

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077714.D
 Acq On : 12 Mar 2015 5:05
 Operator : TP/IZ
 Sample : G1474-10
 Misc : W
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Quant Time: Mar 12 06:07:06 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

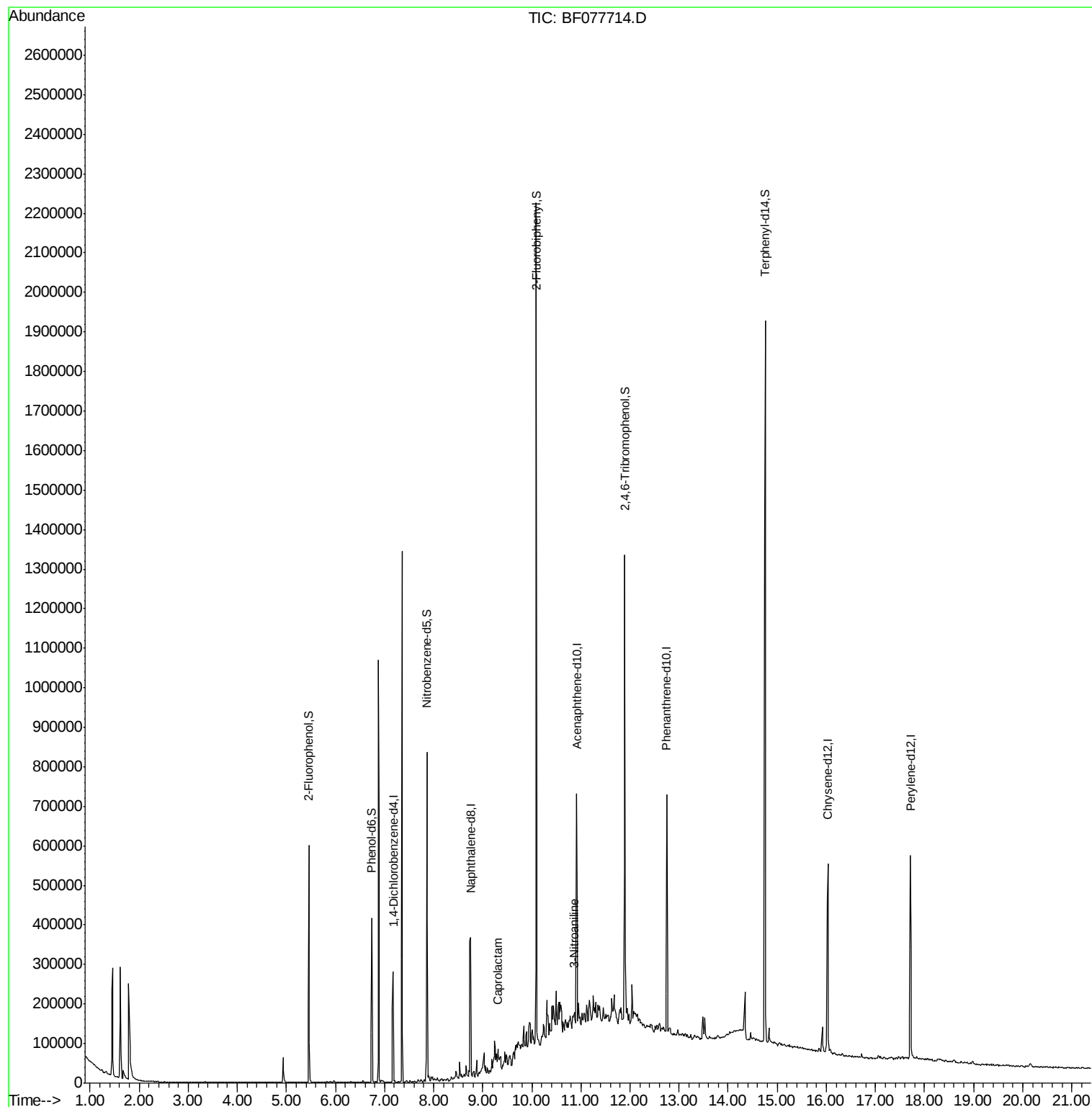
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	57076	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	239099	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	123960	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	230701	20.00	ng	0.00
75) Chrysene-d12	16.03	240	238063	20.00	ng	0.00
86) Perylene-d12	17.71	264	229883	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	192392	58.84	ng	0.00
7) Phenol-d6	6.74	99	153936	38.10	ng	0.00
23) Nitrobenzene-d5	7.86	82	310737	85.19	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	143941	121.36	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	700677	83.07	ng	0.00
78) Terphenyl-d14	14.75	244	799329	82.02	ng	0.00
Target Compounds						
35) Caprolactam	9.31	113	2133	2.18	ng	# 1
52) 3-Nitroaniline	10.86	138	5215	2.36	ng	# 15
76) Benzidine	14.41	184	483	Below Cal		# 1

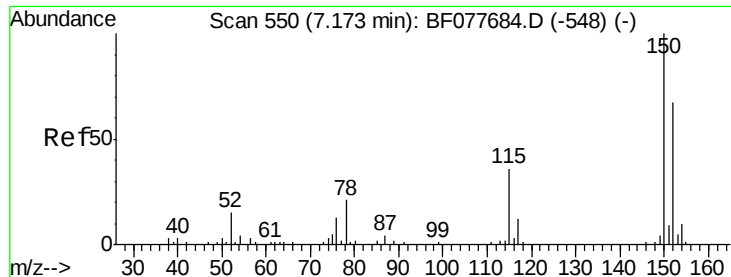
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 12 06:07:06 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: BF077714.D

Acq: 12 Mar 2015 5:05

Instrument :

BNA_F

ClientSampled :

MW-8

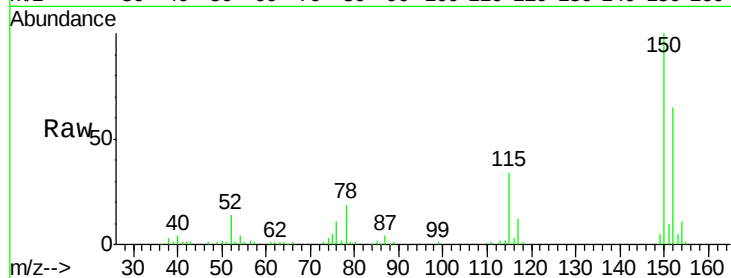
Tgt Ion:152 Resp: 57076

Ion Ratio Lower Upper

152 100

150 153.3 119.5 179.3

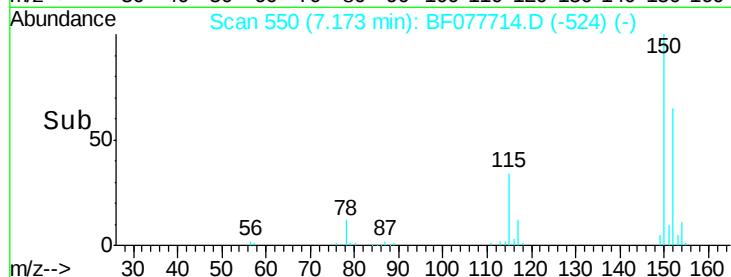
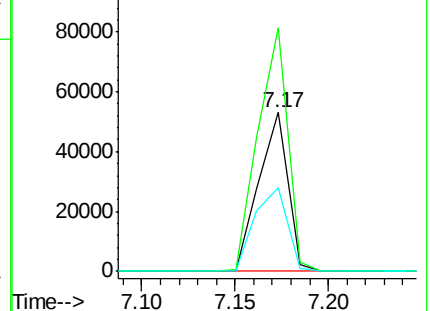
115 52.6 43.0 64.4



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: 58.84 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077714.D

Acq: 12 Mar 2015 5:05

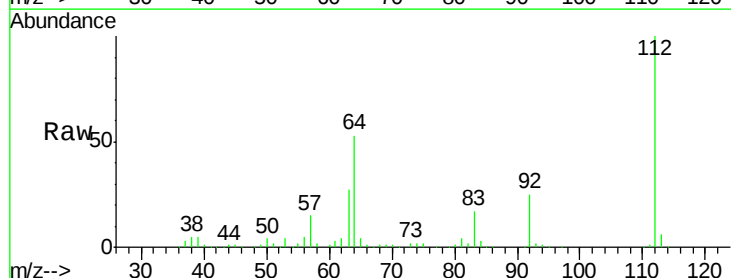
Tgt Ion:112 Resp: 192392

Ion Ratio Lower Upper

112 100

64 53.2 38.6 57.8

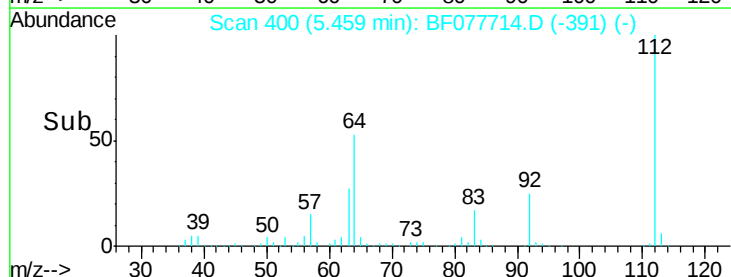
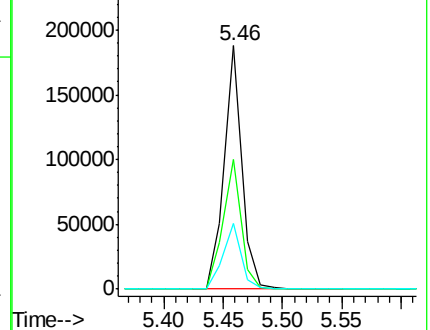
63 27.2 19.3 28.9

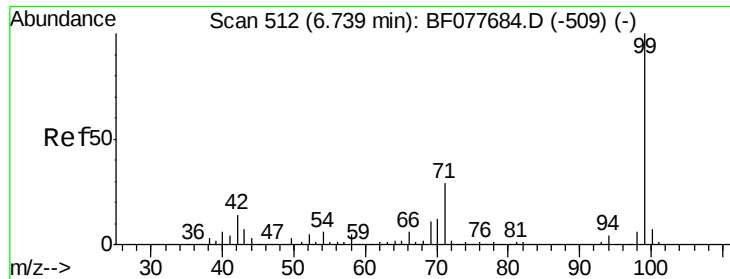


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.10 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077714.D

Acq: 12 Mar 2015 5:05

Instrument :

BNA_F

ClientSampleId :

MW-8

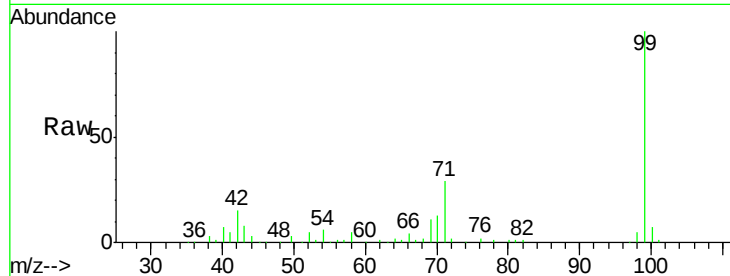
Tgt Ion: 99 Resp: 153936

Ion Ratio Lower Upper

99 100

42 14.9 11.0 16.4

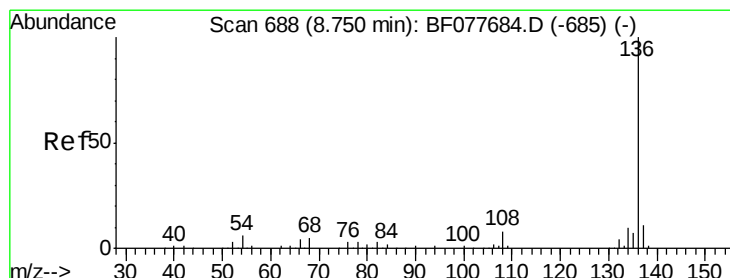
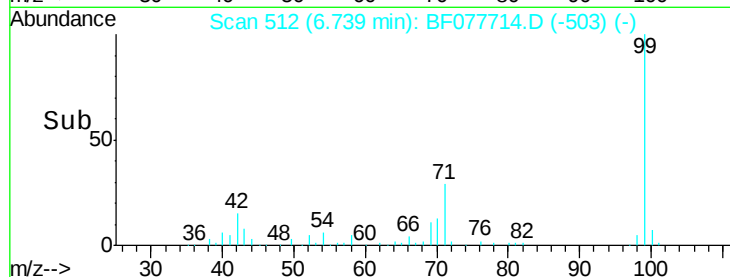
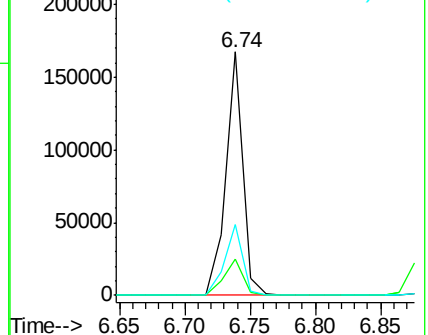
71 29.1 23.4 35.2



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: BF077714.D

Acq: 12 Mar 2015 5:05

Tgt Ion: 136 Resp: 239099

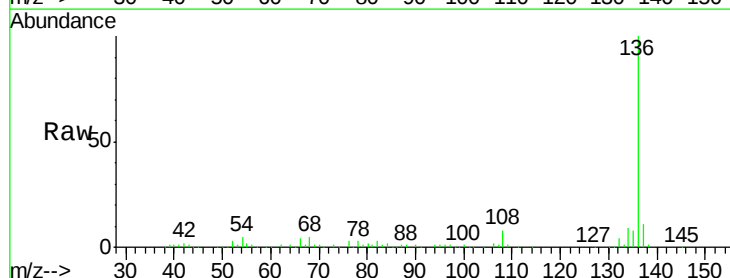
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.5 4.6 6.8

68 4.7 3.7 5.5

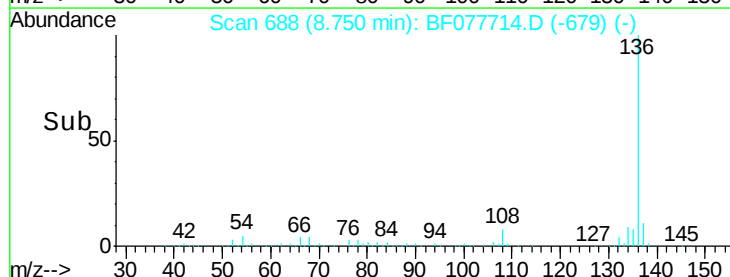
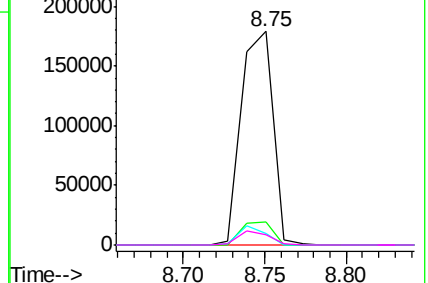


Abundance Ion 136.00 (135.70 to 136.70): E

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

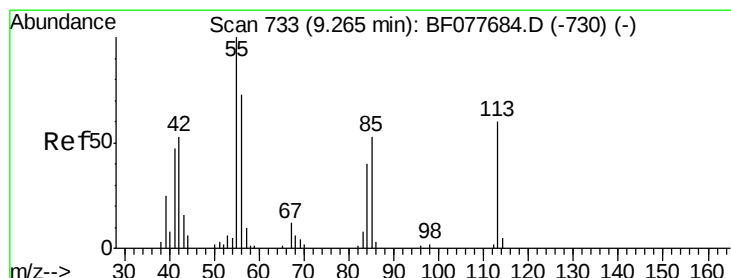
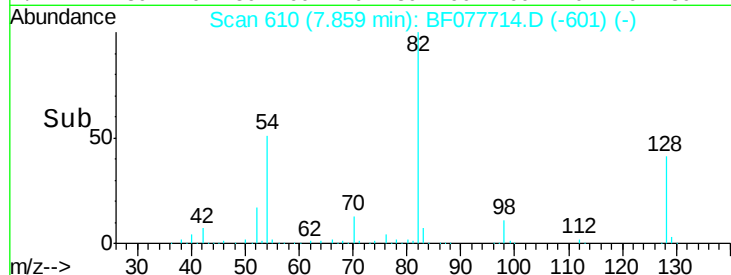
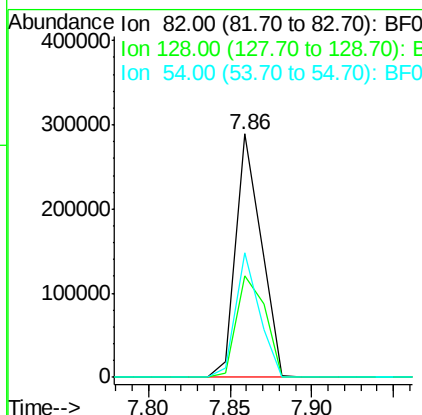
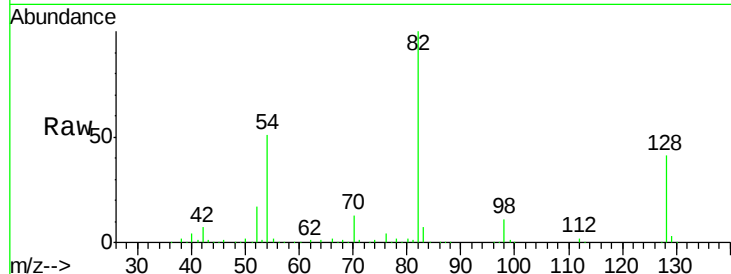




#23
 Nitrobenzene-d5
 Concen: 85.19 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF077714.D
 Acq: 12 Mar 2015 5:05

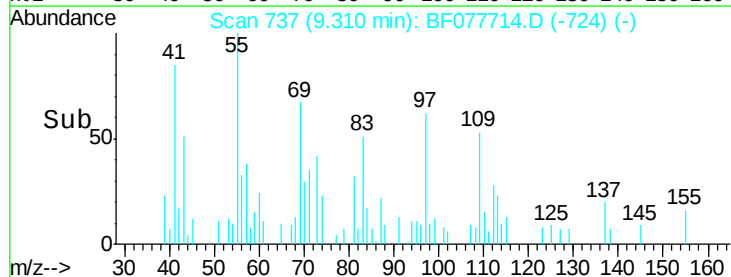
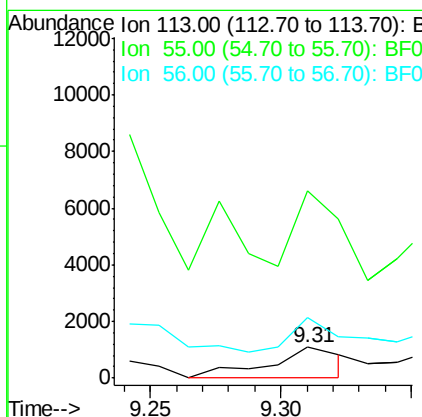
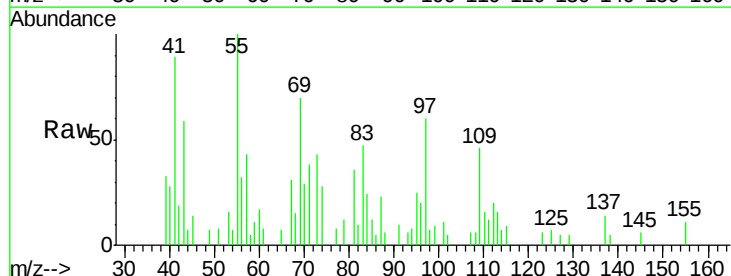
Instrument :
 BNA_F
 ClientSampleId :
 MW-8

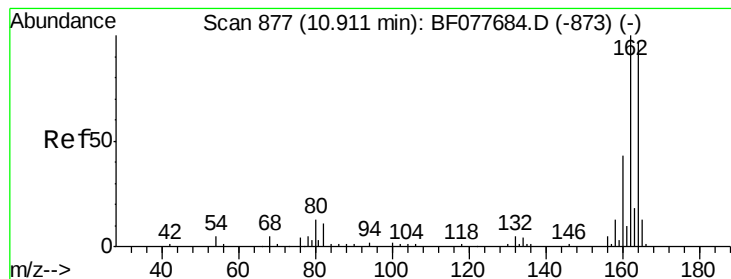
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.8	49.2
54	51.0	40.6	60.8



#35
 Caprolactam
 Concen: 2.18 ng
 RT: 9.31 min Scan# 737
 Delta R.T. 0.05 min
 Lab File: BF077714.D
 Acq: 12 Mar 2015 5:05

Tgt Ion	Ratio	Lower	Upper
113	100		
55	611.8	145.9	185.9#
56	198.8	101.0	141.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077714.D

Acq: 12 Mar 2015 5:05

Instrument :

BNA_F

ClientSampleId :

MW-8

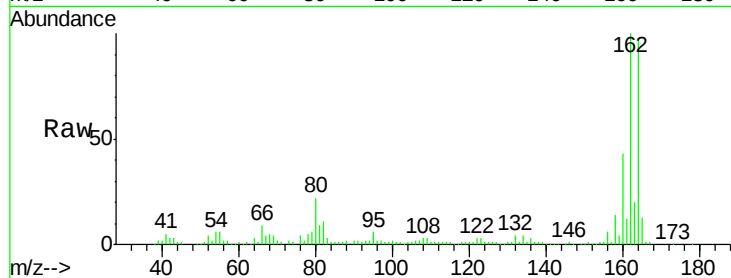
Tgt Ion:164 Resp: 123960

Ion Ratio Lower Upper

164 100

162 103.4 82.4 123.6

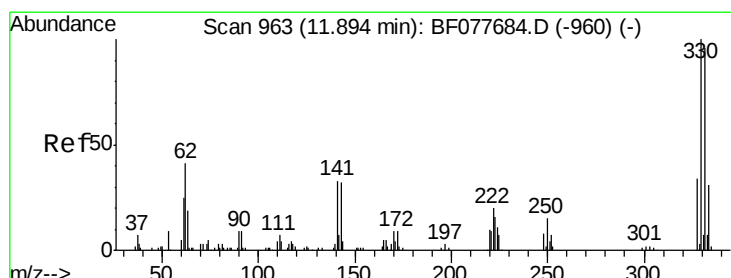
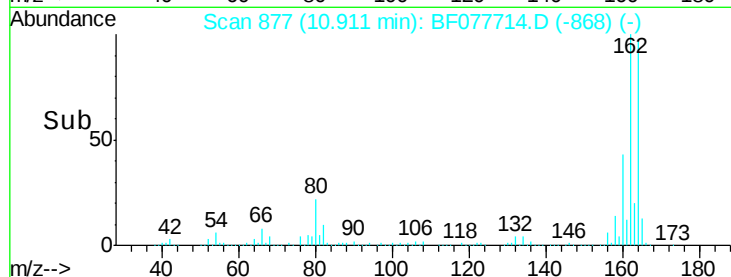
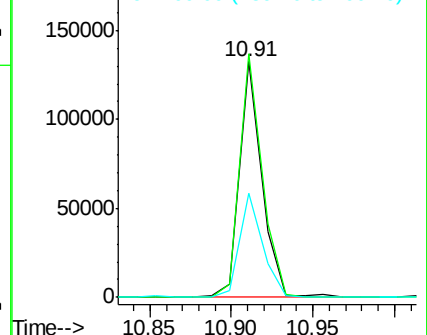
160 44.3 35.8 53.6



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: 121.36 ng

RT: 11.89 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF077714.D

Acq: 12 Mar 2015 5:05

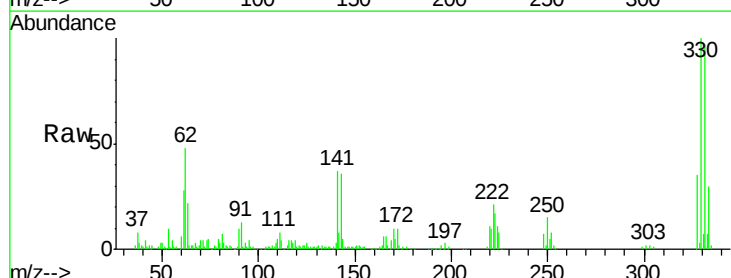
Tgt Ion:330 Resp: 143941

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

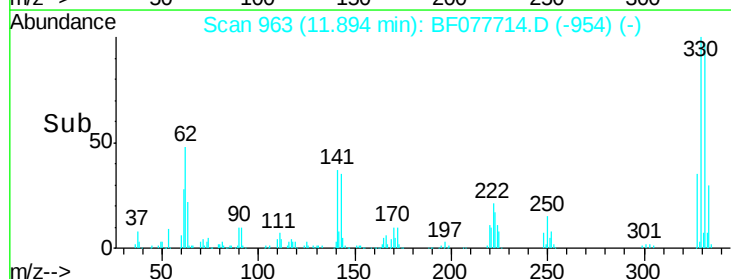
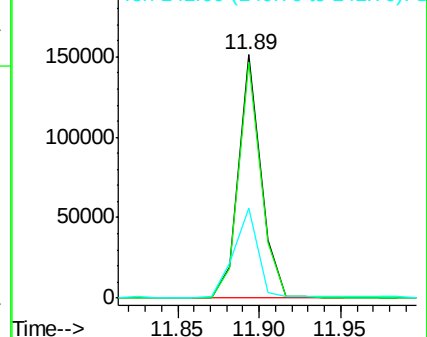
141 39.1 0.0 0.0#

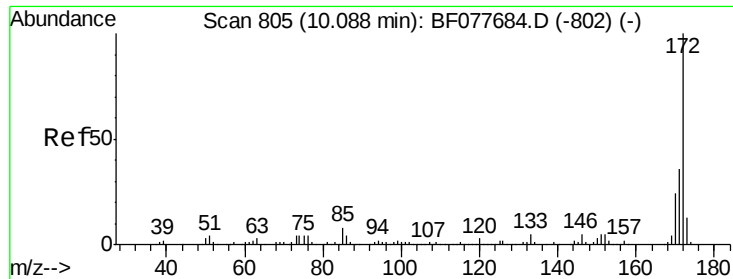


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

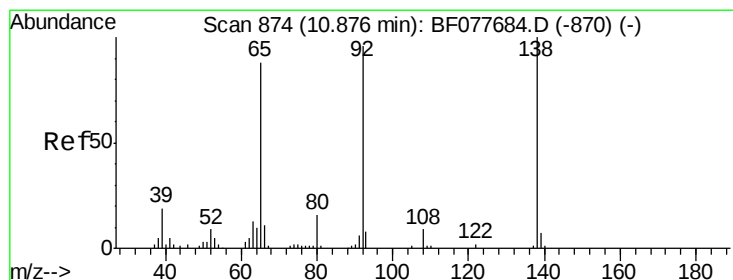
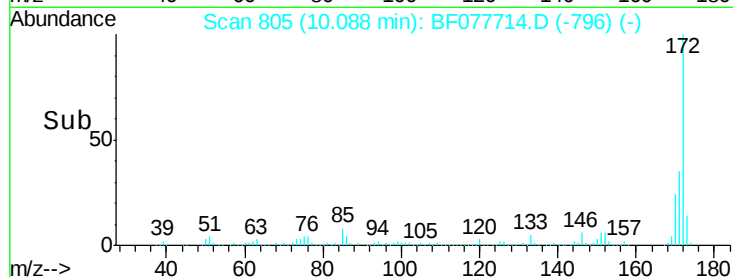
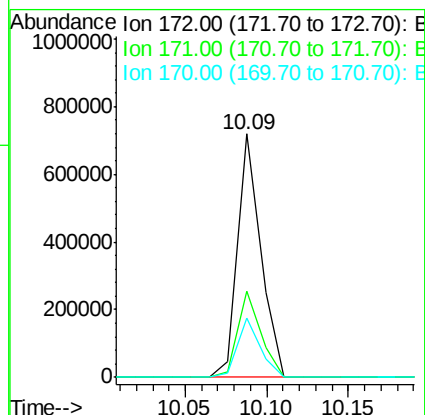
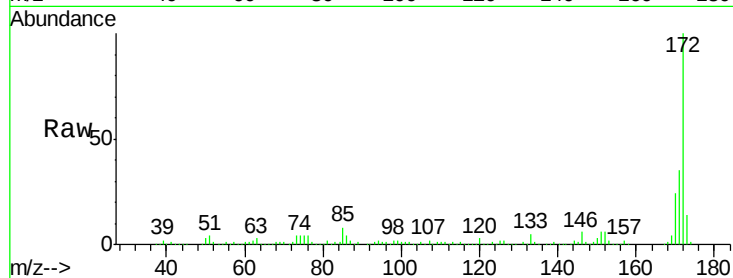




#44
 2-Fluorobiphenyl
 Concen: 83.07 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077714.D
 Acq: 12 Mar 2015 5:05

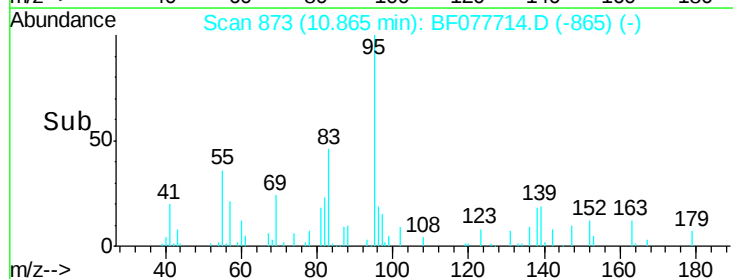
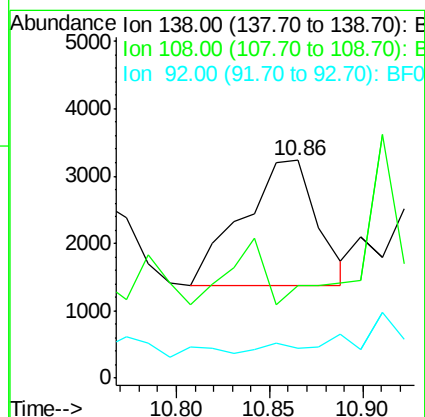
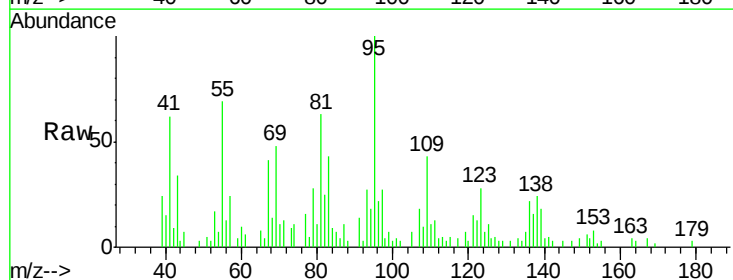
Instrument :
 BNA_F
 ClientSampled :
 MW-8

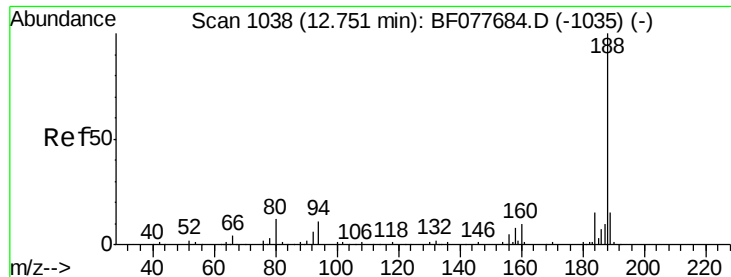
Tgt Ion:172 Resp: 700677
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 24.2 18.8 28.2



#52
 3-Nitroaniline
 Concen: 2.36 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF077714.D
 Acq: 12 Mar 2015 5:05

Tgt Ion:138 Resp: 5215
 Ion Ratio Lower Upper
 138 100
 108 42.4 7.3 10.9#
 92 13.6 76.6 114.8#

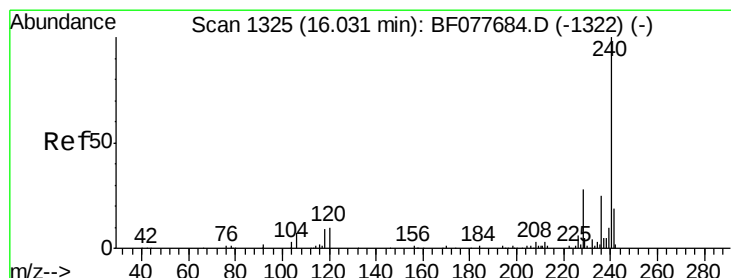
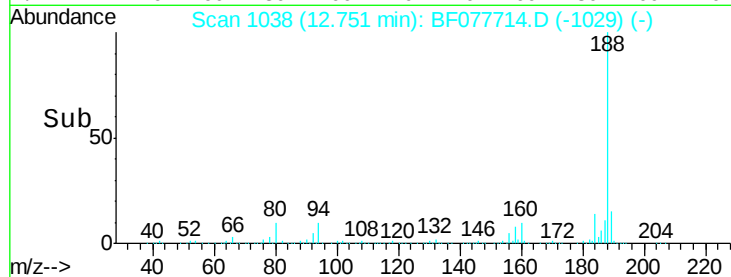
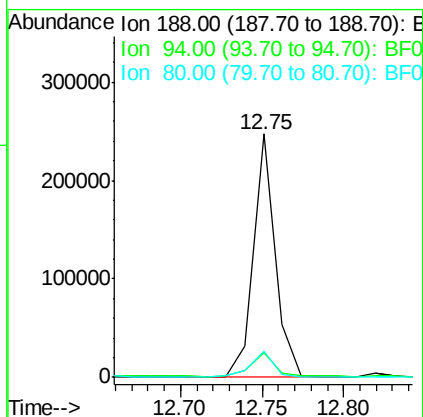
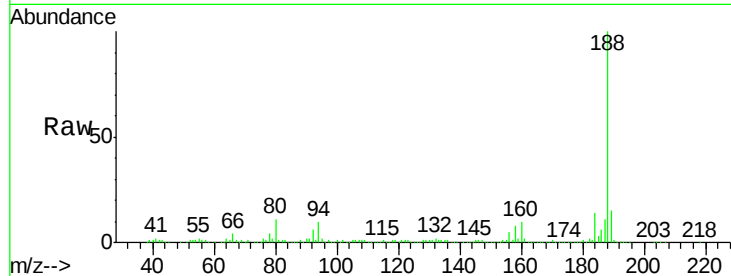




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077714.D
Acq: 12 Mar 2015 5:05

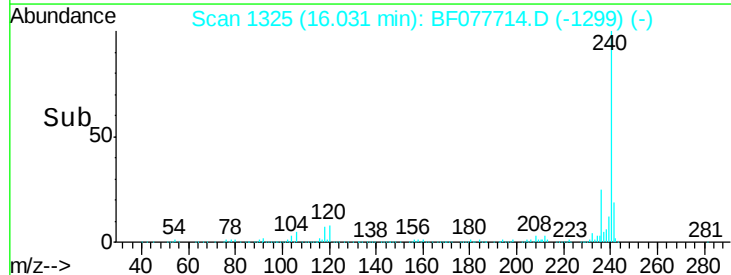
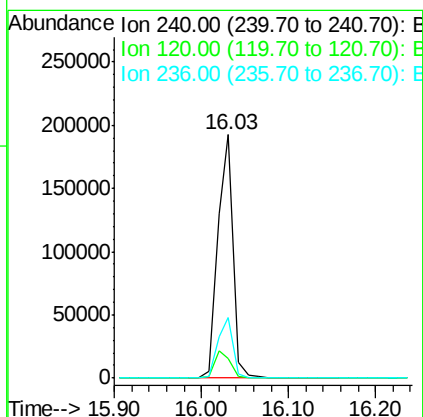
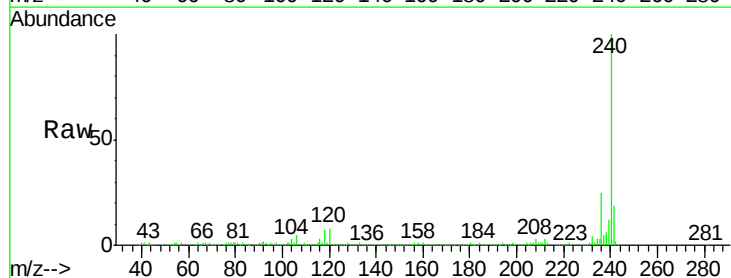
Instrument :
BNA_F
ClientSampleId :
MW-8

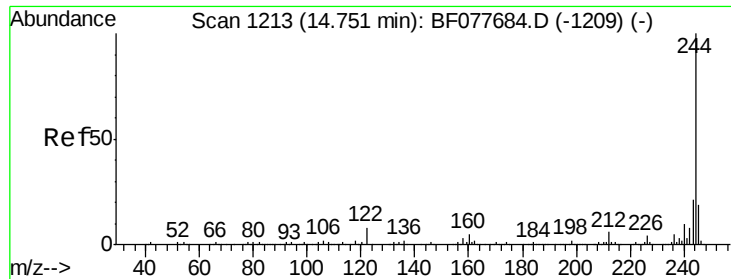
Tgt Ion:188 Resp: 230701
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 10.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077714.D
Acq: 12 Mar 2015 5:05

Tgt Ion:240 Resp: 238063
Ion Ratio Lower Upper
240 100
120 8.0 8.2 12.2#
236 25.0 20.0 30.0





#78

Terphenyl-d14

Concen: 82.02 ng

RT: 14.75 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF077714.D

Acq: 12 Mar 2015 5:05

Instrument :

BNA_F

ClientSampleId :

MW-8

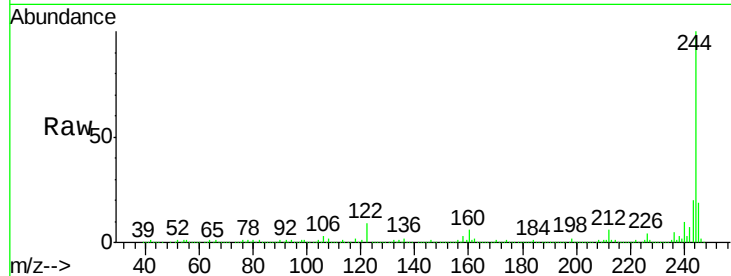
Tgt Ion:244 Resp: 799329

Ion Ratio Lower Upper

244 100

212 6.4 4.9 7.3

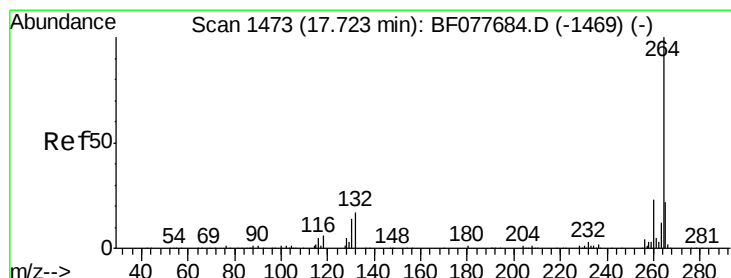
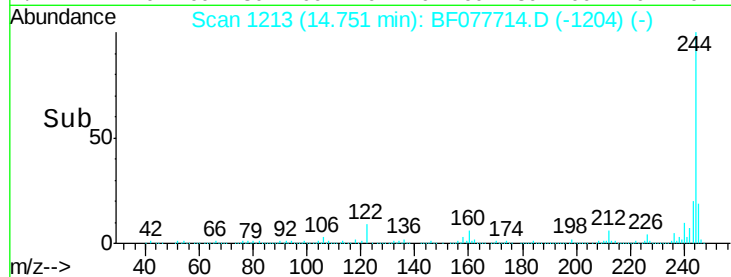
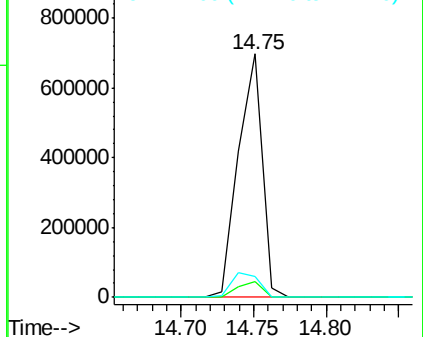
122 8.8 6.2 9.4



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: 17.71 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF077714.D

Acq: 12 Mar 2015 5:05

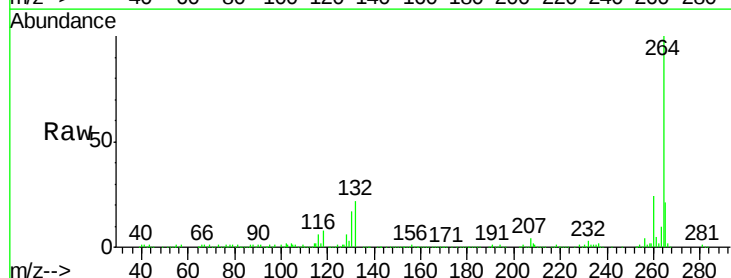
Tgt Ion:264 Resp: 229883

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.4 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

