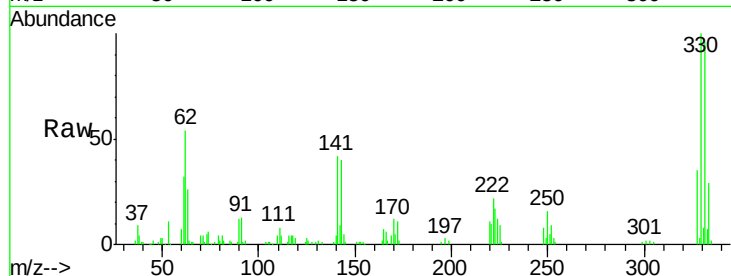




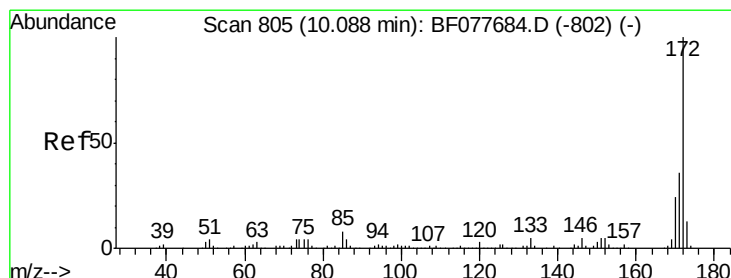
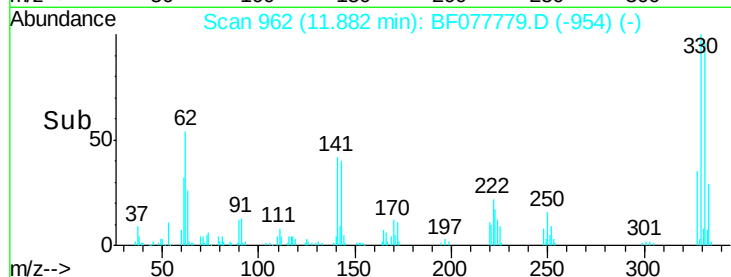
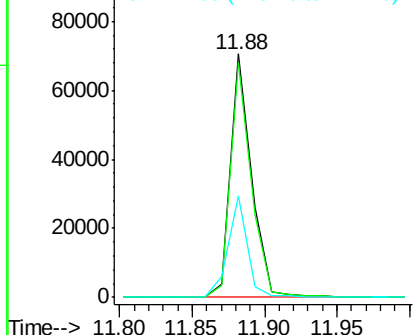
#41
 2,4,6-Tribromophenol
 Concen: 94.72 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077779.D
 Acq: 17 Mar 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 TW-12-DEP

Tgt Ion:330 Resp: 71237
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 38.1 0.0 0.0#

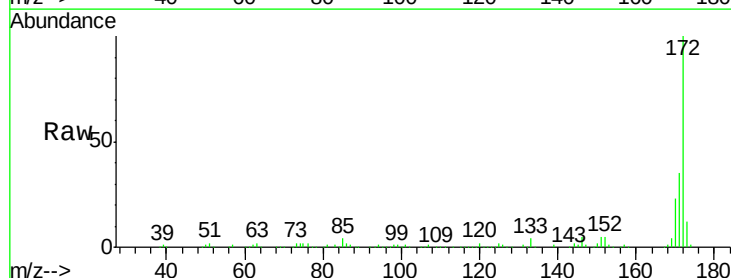


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

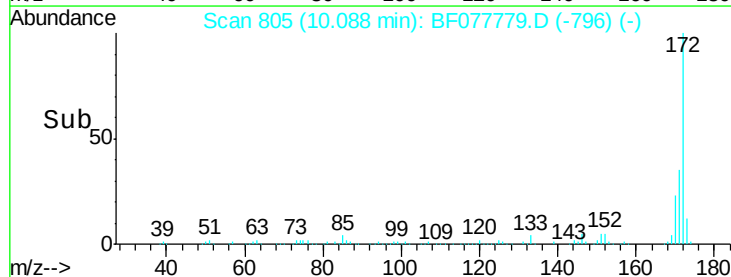
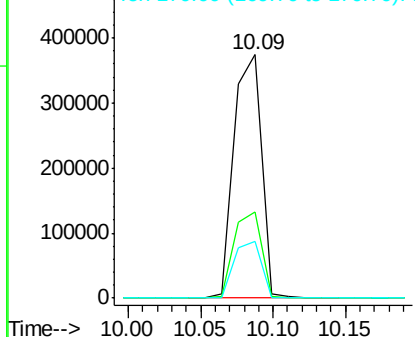


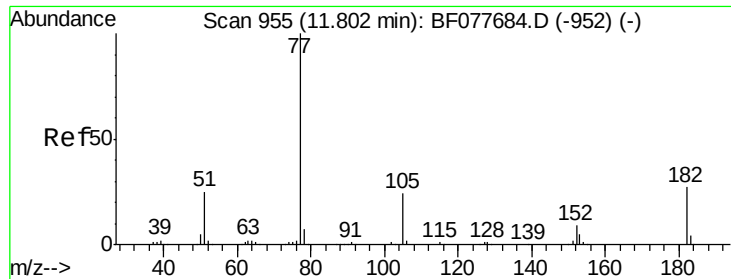
#44
 2-Fluorobiphenyl
 Concen: 92.24 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077779.D
 Acq: 17 Mar 2015 18:48

Tgt Ion:172 Resp: 493388
 Ion Ratio Lower Upper
 172 100
 171 35.4 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





#62

Azobenzene

Concen: 3.06 ng

RT: 11.80 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF077779.D

Acq: 17 Mar 2015 18:48

Instrument :

BNA_F

ClientSampleId :

TW-12-DEP

Tgt Ion: 77 Resp: 16605

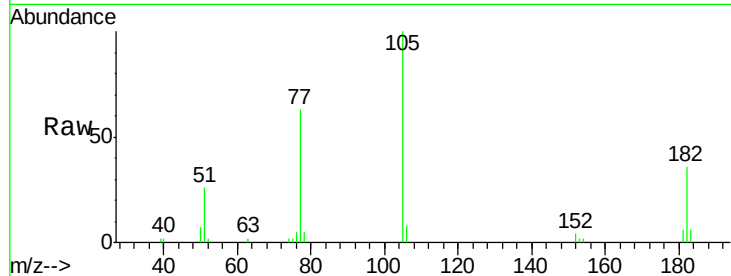
Ion Ratio Lower Upper

77 100

182 57.4 6.5 46.5#

105 158.5 3.8 43.8#

51 41.5 5.5 45.5

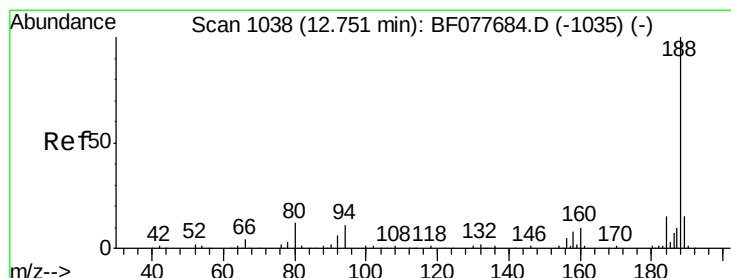
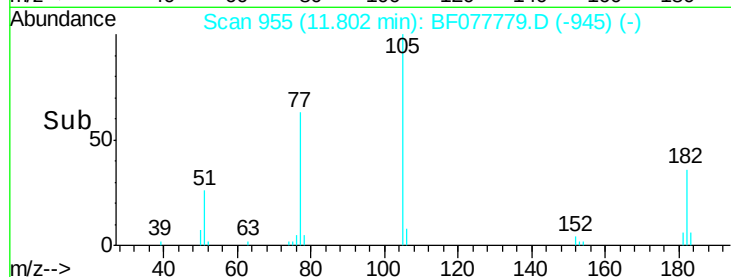
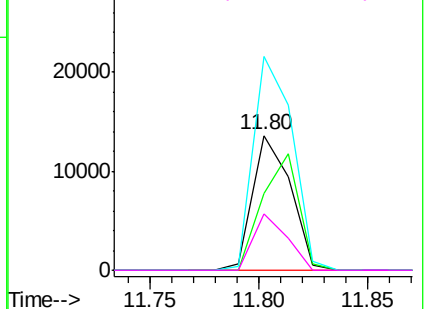


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.74 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF077779.D

Acq: 17 Mar 2015 18:48

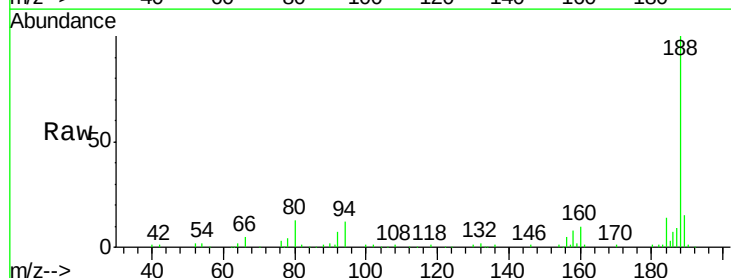
Tgt Ion: 188 Resp: 160007

Ion Ratio Lower Upper

188 100

94 11.9 8.7 13.1

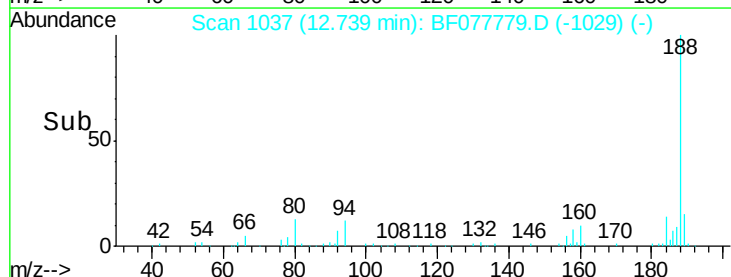
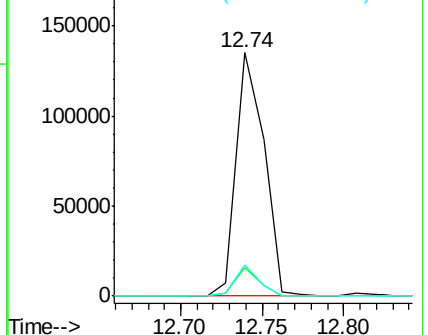
80 13.0 9.3 13.9

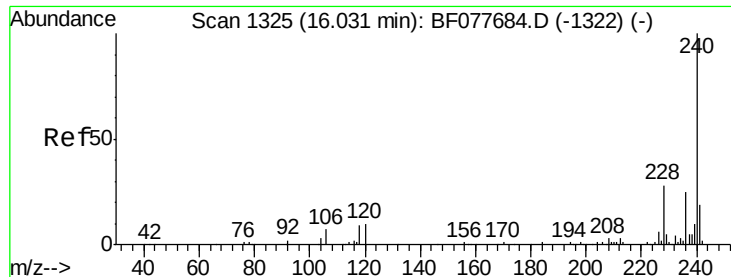


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

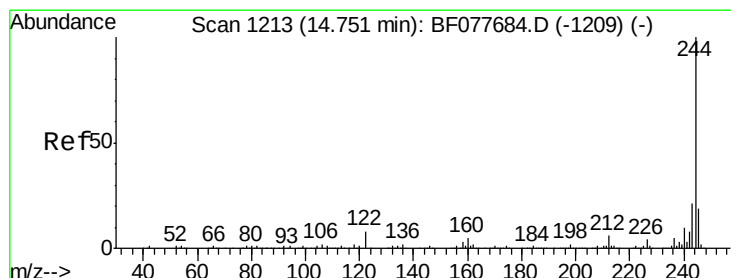
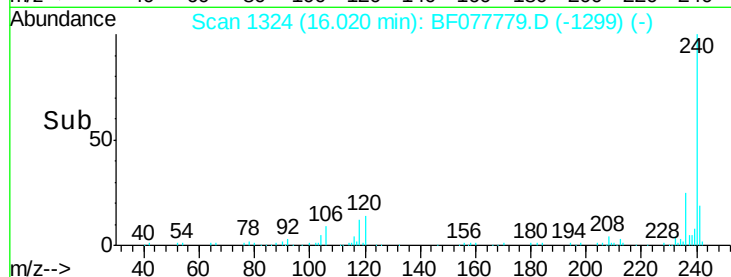
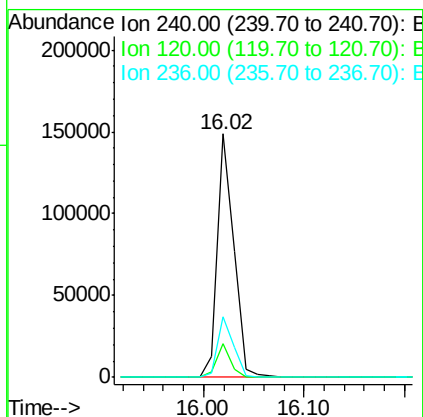
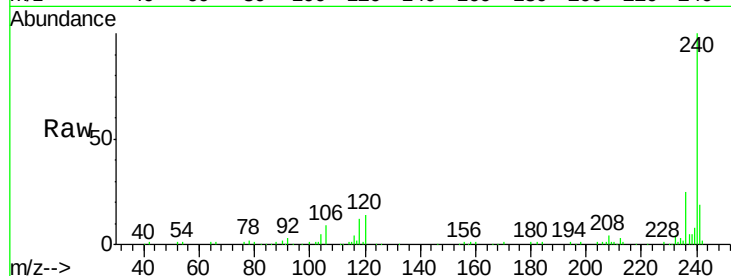




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF077779.D
 Acq: 17 Mar 2015 18:48

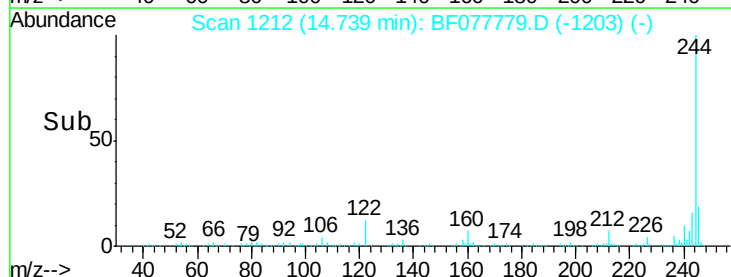
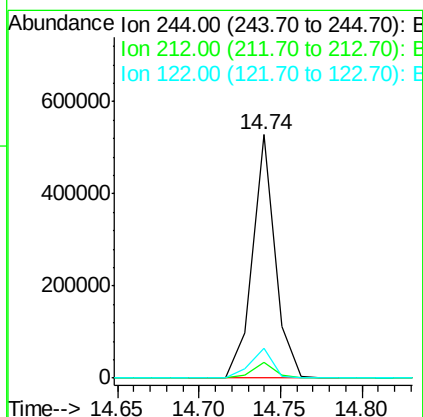
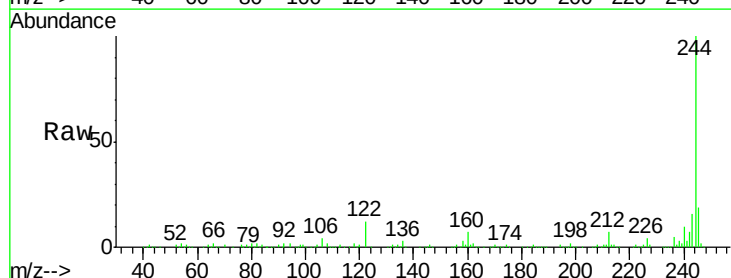
Instrument :
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 TW-12-DEP

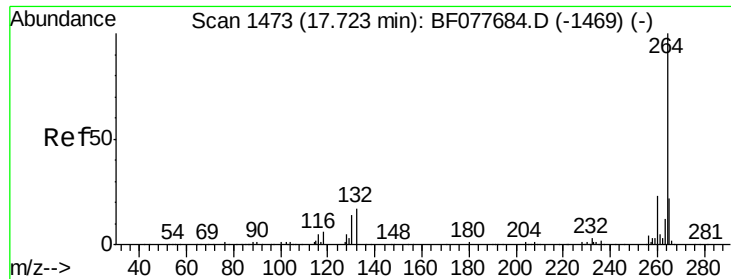
Tgt Ion: 240 Resp: 170103
 Ion Ratio Lower Upper
 240 100
 120 13.9 8.2 12.2#
 236 25.0 20.0 30.0



#78
 Terphenyl-d14
 Concen: 73.31 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF077779.D
 Acq: 17 Mar 2015 18:48

Tgt Ion: 244 Resp: 510498
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.9 7.3
 122 12.1 6.2 9.4#

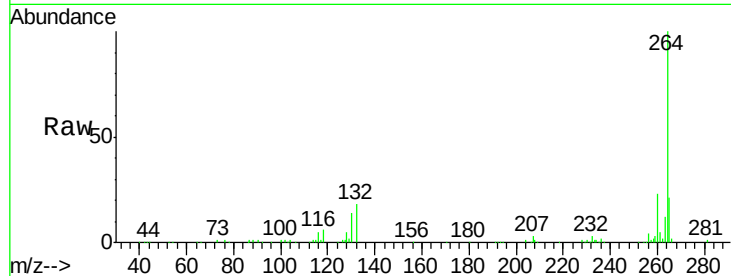




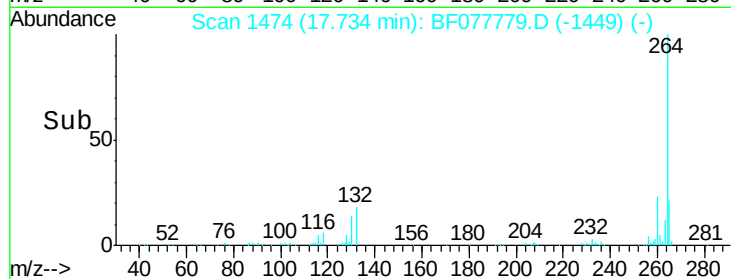
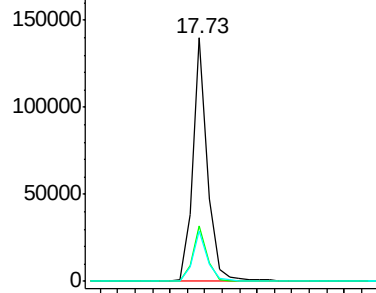
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.73 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF077779.D
Acq: 17 Mar 2015 18:48

Instrument :
BNA_F
ClientSampleId :
TW-12-DEP

Tgt Ion: 264 Resp: 165054
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 20.9 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



Time-->