

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077720.D
 Acq On : 12 Mar 2015 7:56
 Operator : TP/IZ
 Sample : G1466-04DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-085-3915DL

Quant Time: Mar 12 07:35:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

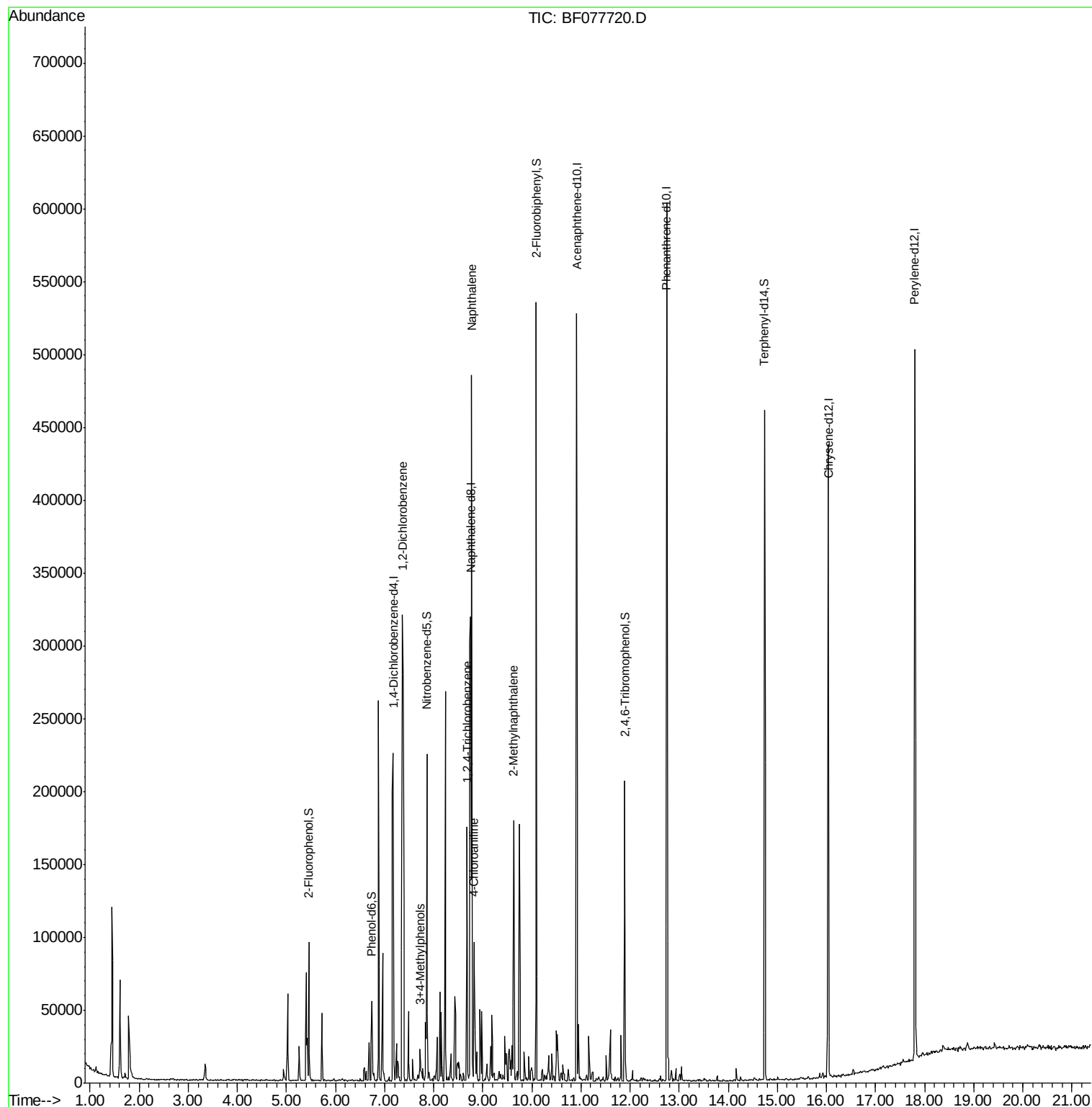
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	51553	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	220286	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	115212	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	229444	20.00	ng	0.00
75) Chrysene-d12	16.04	240	232204	20.00	ng	0.01
86) Perylene-d12	17.80	264	225305	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	33535	11.35	ng	0.00
7) Phenol-d6	6.74	99	23942	6.56	ng	0.00
23) Nitrobenzene-d5	7.86	82	68155	20.28	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	29680	26.92	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	164067	20.93	ng	0.00
78) Terphenyl-d14	14.74	244	183832	19.34	ng	-0.01
Target Compounds						
14) 1,2-Dichlorobenzene	7.37	146	93923	25.22	ng	# 92
20) 3+4-Methylphenols	7.72	107	9845	2.62	ng	# 38
30) 1,2,4-Trichlorobenzene	8.68	180	41953	12.18	ng	98
31) Naphthalene	8.77	128	224285	19.82	ng	99
33) 4-Chloroaniline	8.82	127	47334	10.31	ng	# 89
37) 2-Methylnaphthalene	9.63	142	51405	6.76	ng	98

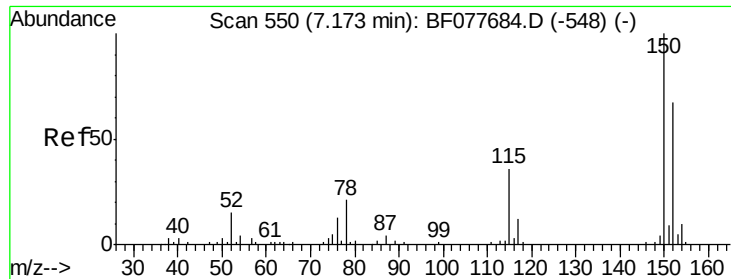
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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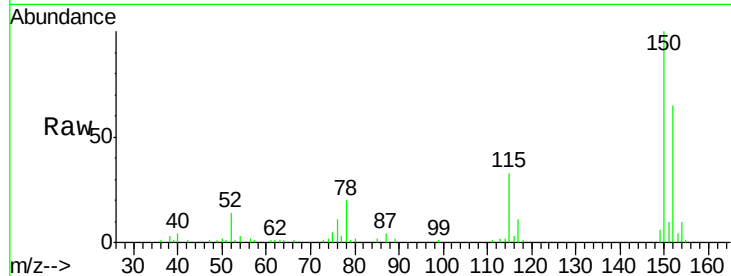




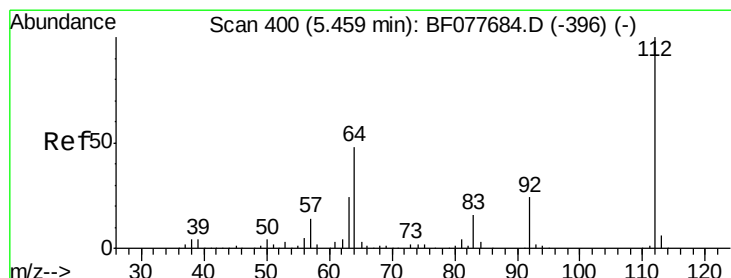
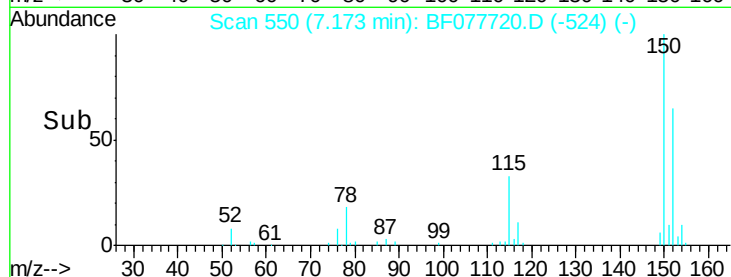
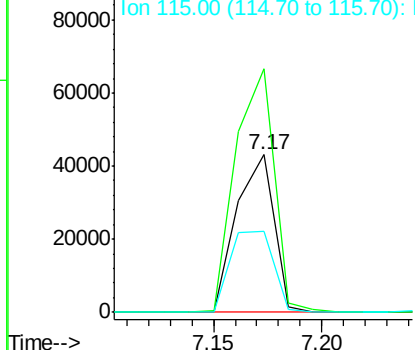
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.17 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-085-3915DL

Tgt Ion:152 Resp: 51553
 Ion Ratio Lower Upper
 152 100
 150 154.8 119.5 179.3
 115 51.6 43.0 64.4

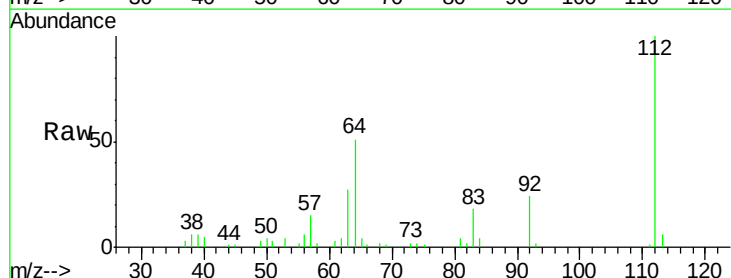


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

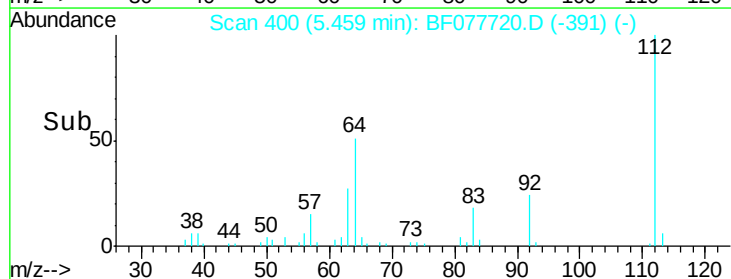
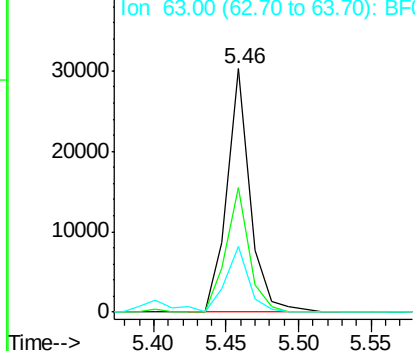


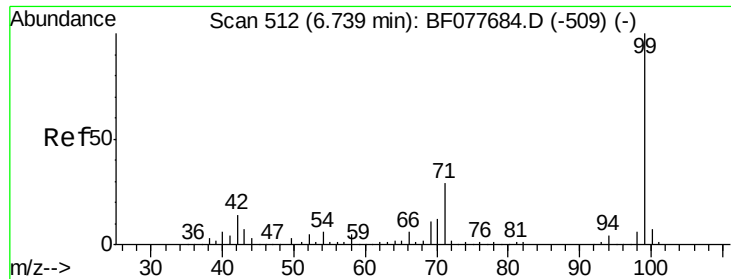
#5
 2-Fluorophenol
 Concen: 11.35 ng
 RT: 5.46 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

Tgt Ion:112 Resp: 33535
 Ion Ratio Lower Upper
 112 100
 64 50.9 38.6 57.8
 63 27.0 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: 6.56 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077720.D

Acq: 12 Mar 2015 7:56

Instrument :

BNA_F

ClientSampleId :

DCW-WW-085-3915DL

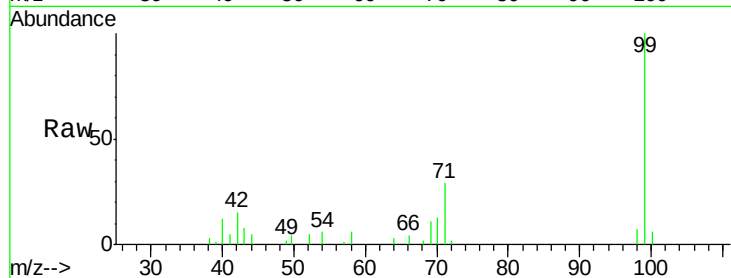
Tgt Ion: 99 Resp: 23942

Ion Ratio Lower Upper

99 100

42 14.6 11.0 16.4

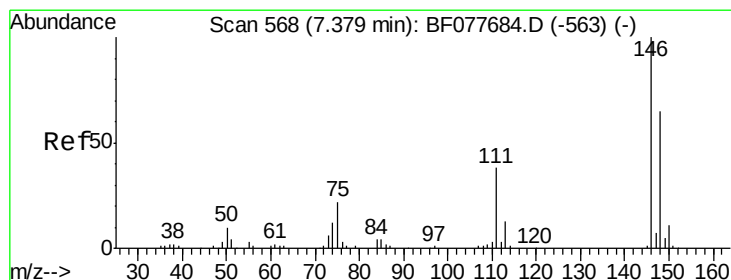
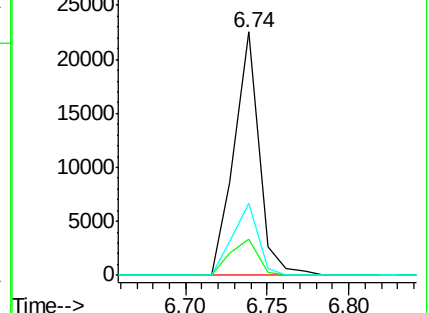
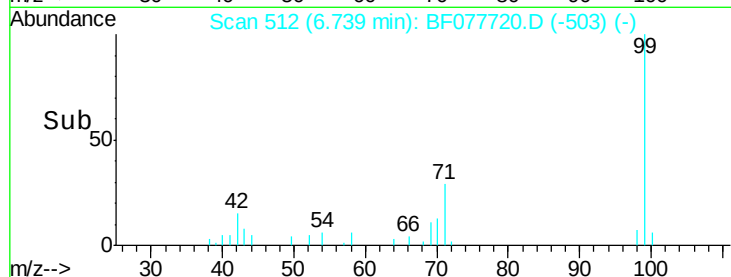
71 29.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077720.D (-503) (-)

Ion 42.00 (41.70 to 42.70): BF077720.D (-503) (-)

Ion 71.00 (70.70 to 71.70): BF077720.D (-503) (-)



#14

1,2-Dichlorobenzene

Concen: 25.22 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF077720.D

Acq: 12 Mar 2015 7:56

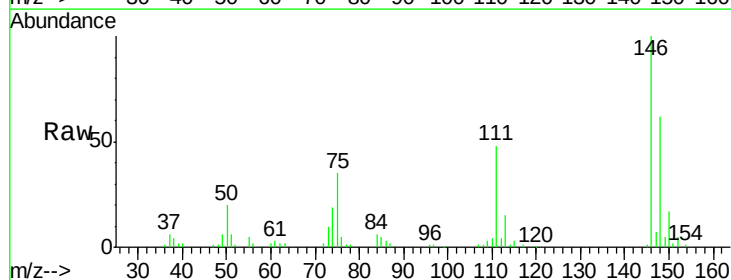
Tgt Ion: 146 Resp: 93923

Ion Ratio Lower Upper

146 100

148 62.3 52.3 78.5

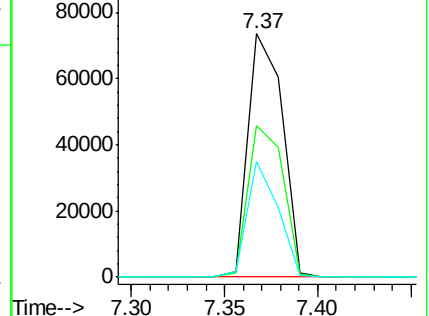
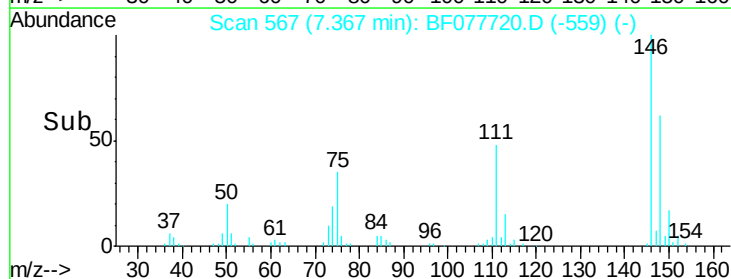
111 47.6 30.6 45.8#

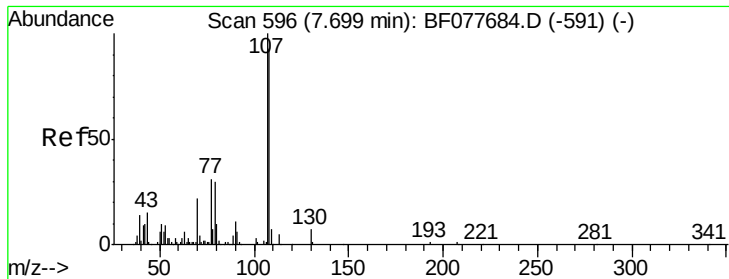


Abundance Ion 146.00 (145.70 to 146.70): BF077720.D (-559) (-)

Ion 148.00 (147.70 to 148.70): BF077720.D (-559) (-)

Ion 111.00 (110.70 to 111.70): BF077720.D (-559) (-)





#20

3+4-Methylphenols

Concen: 2.62 ng

RT: 7.72 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF077720.D

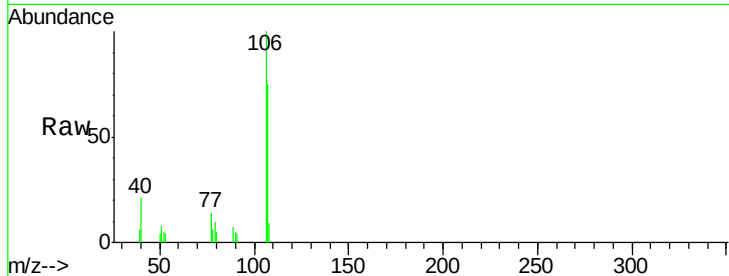
Acq: 12 Mar 2015 7:56

Instrument :

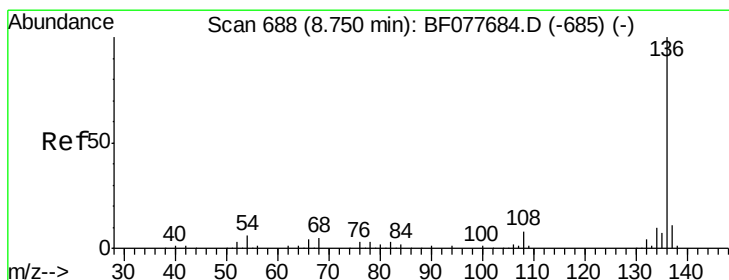
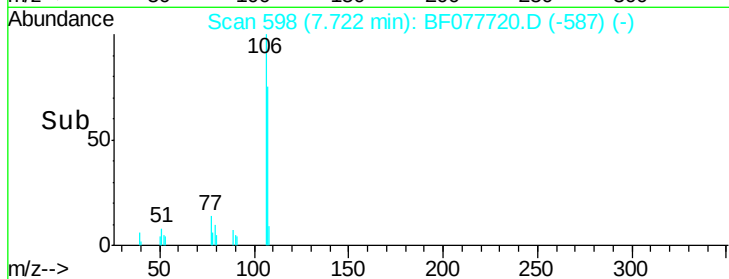
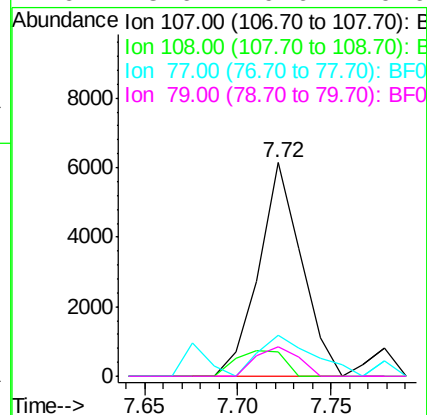
BNA_F

ClientSampleId :

DCW-WW-085-3915DL



Tgt Ion:	107	Resp:	9845
Ion	Ratio	Lower	Upper
107	100		
108	11.5	73.2	113.2#
77	19.0	10.7	50.7
79	13.6	9.6	49.6



#21

Naphthalene-d8

Concen: 20.00 ng

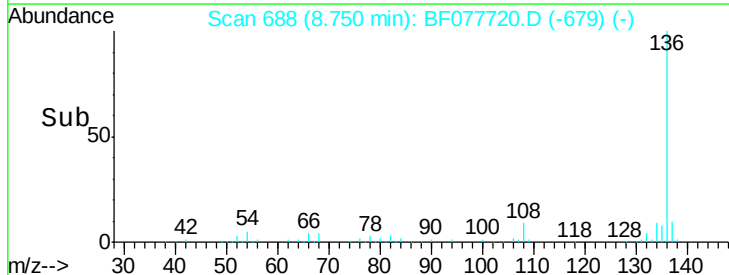
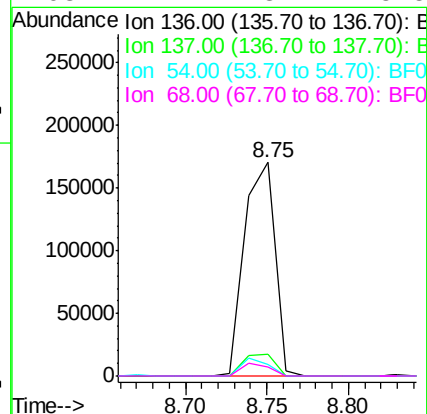
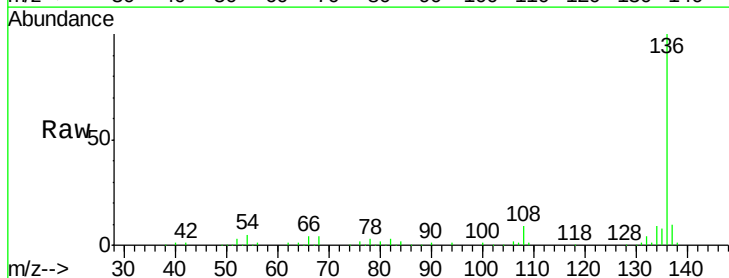
RT: 8.75 min Scan# 688

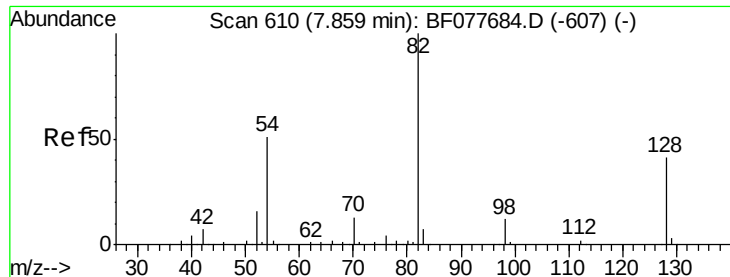
Delta R.T. -0.00 min

Lab File: BF077720.D

Acq: 12 Mar 2015 7:56

Tgt Ion:	136	Resp:	220286
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	5.3	4.6	6.8
68	4.1	3.7	5.5

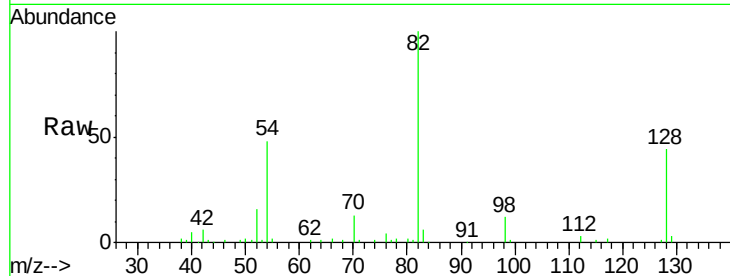




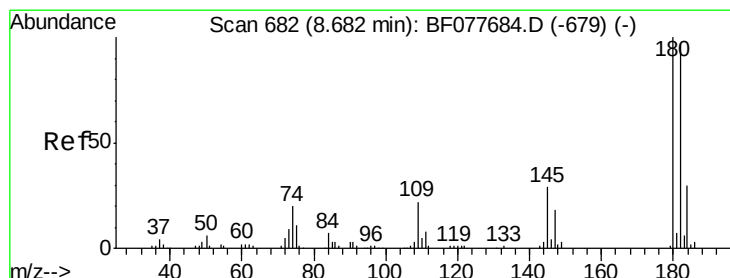
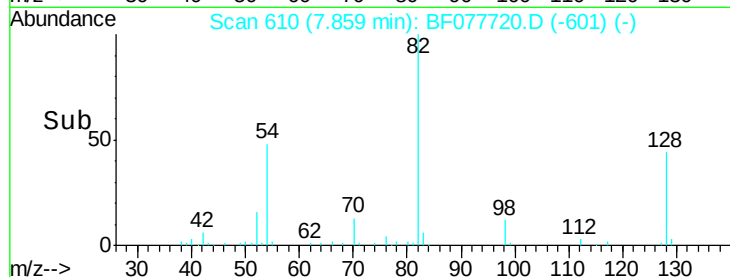
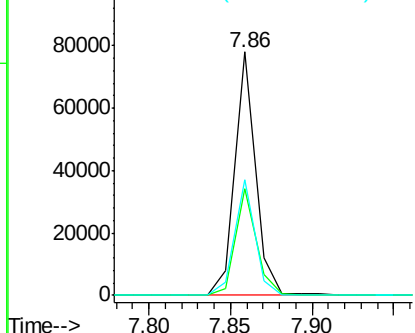
#23
 Nitrobenzene-d5
 Concen: 20.28 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-085-3915DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.8	49.2
54	47.5	40.6	60.8

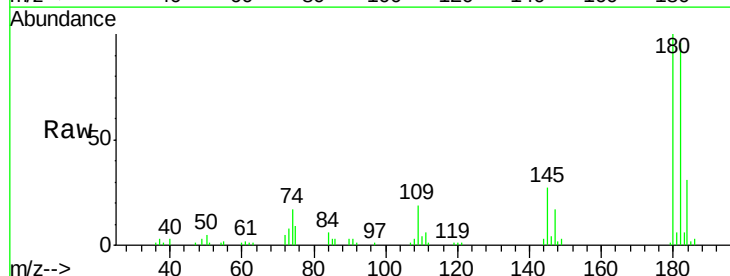


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

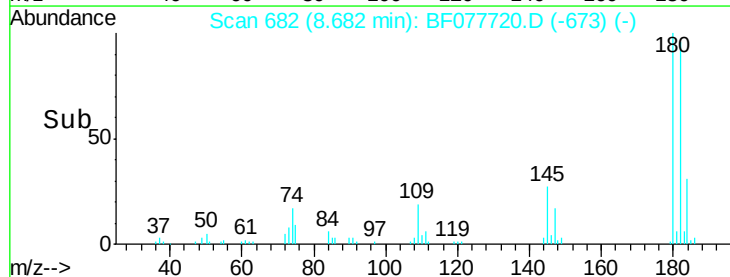
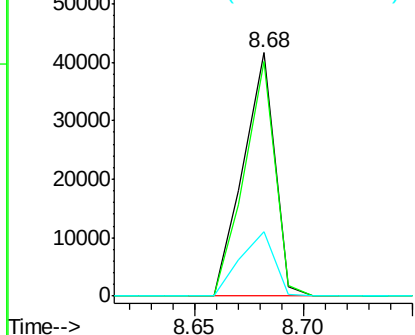


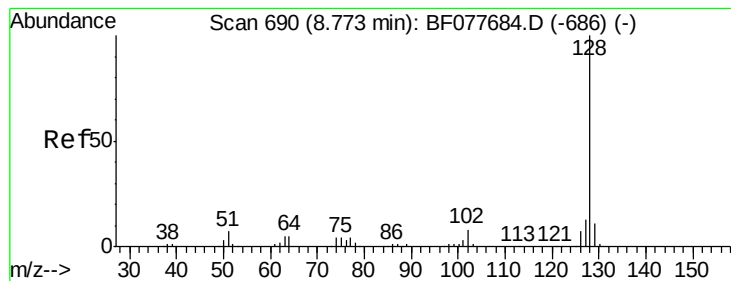
#30
 1,2,4-Trichlorobenzene
 Concen: 12.18 ng
 RT: 8.68 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.6	116.4
145	26.6	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): B
 Ion 182.00 (181.70 to 182.70): B
 Ion 145.00 (144.70 to 145.70): B





#31

Naphthalene

Concen: 19.82 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077720.D

Acq: 12 Mar 2015 7:56

Instrument :

BNA_F

ClientSampleId :

DCW-WW-085-3915DL

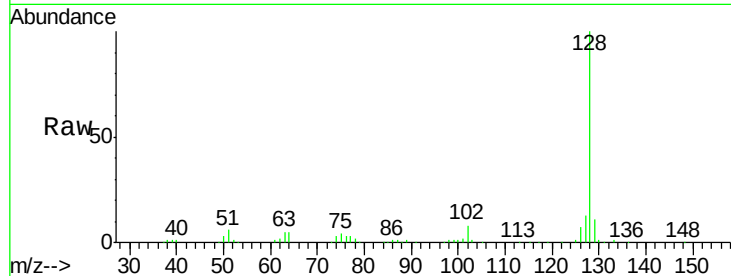
Tgt Ion:128 Resp: 224285

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

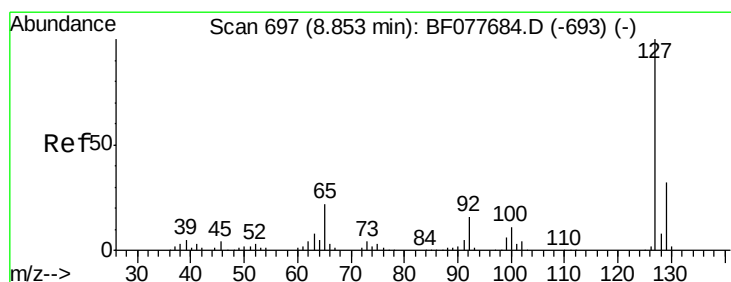
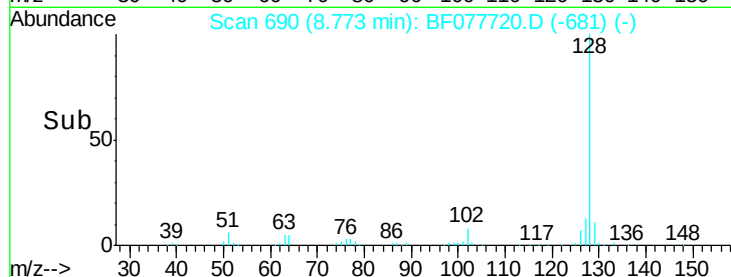
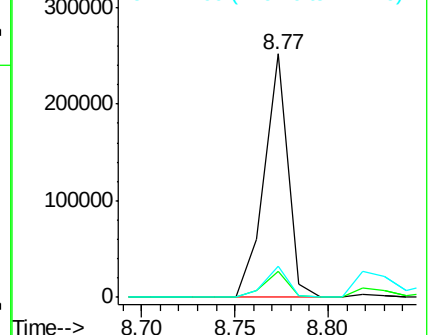
127 12.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 10.31 ng

RT: 8.82 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF077720.D

Acq: 12 Mar 2015 7:56

Tgt Ion:127 Resp: 47334

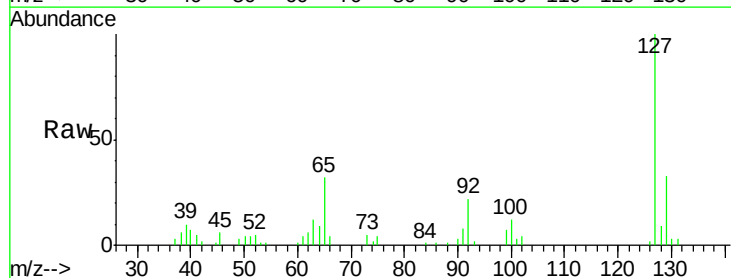
Ion Ratio Lower Upper

127 100

129 33.2 25.3 37.9

65 31.8 17.6 26.4#

92 21.6 13.1 19.7#

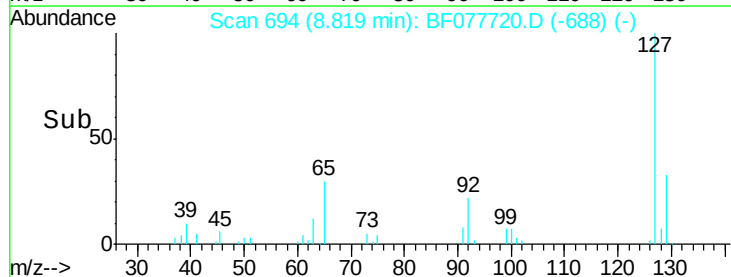
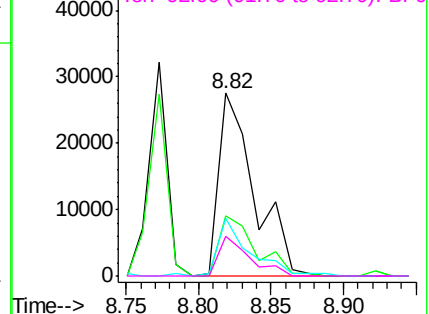


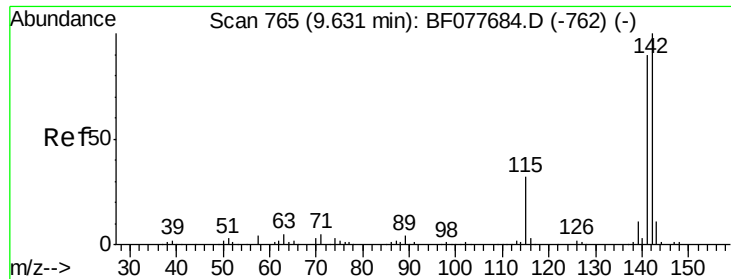
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

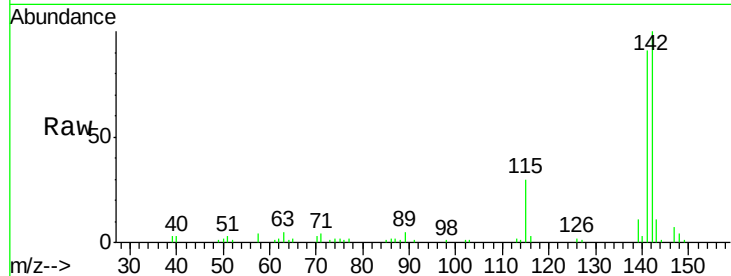




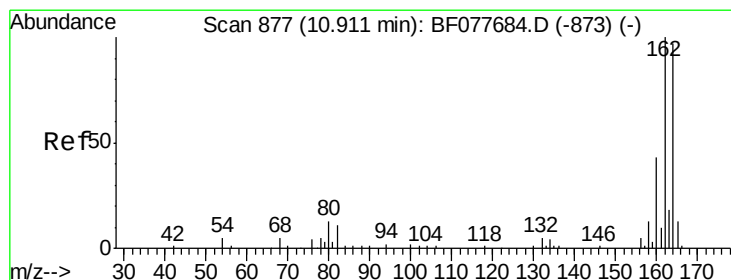
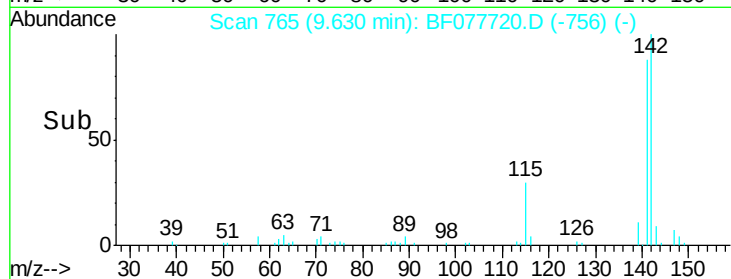
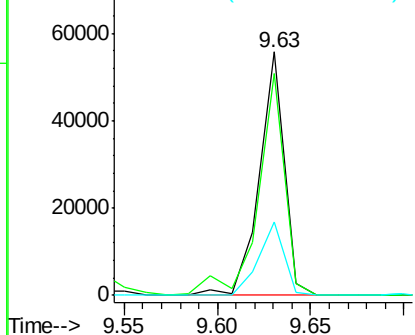
#37
 2-Methylnaphthalene
 Concen: 6.76 ng
 RT: 9.63 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

Instrument :
 BNA_F
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 DCW-WW-085-3915DL

Tgt Ion:142 Resp: 51405
 Ion Ratio Lower Upper
 142 100
 141 91.2 71.9 107.9
 115 30.0 25.4 38.0

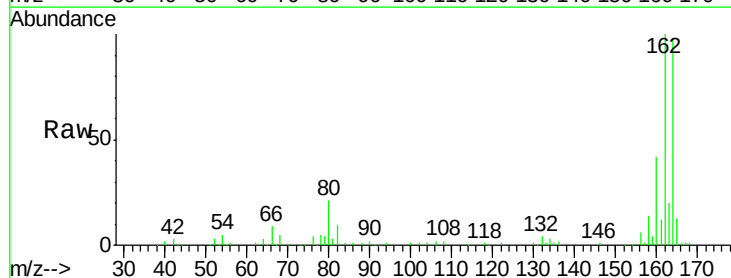


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

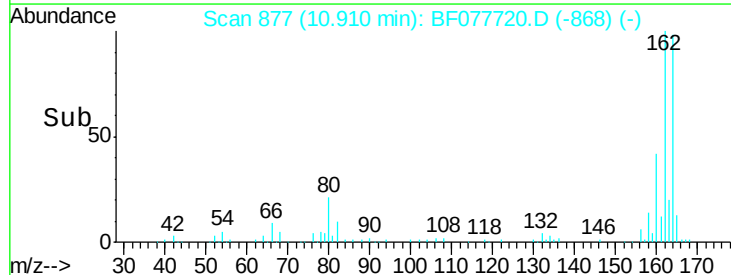
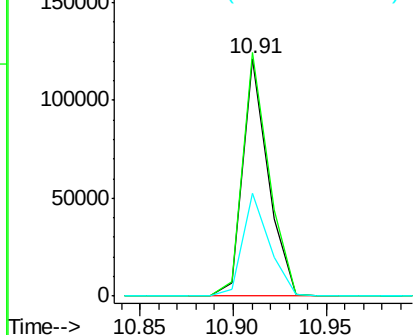


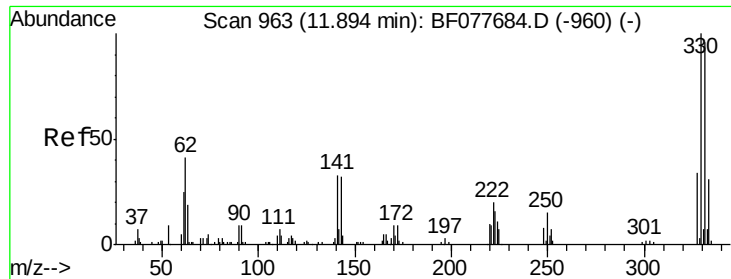
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

Tgt Ion:164 Resp: 115212
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.4 123.6
 160 43.5 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

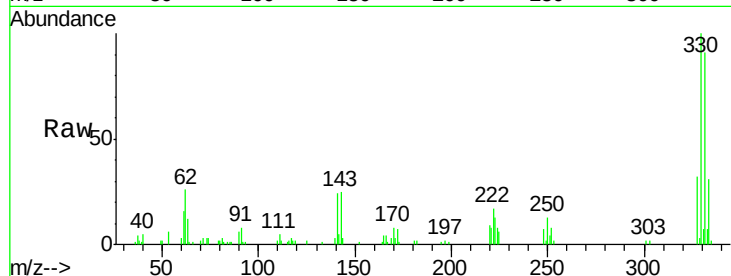




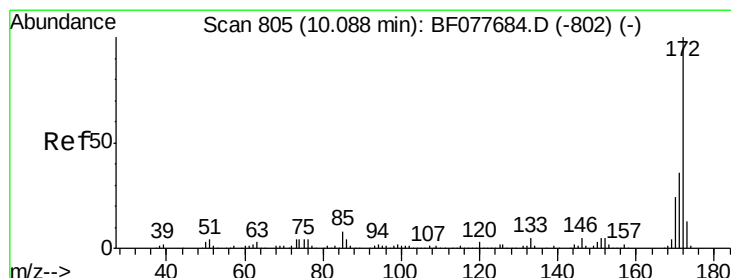
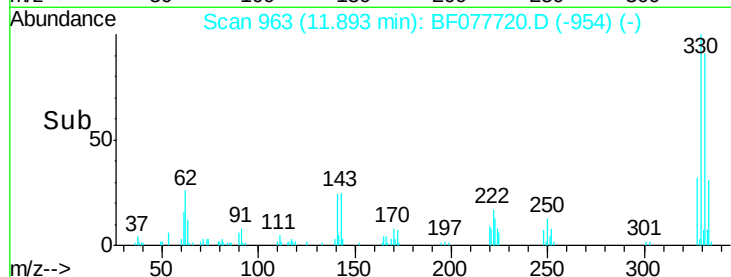
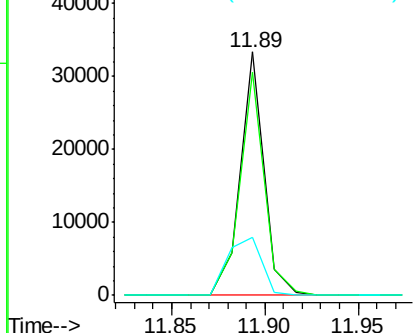
#41
 2,4,6-Tribromophenol
 Concen: 26.92 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-085-3915DL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.5	0.0	0.0#
141	34.6	0.0	0.0#

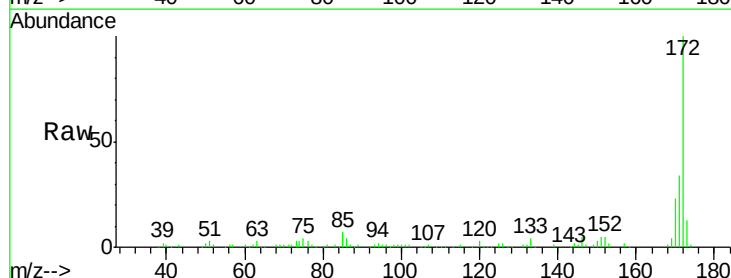


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

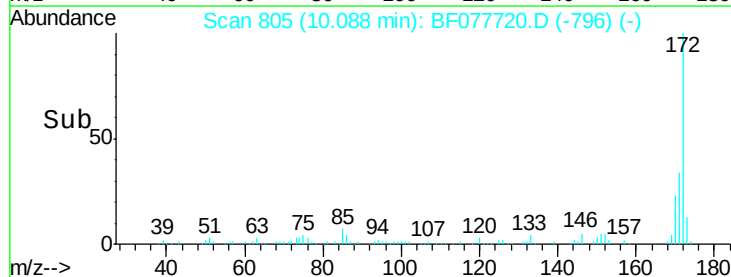
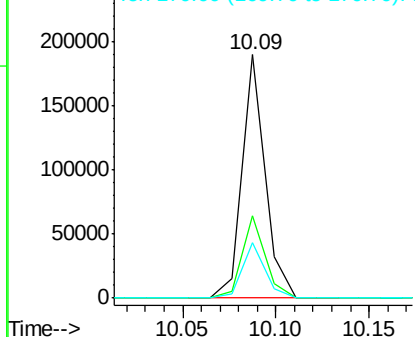


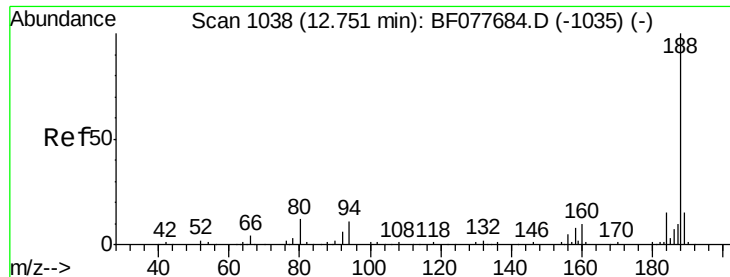
#44
 2-Fluorobiphenyl
 Concen: 20.93 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	22.6	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

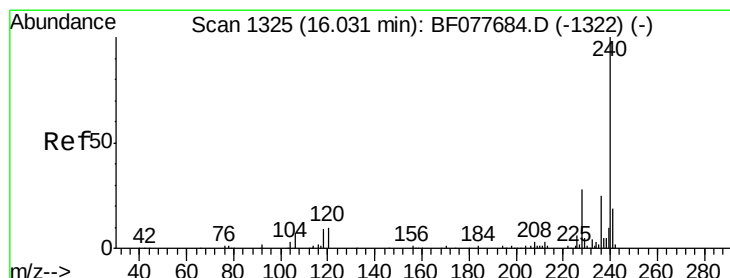
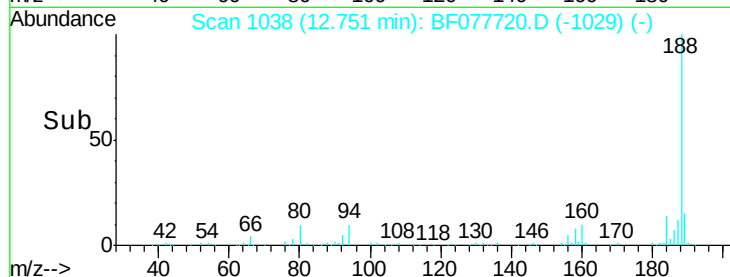
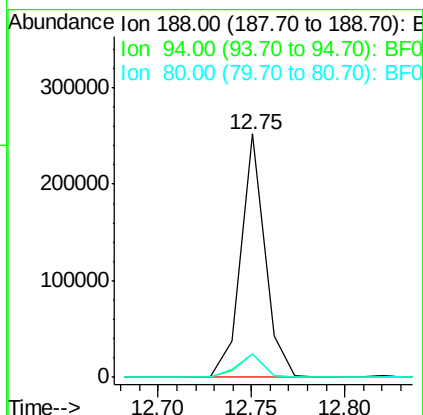
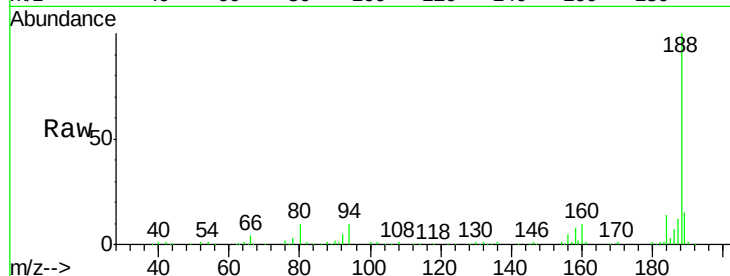




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077720.D
Acq: 12 Mar 2015 7:56

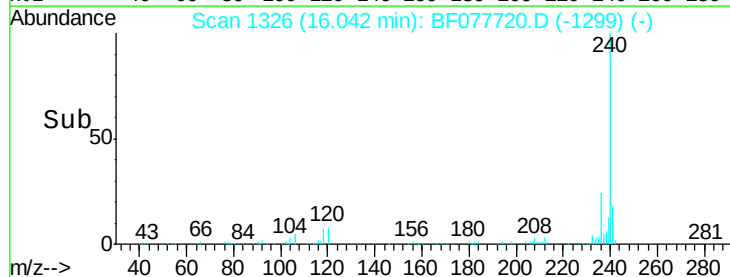
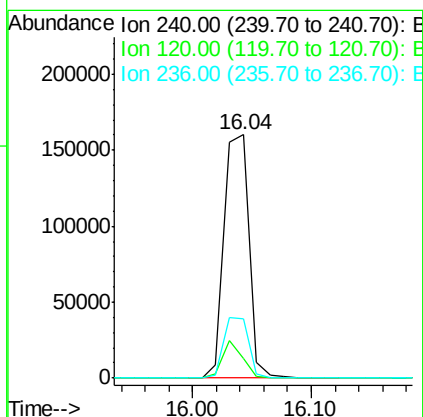
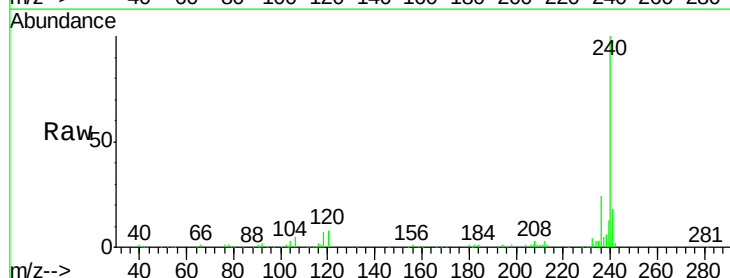
Instrument :
BNA_F
ClientSampleId :
DCW-WW-085-3915DL

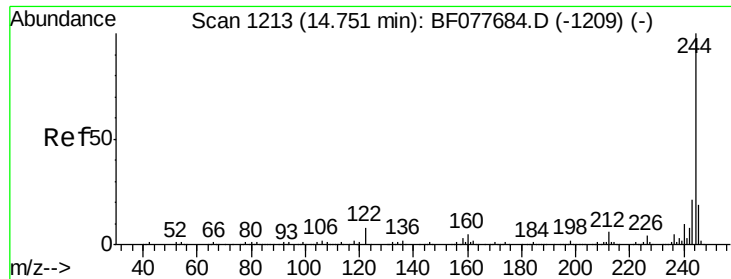
Tgt Ion:188 Resp: 229444
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 9.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077720.D
Acq: 12 Mar 2015 7:56

Tgt Ion:240 Resp: 232204
Ion Ratio Lower Upper
240 100
120 7.9 8.2 12.2#
236 24.1 20.0 30.0

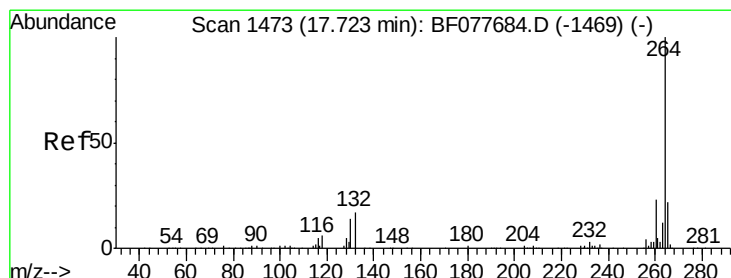
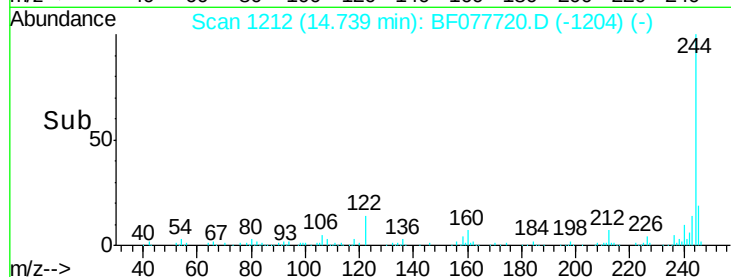
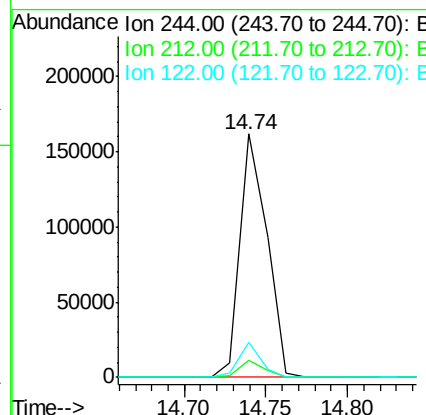
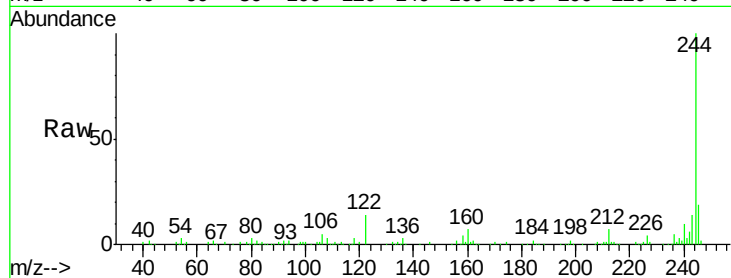




#78
 Terphenyl-d14
 Concen: 19.34 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-085-3915DL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	14.4	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.80 min Scan# 1480
 Delta R.T. 0.08 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.3	17.3	25.9

