

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 08:36:54 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

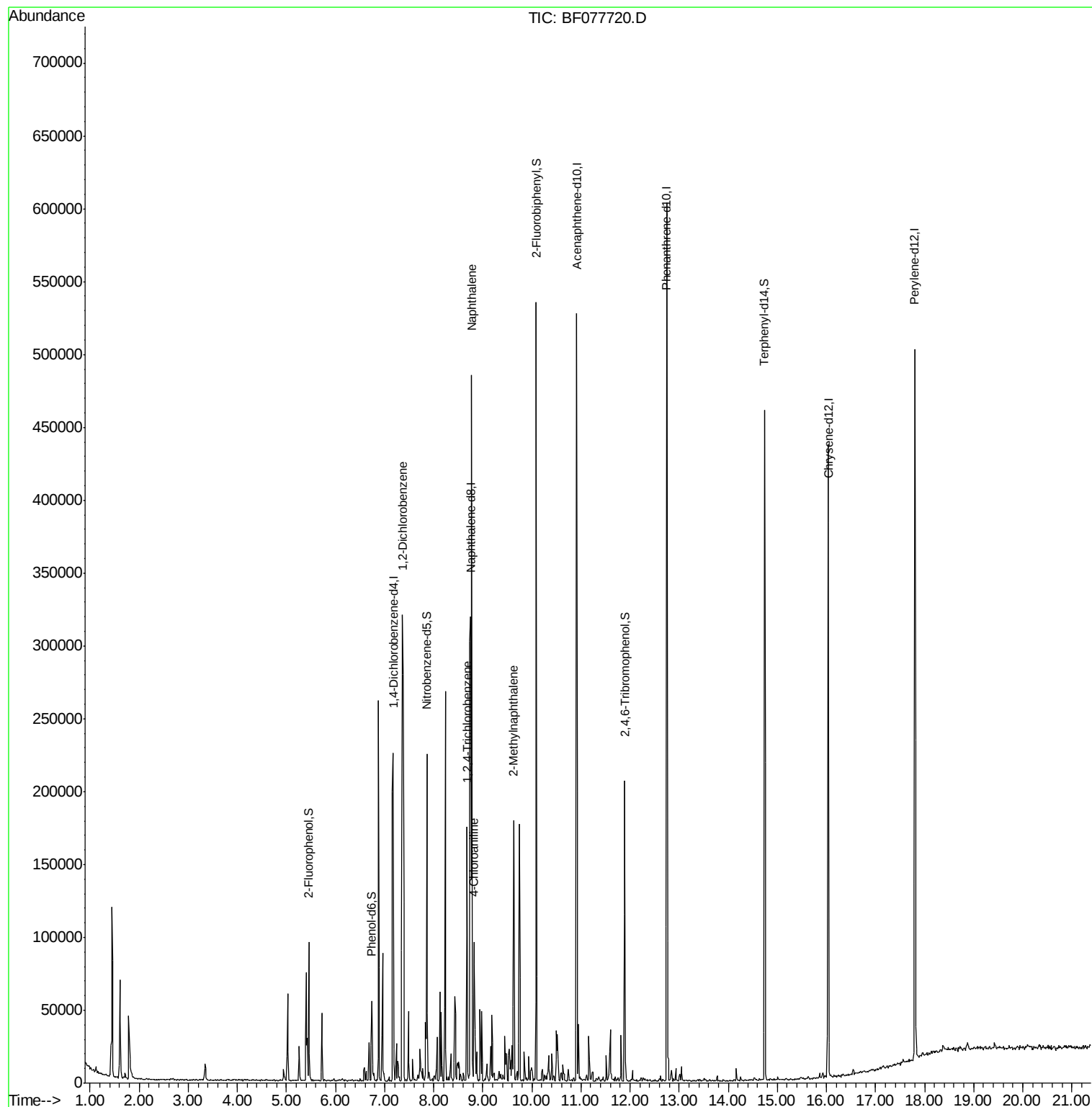
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	51553	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	220286	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	115212	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	229444	20.00	ng	0.00
75) Chrysene-d12	16.04	240	232204	20.00	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
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

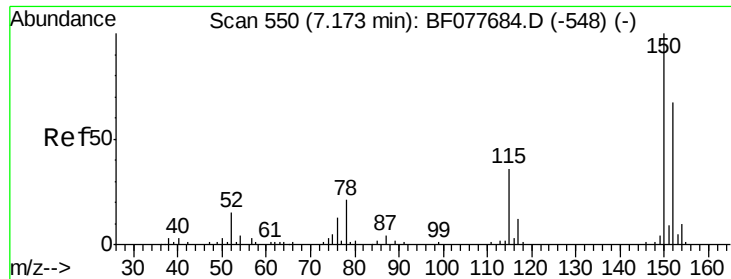
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 08:36:54 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





#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

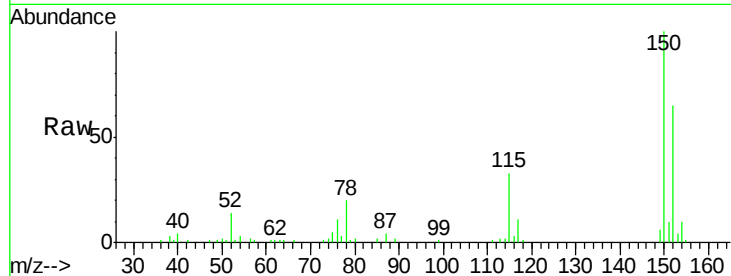
Tot Ion:152 Resp: 51553

Ion Ratio Lower Upper

152 100

150 154.8 119.5 179.3

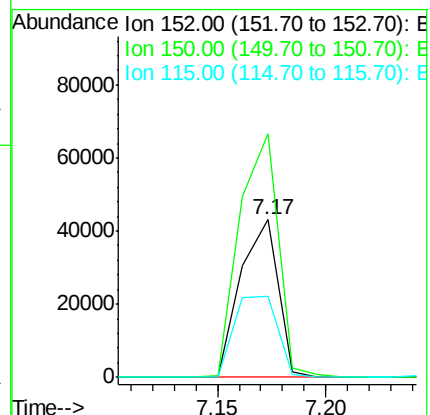
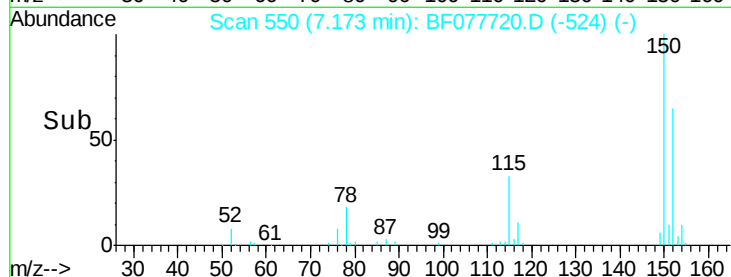
115 51.6 43.0 64.4



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

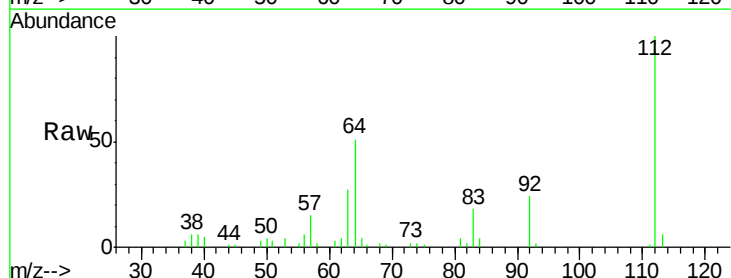
Tgt Ion:112 Resp: 33535

Ion Ratio Lower Upper

112 100

64 50.9 38.6 57.8

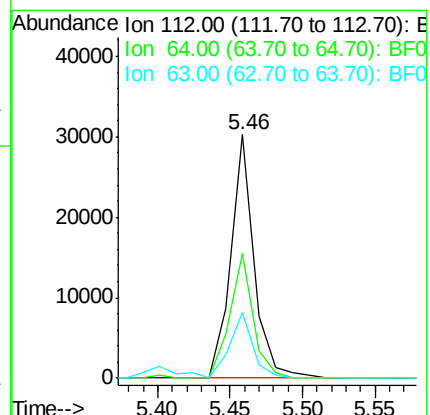
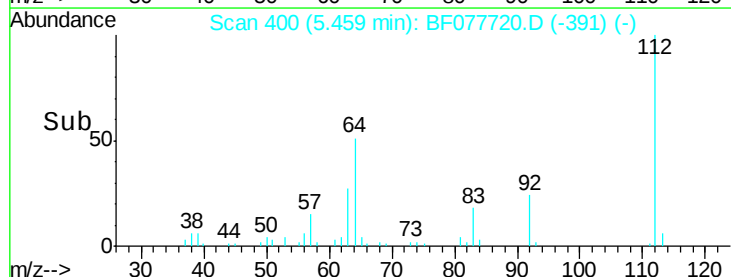
63 27.0 19.3 28.9

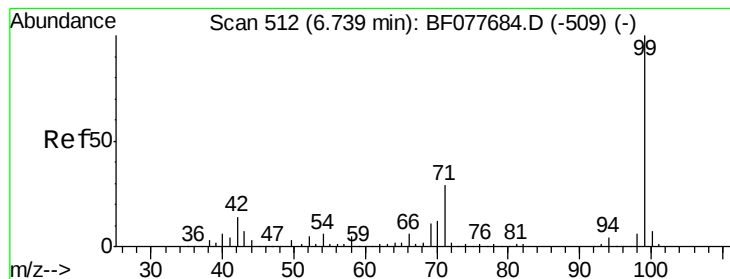


Abundance Ion 112.00 (111.70 to 112.70): E

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

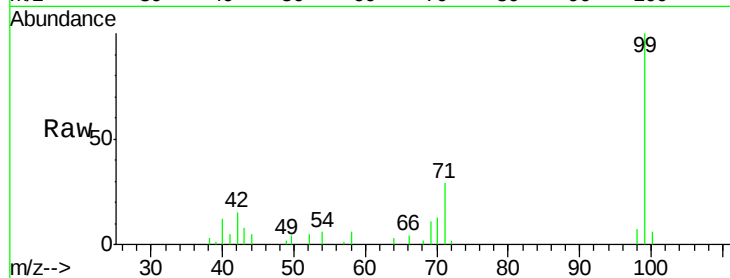
Tot Ion: 99 Resp: 23942

Ion Ratio Lower Upper

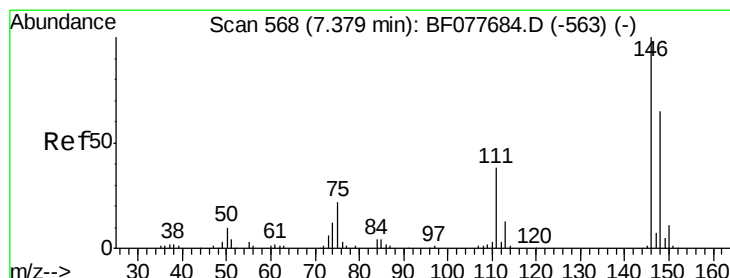
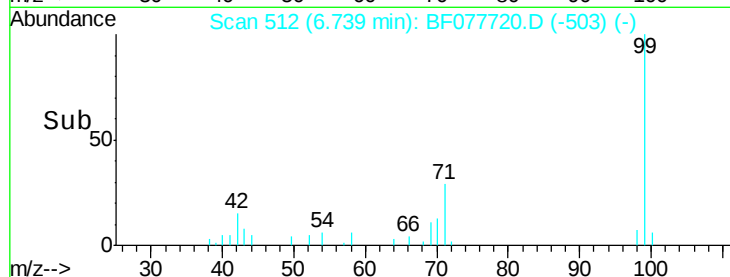
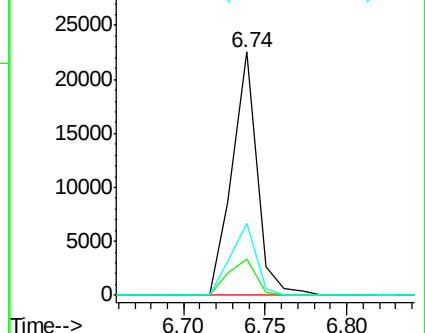
99 100

42 14.6 11.0 16.4

71 29.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#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

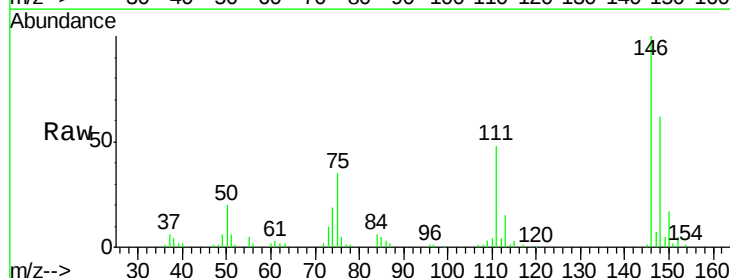
Tgt Ion: 146 Resp: 93923

Ion Ratio Lower Upper

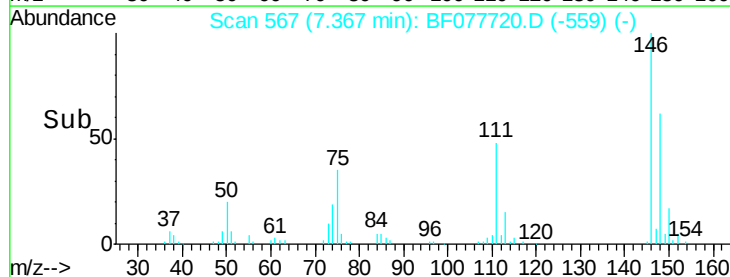
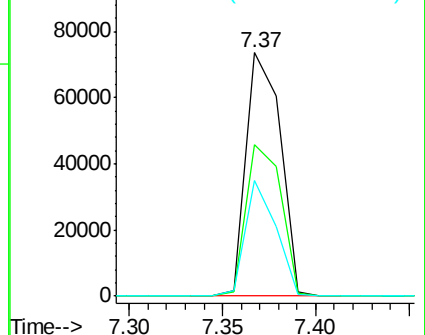
146 100

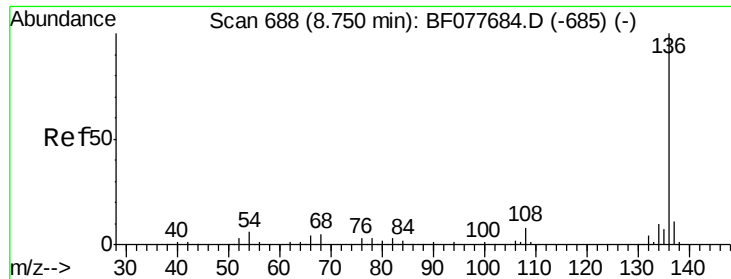
148 62.3 52.3 78.5

111 47.6 30.6 45.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

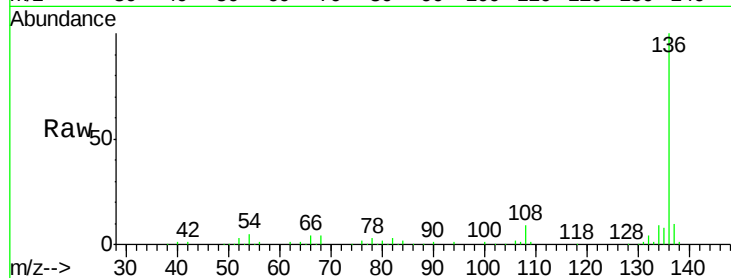




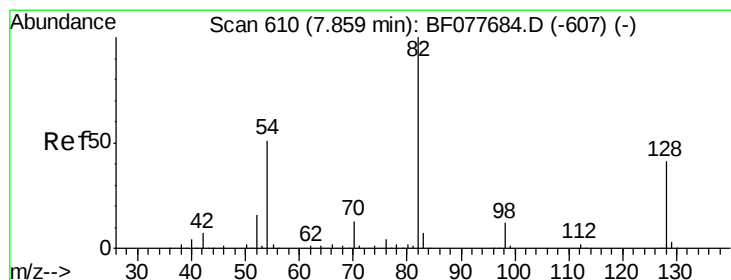
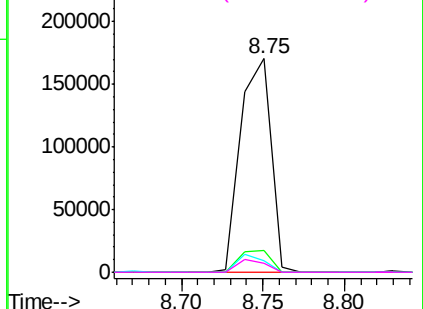
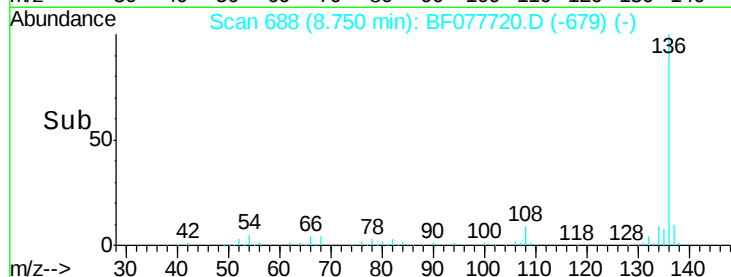
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF077720.D
Acq: 12 Mar 2015 7:56

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

Tot 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

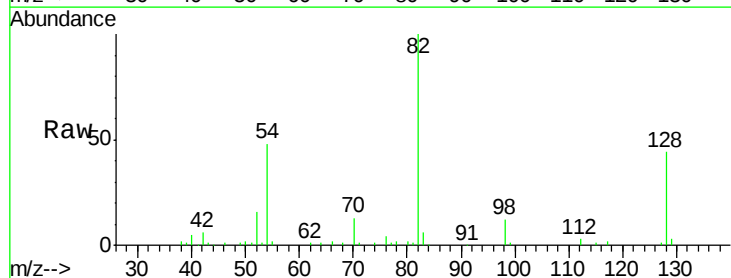


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

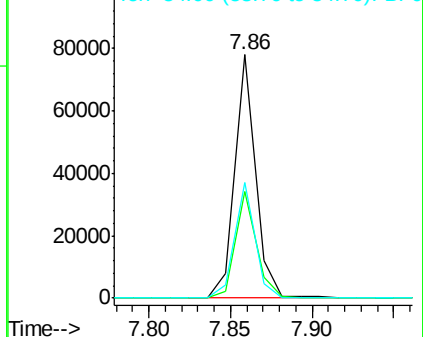
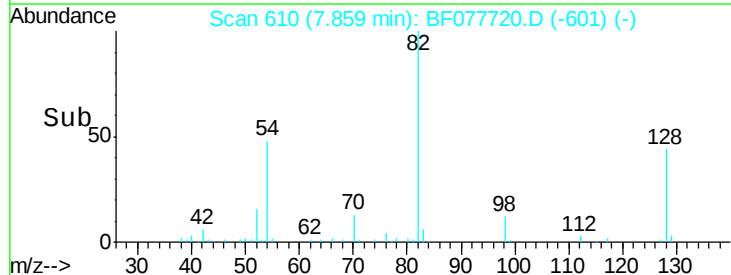


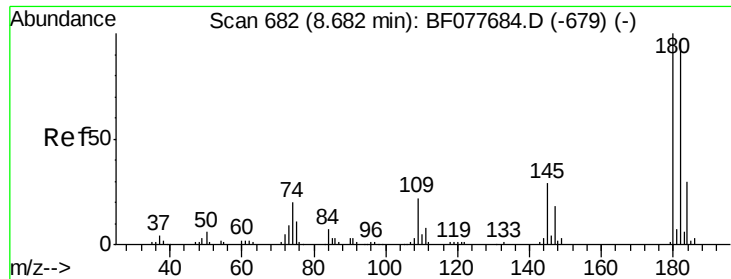
#23
Nitrobenzene-d5
Concen: 20.28 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077720.D
Acq: 12 Mar 2015 7:56

Tgt Ion: 82	Resp:	68155
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): E
Ion 54.00 (53.70 to 54.70): BF0

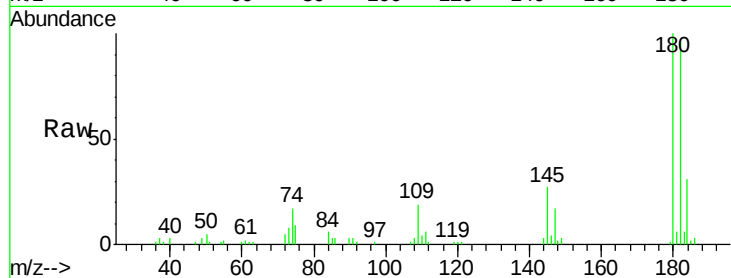




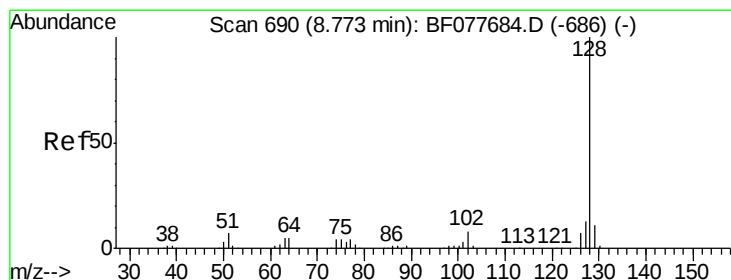
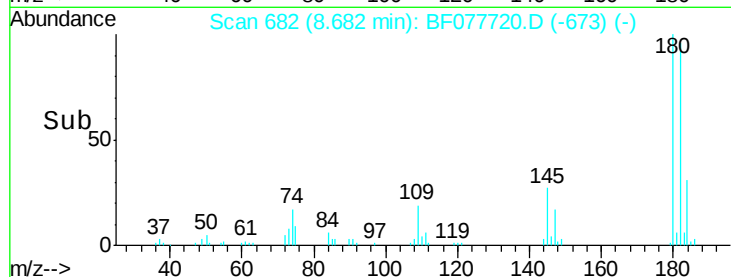
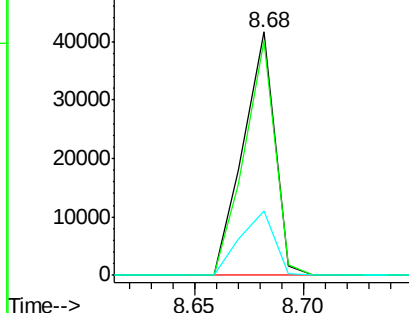
#30
 1,2,4-Trichlorobenzene
 Concen: 12.18 ng
 RT: 8.68 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

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

Tot Ion:180 Resp: 41953
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.6 116.4
 145 26.6 23.4 35.2

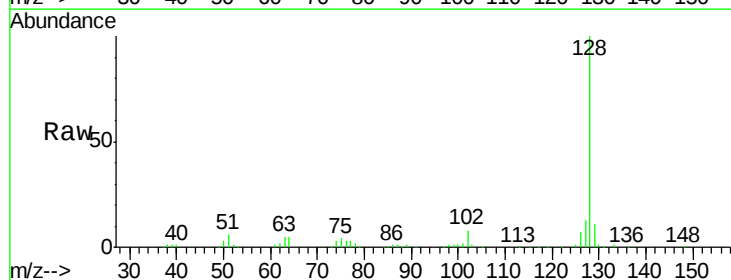


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

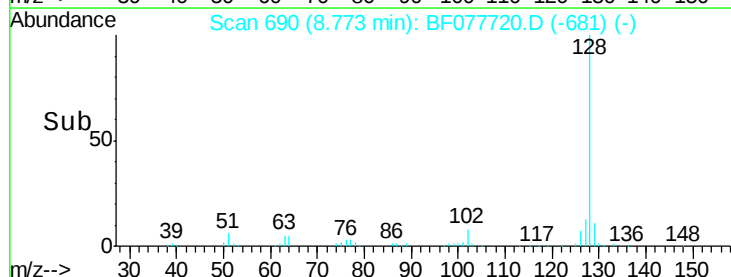
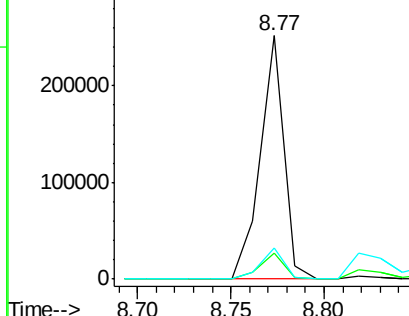


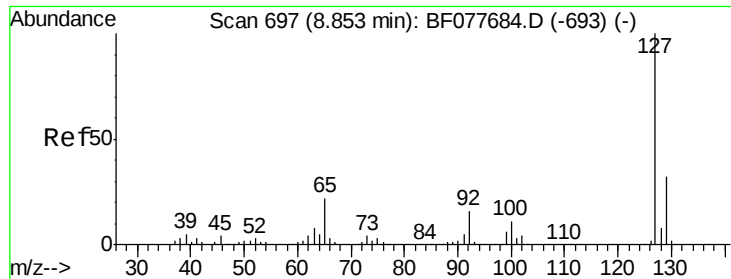
#31
 Naphthalene
 Concen: 19.82 ng
 RT: 8.77 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

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

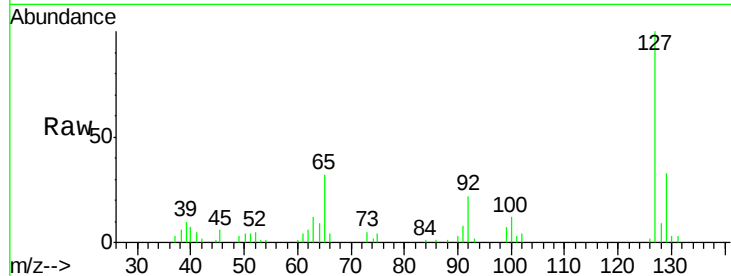




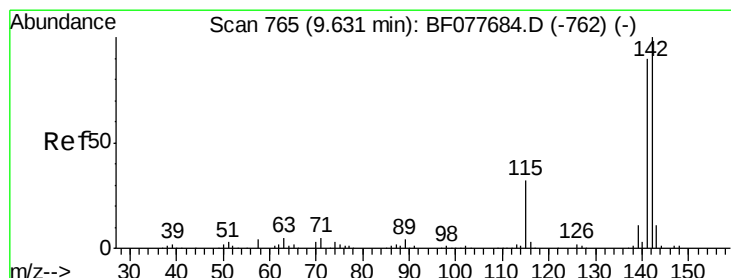
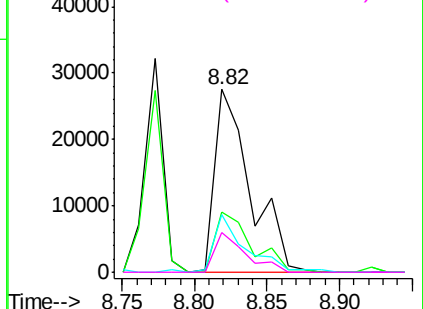
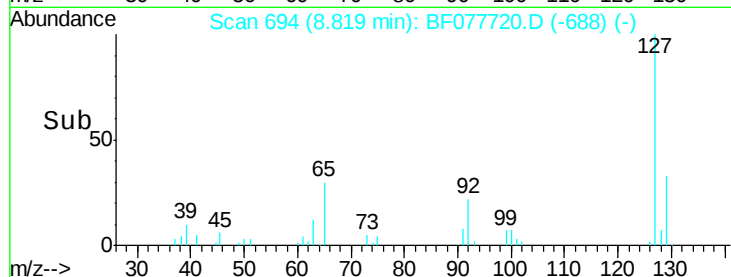
#33
 4-Chloroaniline
 Concen: 10.31 ng
 RT: 8.82 min Scan# 694
 Delta R.T. -0.03 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

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

Tot 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

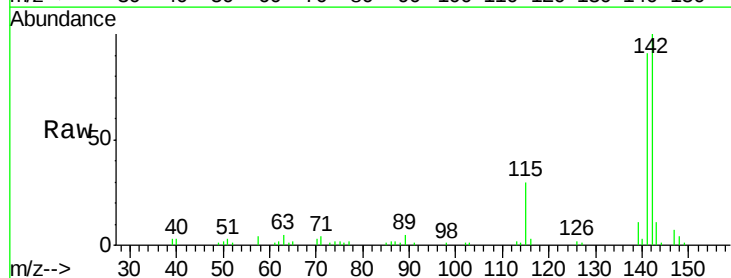


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

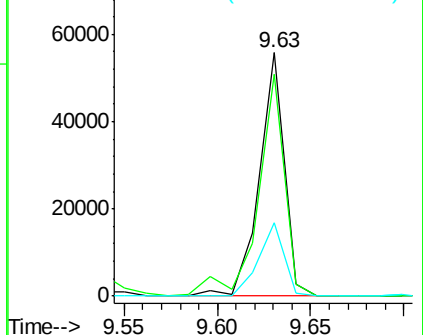
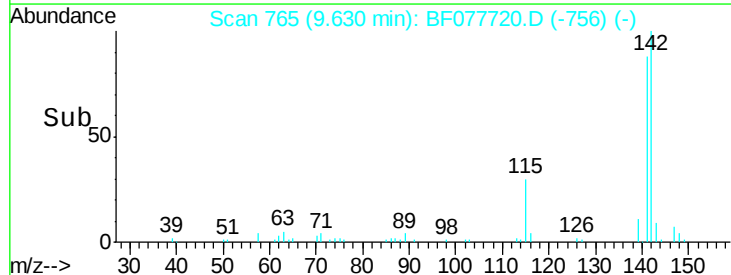


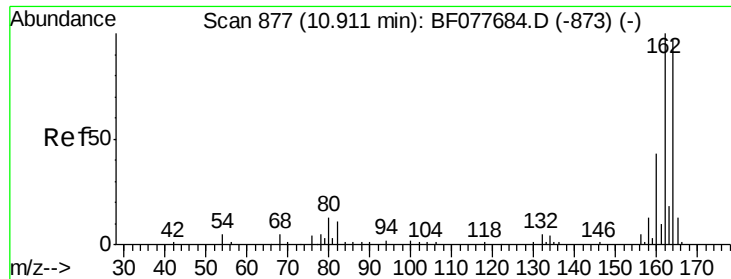
#37
 2-Methylnaphthalene
 Concen: 6.76 ng
 RT: 9.63 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

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

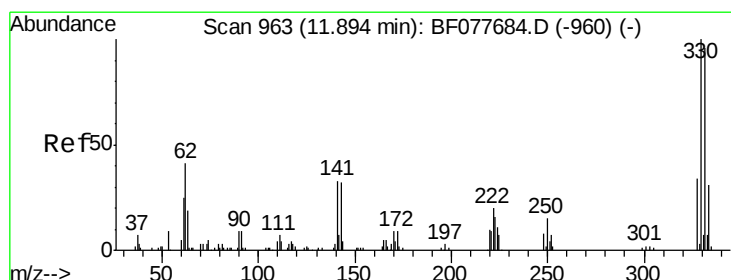
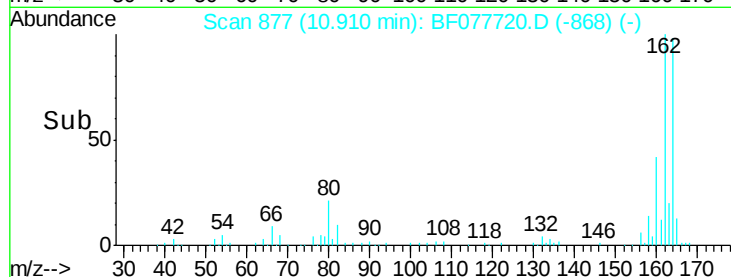
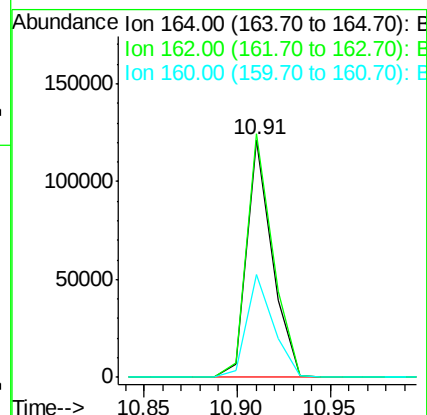
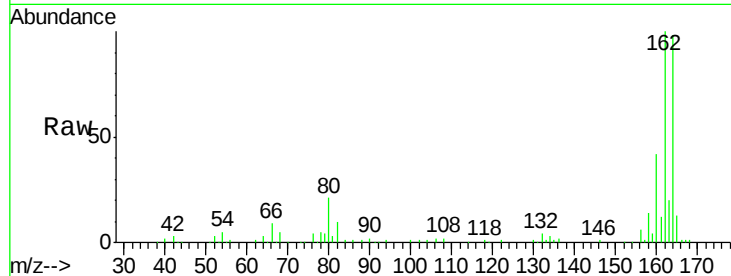




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077720.D
Acq: 12 Mar 2015 7:56

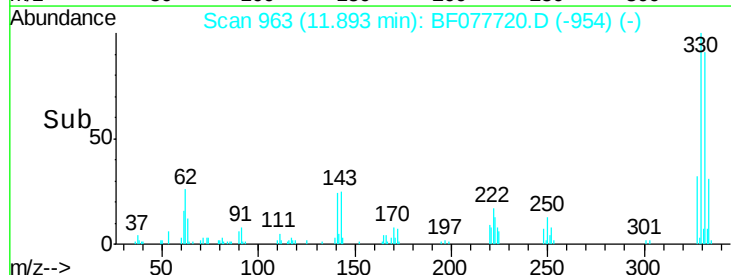
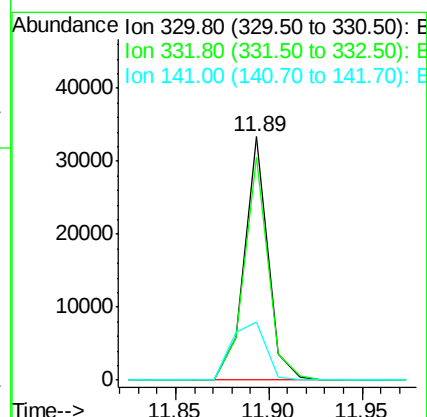
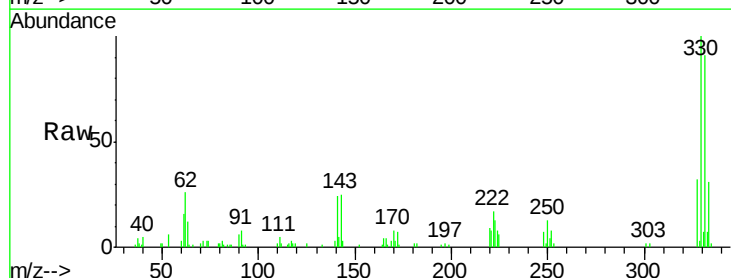
Instrument :
BNA_F
ClientSampleId :
DCW-WW-085-3915DL

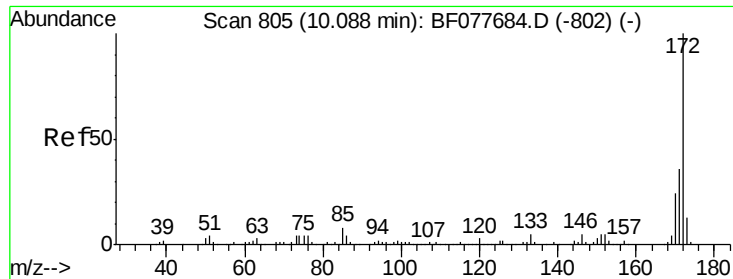
Tot Ion:164 Resp: 115212
Ion Ratio Lower Upper
164 100
162 102.5 82.4 123.6
160 43.5 35.8 53.6



#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

Tgt Ion:330 Resp: 29680
Ion Ratio Lower Upper
330 100
332 93.5 0.0 0.0#
141 34.6 0.0 0.0#

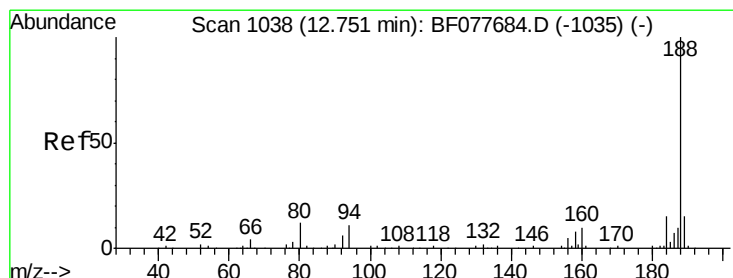
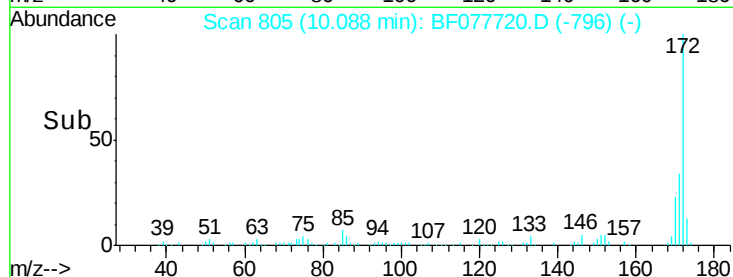
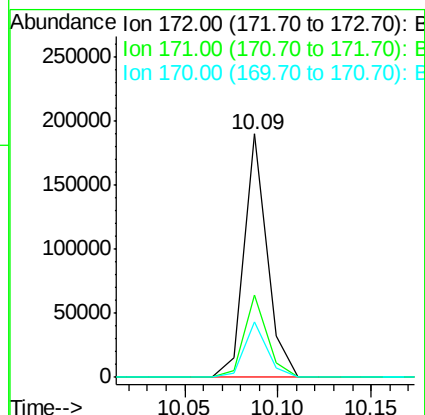
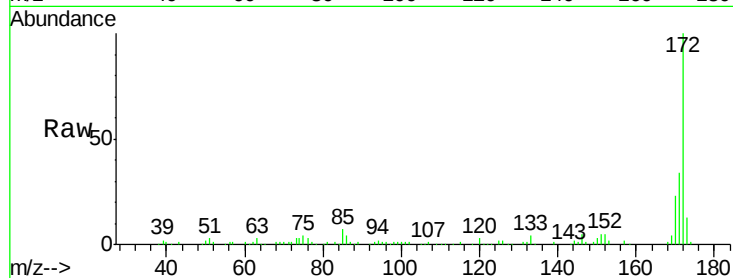




#44
 2-Fluorobiphenyl
 Concen: 20.93 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077720.D
 Acq: 12 Mar 2015 7:56

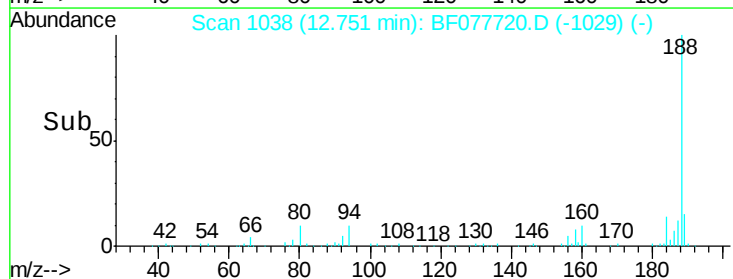
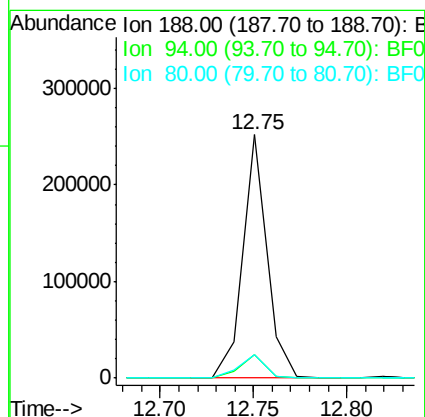
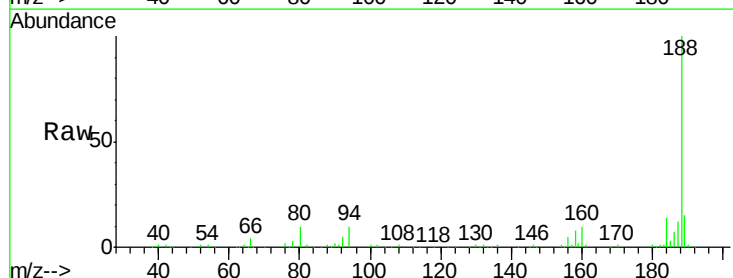
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-085-3915DL

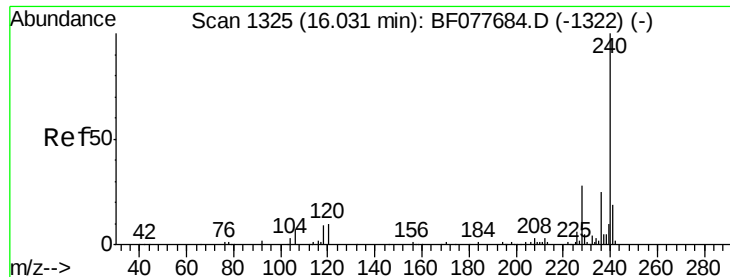
Tot Ion:172 Resp: 164067
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.5 42.7
 170 22.6 18.8 28.2



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

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

Instrument :

BNA_F

ClientSampleId :

DCW-WW-085-3915DL

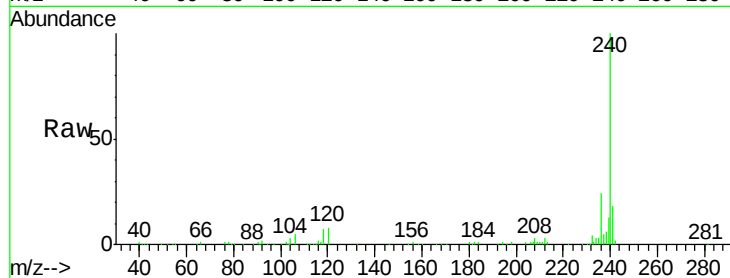
Tot Ion:240 Resp: 232204

Ion Ratio Lower Upper

240 100

120 7.9 8.2 12.2#

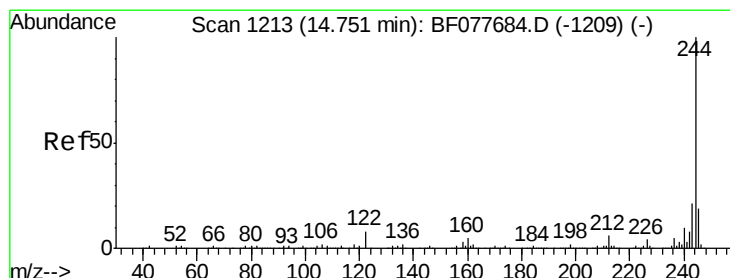
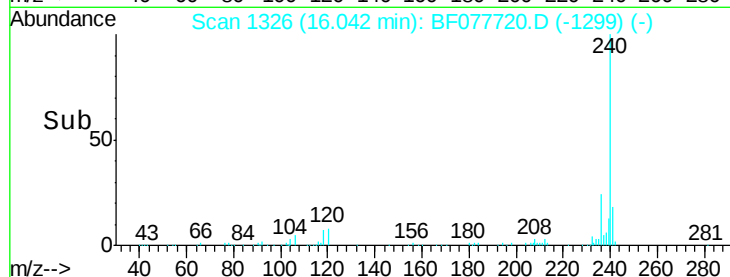
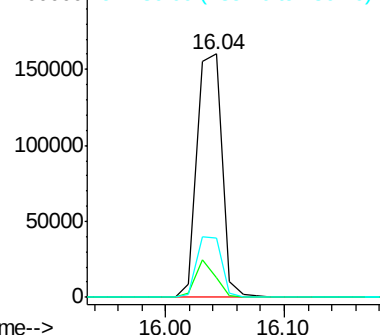
236 24.1 20.0 30.0



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: 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

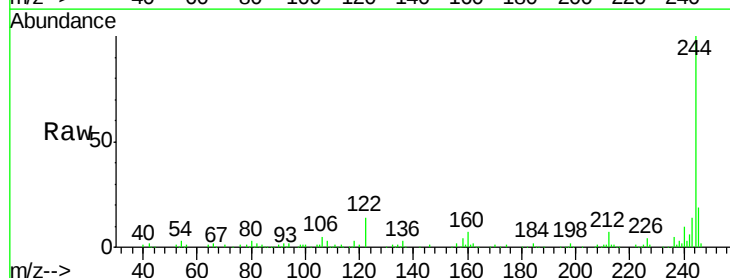
Tgt Ion:244 Resp: 183832

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

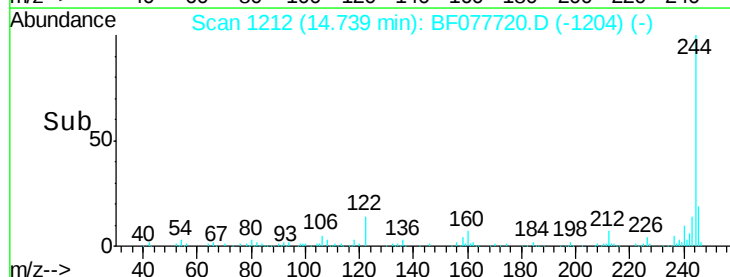
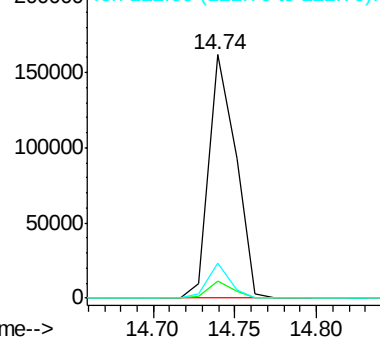
122 14.4 6.2 9.4#

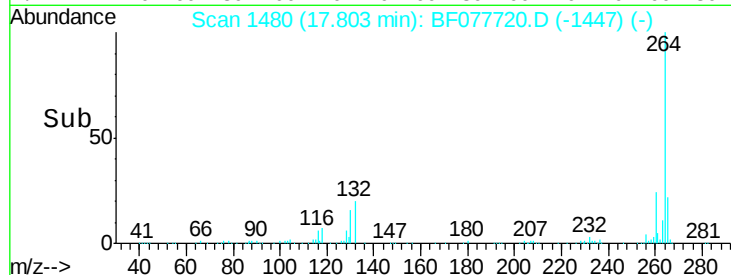
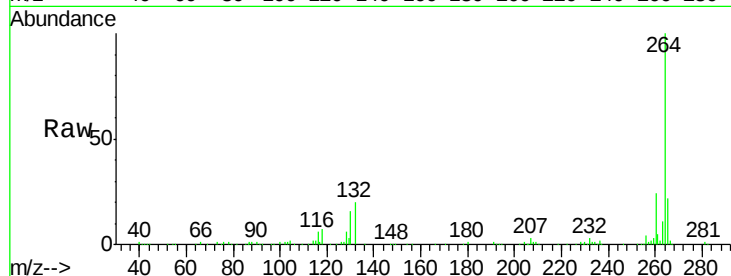
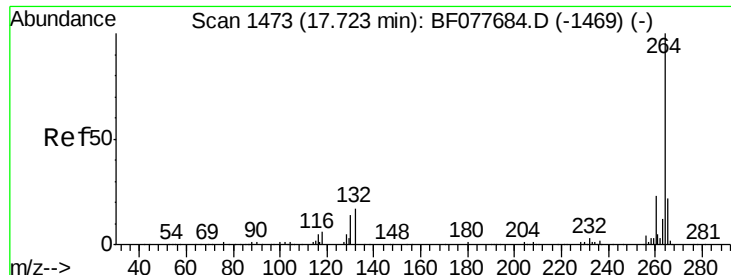


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-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

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

Tot Ion:	264	Resp:	225305
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.6	27.8
265	22.3	17.3	25.9

