

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077760.D
 Acq On : 16 Mar 2015 18:43
 Operator : TP/IZ
 Sample : G1533-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-04

Quant Time: Mar 17 00:07:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	59389	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	237431	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	121073	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	238284	20.00	ng	0.00
75) Chrysene-d12	16.03	240	242398	20.00	ng	0.00
86) Perylene-d12	17.79	264	232864	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	182972	53.78	ng	0.00
7) Phenol-d6	6.74	99	144419	34.36	ng	0.00
23) Nitrobenzene-d5	7.87	82	313247	86.48	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	132888	114.72	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	667056	80.97	ng	0.00
78) Terphenyl-d14	14.74	244	754198	76.00	ng	-0.01

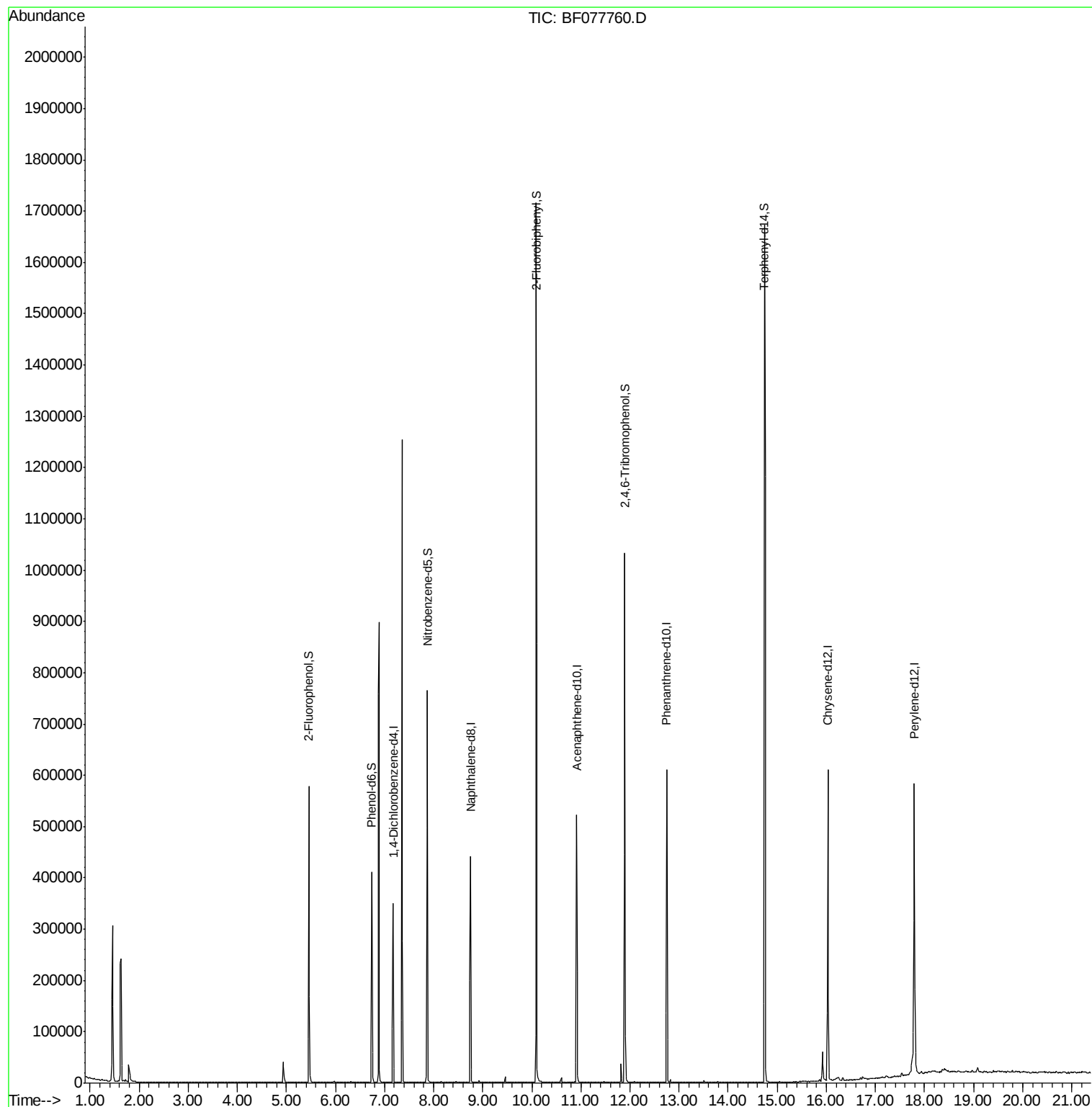
Target Compounds	Qvalue
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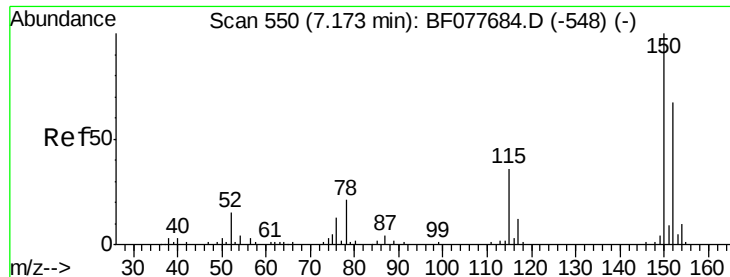
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077760.D

Acq: 16 Mar 2015 18:43

Instrument :

BNA_F

ClientSampleId :

FYMW-04

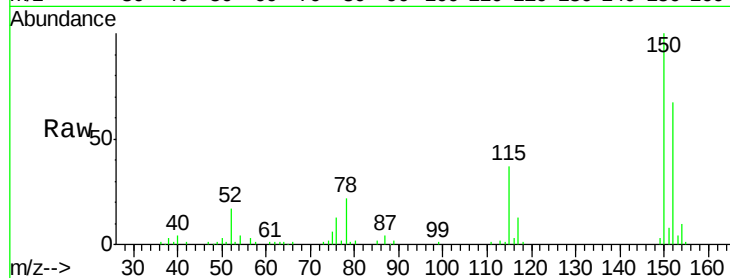
Tgt Ion:152 Resp: 59389

Ion Ratio Lower Upper

152 100

150 150.0 119.5 179.3

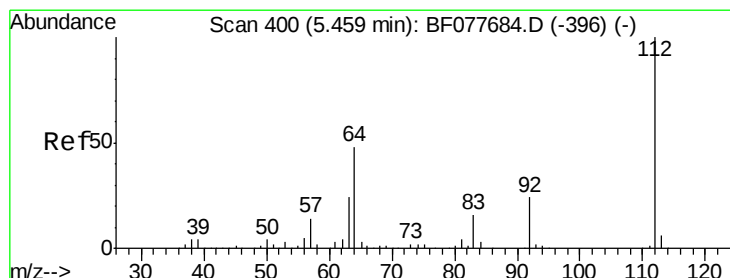
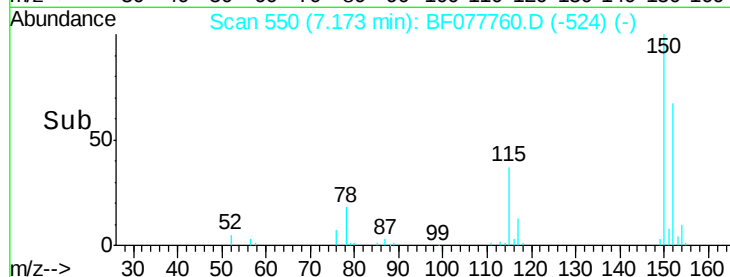
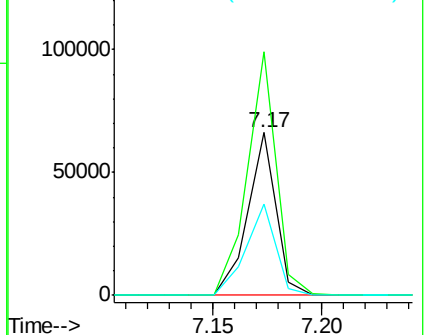
115 56.2 43.0 64.4



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: 53.78 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077760.D

Acq: 16 Mar 2015 18:43

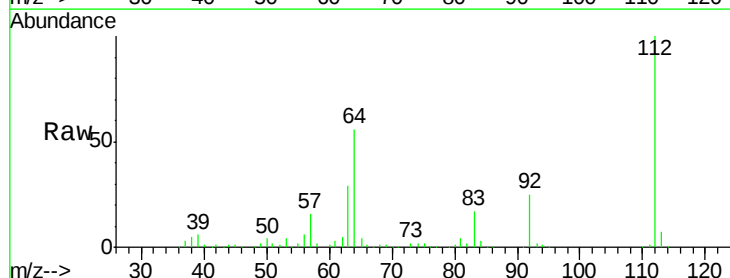
Tgt Ion:112 Resp: 182972

Ion Ratio Lower Upper

112 100

64 56.0 38.6 57.8

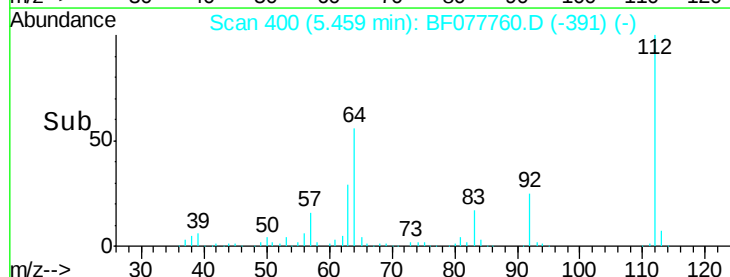
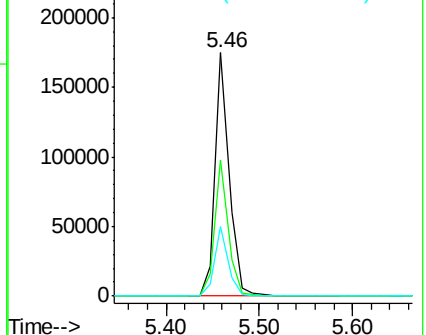
63 28.6 19.3 28.9



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: 34.36 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077760.D

Acq: 16 Mar 2015 18:43

Instrument :

BNA_F

ClientSampleId :

FYMW-04

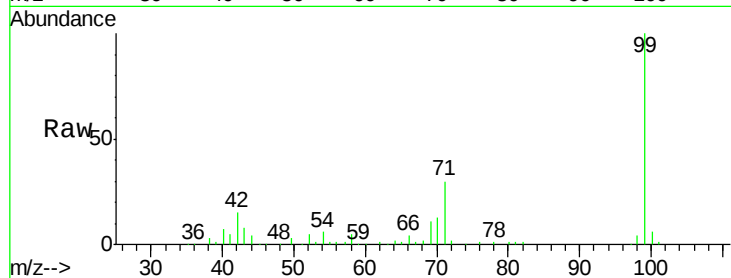
Tgt Ion: 99 Resp: 144419

Ion Ratio Lower Upper

99 100

42 15.1 11.0 16.4

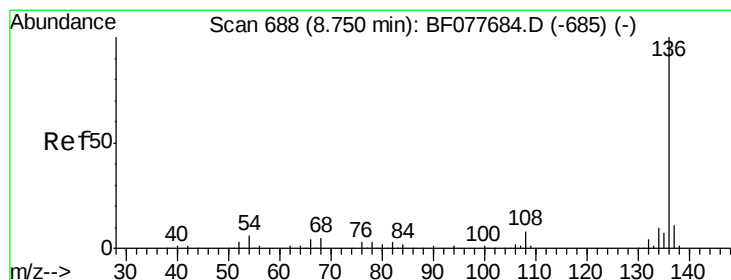
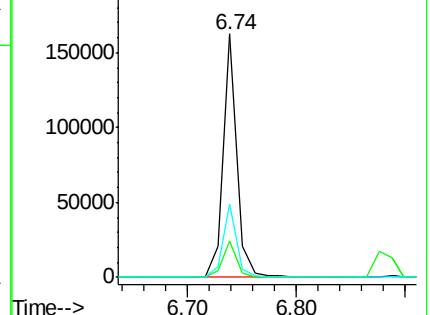
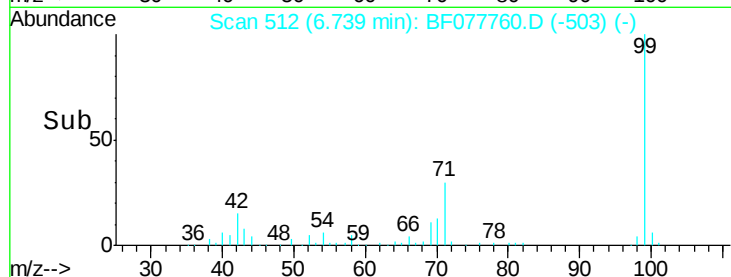
71 30.4 23.4 35.2



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: BF077760.D

Acq: 16 Mar 2015 18:43

Tgt Ion: 136 Resp: 237431

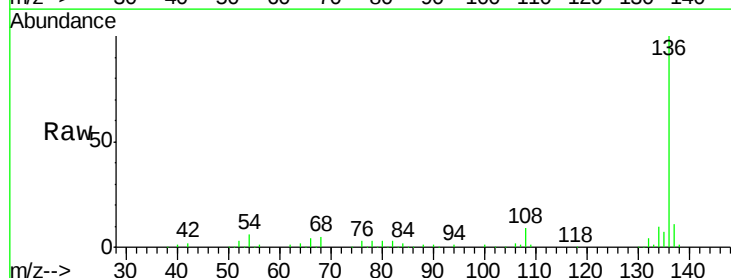
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.0 4.6 6.8

68 4.9 3.7 5.5

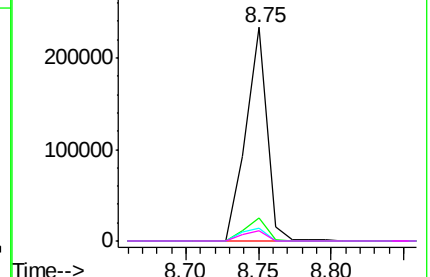
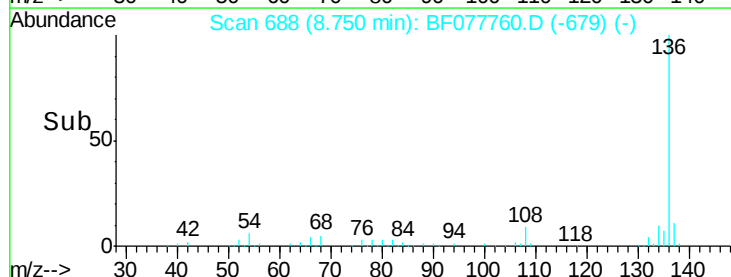


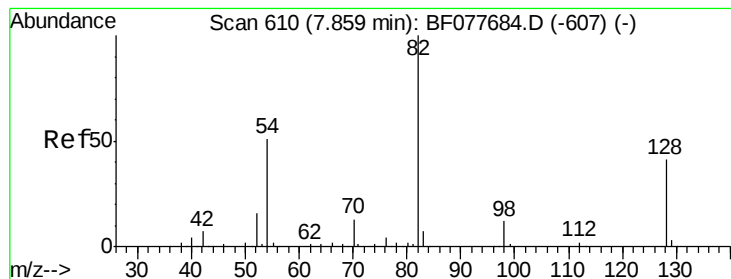
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.48 ng

RT: 7.87 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF077760.D

Acq: 16 Mar 2015 18:43

Instrument :

BNA_F

ClientSampleId :

FYMW-04

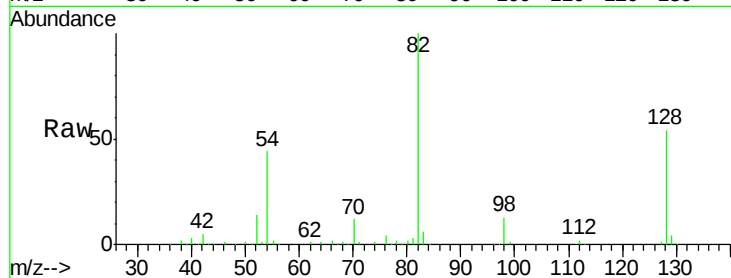
Tgt Ion: 82 Resp: 313247

Ion Ratio Lower Upper

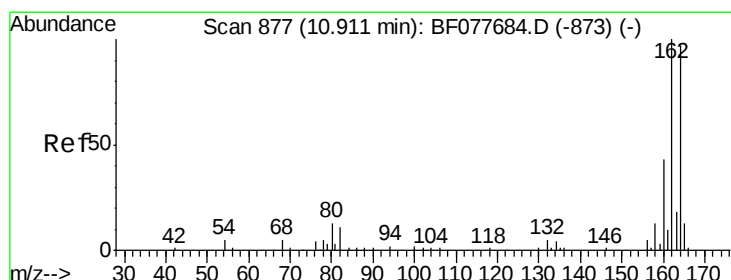
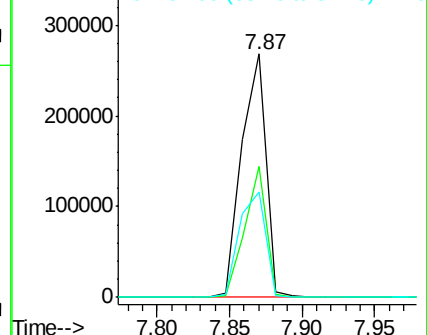
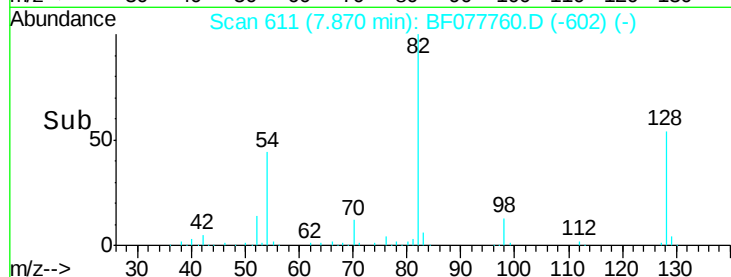
82 100

128 53.9 32.8 49.2#

54 43.5 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077760.D (-602) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077760.D

Acq: 16 Mar 2015 18:43

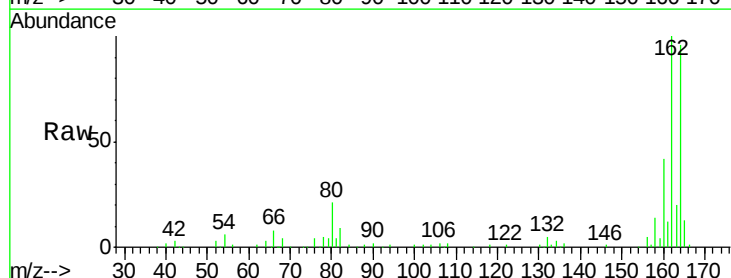
Tgt Ion: 164 Resp: 121073

Ion Ratio Lower Upper

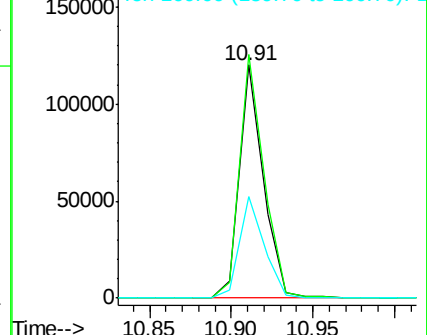
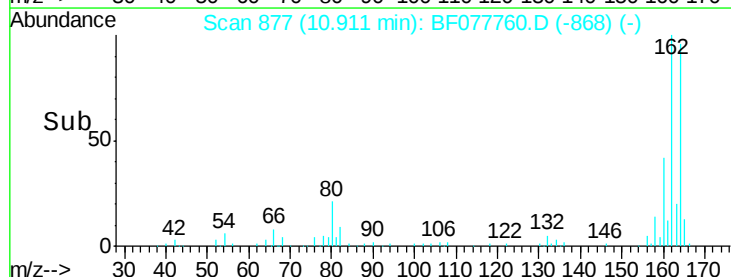
164 100

162 104.4 82.4 123.6

160 43.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF077760.D (-868) (-)

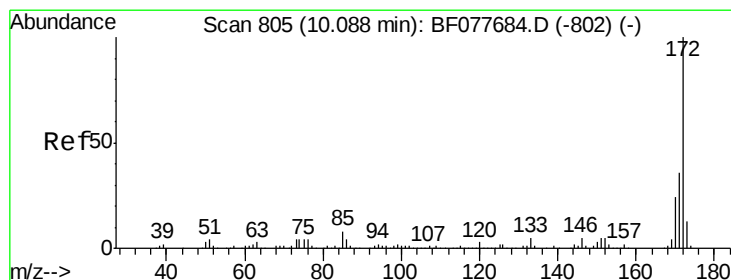
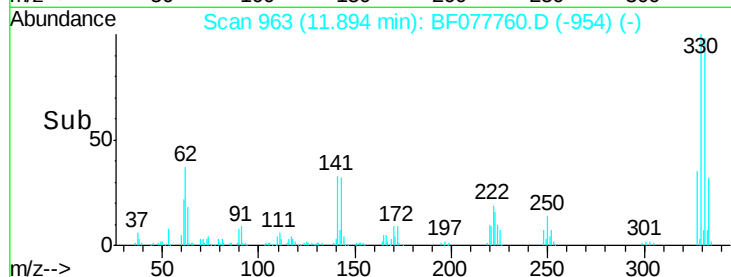
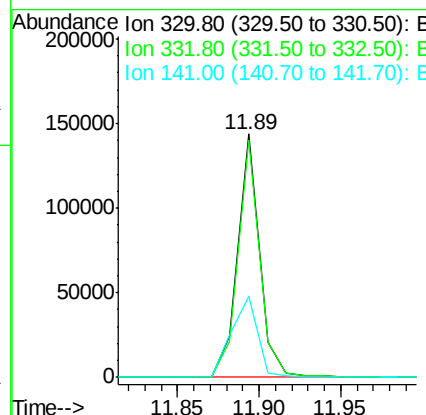
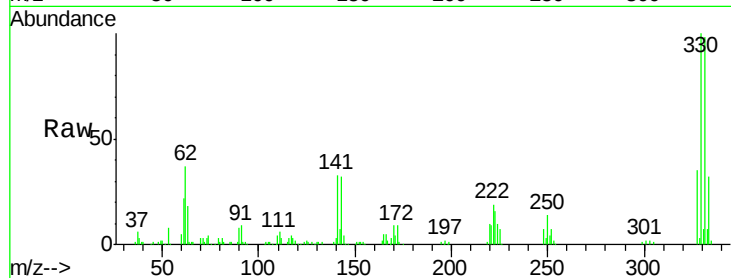




#41
 2,4,6-Tribromophenol
 Concen: 114.72 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077760.D
 Acq: 16 Mar 2015 18:43

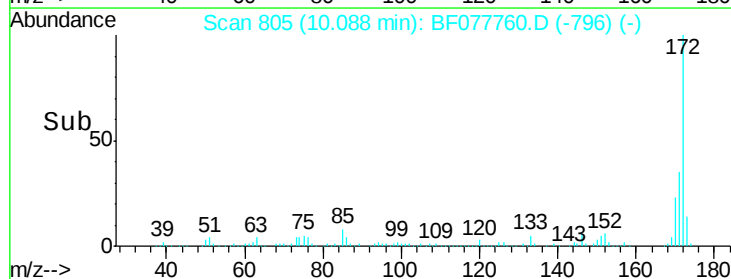
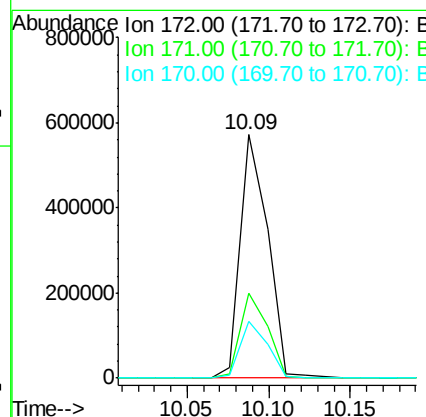
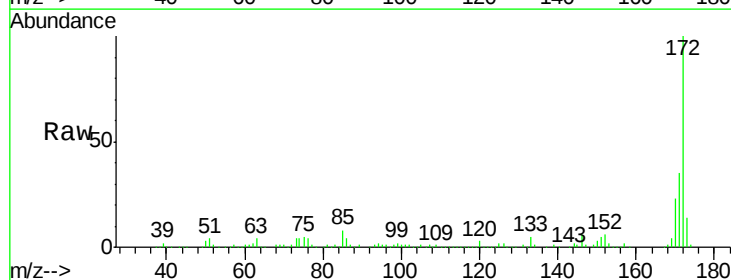
Instrument :
 BNA_F
 ClientSampleId :
 FYMW-04

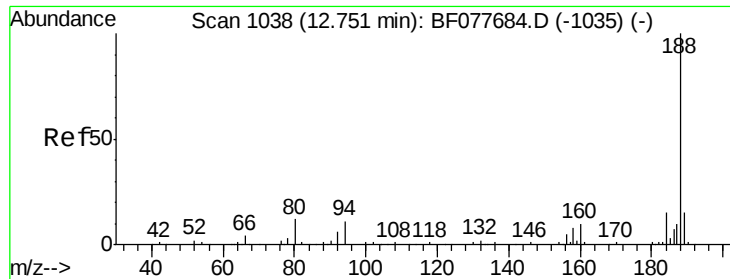
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	40.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 80.97 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077760.D
 Acq: 16 Mar 2015 18:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.3	18.8	28.2

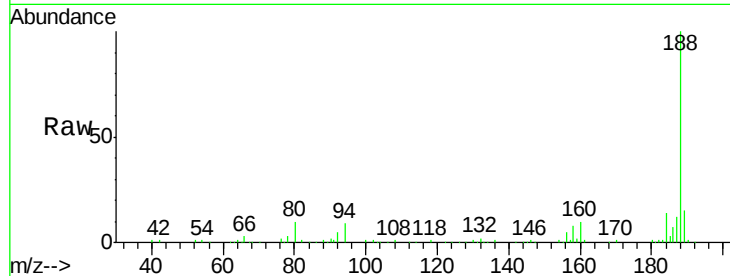




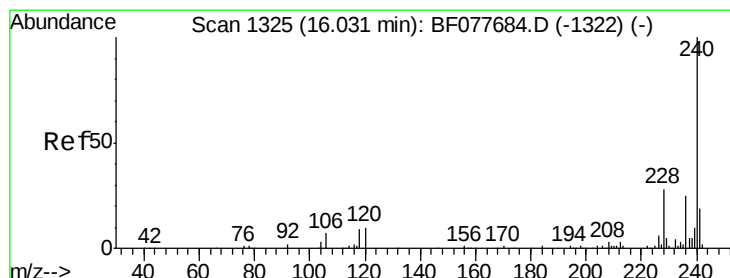
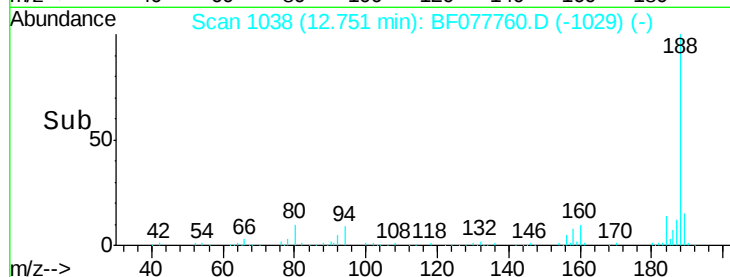
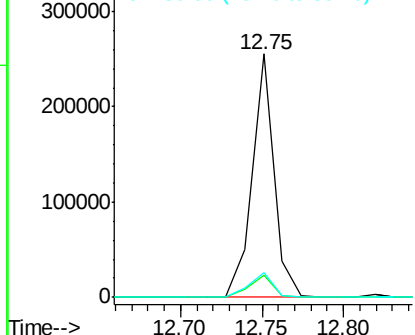
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF077760.D
 Acq: 16 Mar 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-04

Tgt Ion:188 Resp: 238284
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.7 13.1
 80 9.9 9.3 13.9

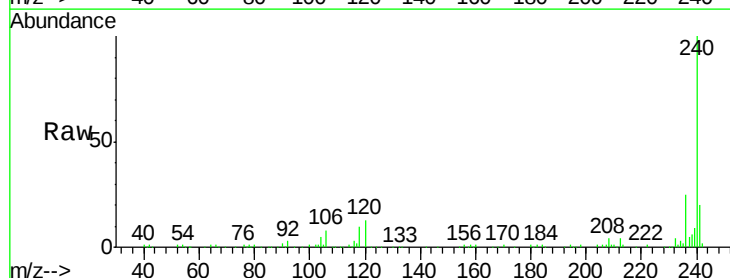


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

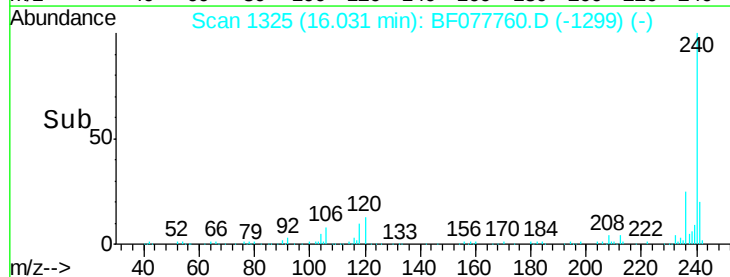
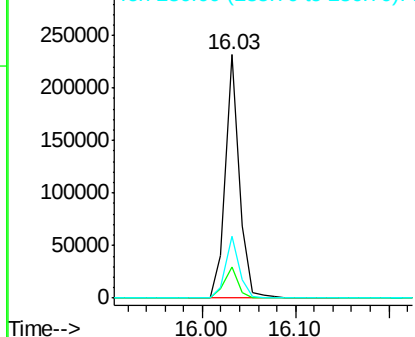


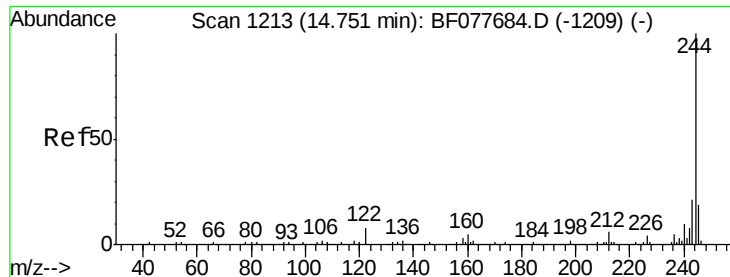
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF077760.D
 Acq: 16 Mar 2015 18:43

Tgt Ion:240 Resp: 242398
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.2 12.2#
 236 25.4 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: 76.00 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF077760.D

Acq: 16 Mar 2015 18:43

Instrument :

BNA_F

ClientSampleId :

FYMW-04

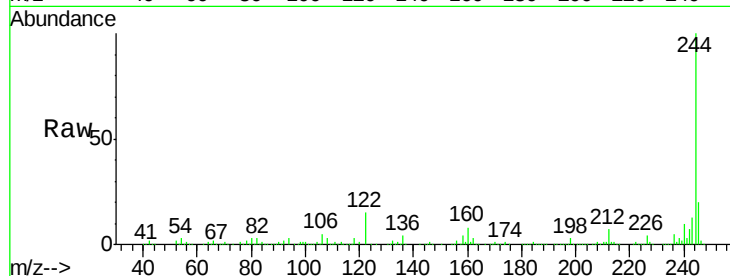
Tgt Ion:244 Resp: 754198

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

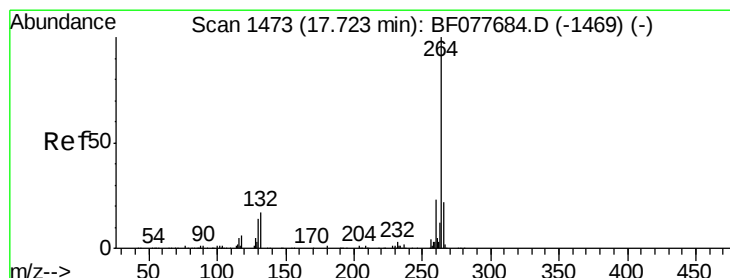
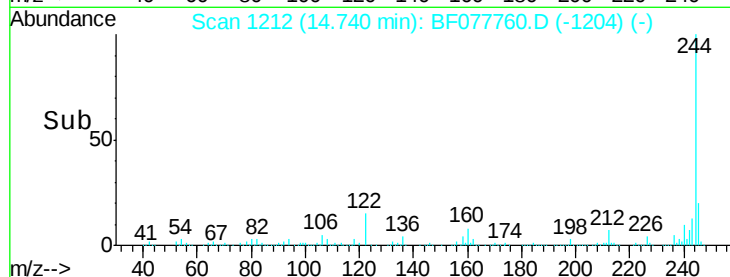
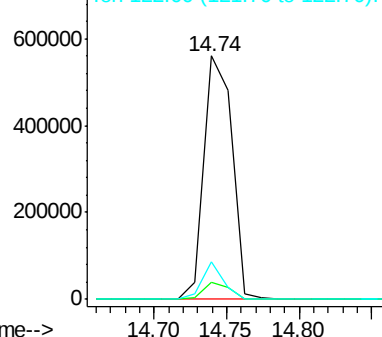
122 15.3 6.2 9.4#



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: 17.79 min Scan# 1479

Delta R.T. 0.03 min

Lab File: BF077760.D

Acq: 16 Mar 2015 18:43

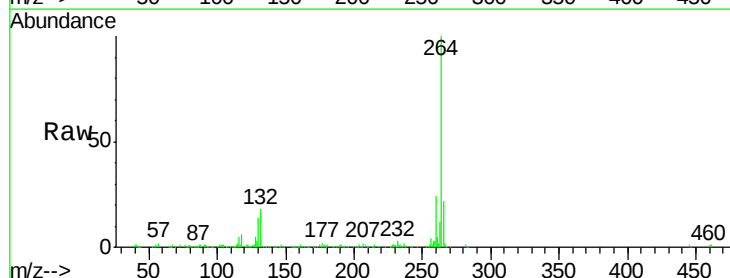
Tgt Ion:264 Resp: 232864

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.6 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

