

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077708.D
 Acq On : 12 Mar 2015 2:13
 Operator : TP/IZ
 Sample : G1474-04
 Misc : W
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Mar 12 05:06:41 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

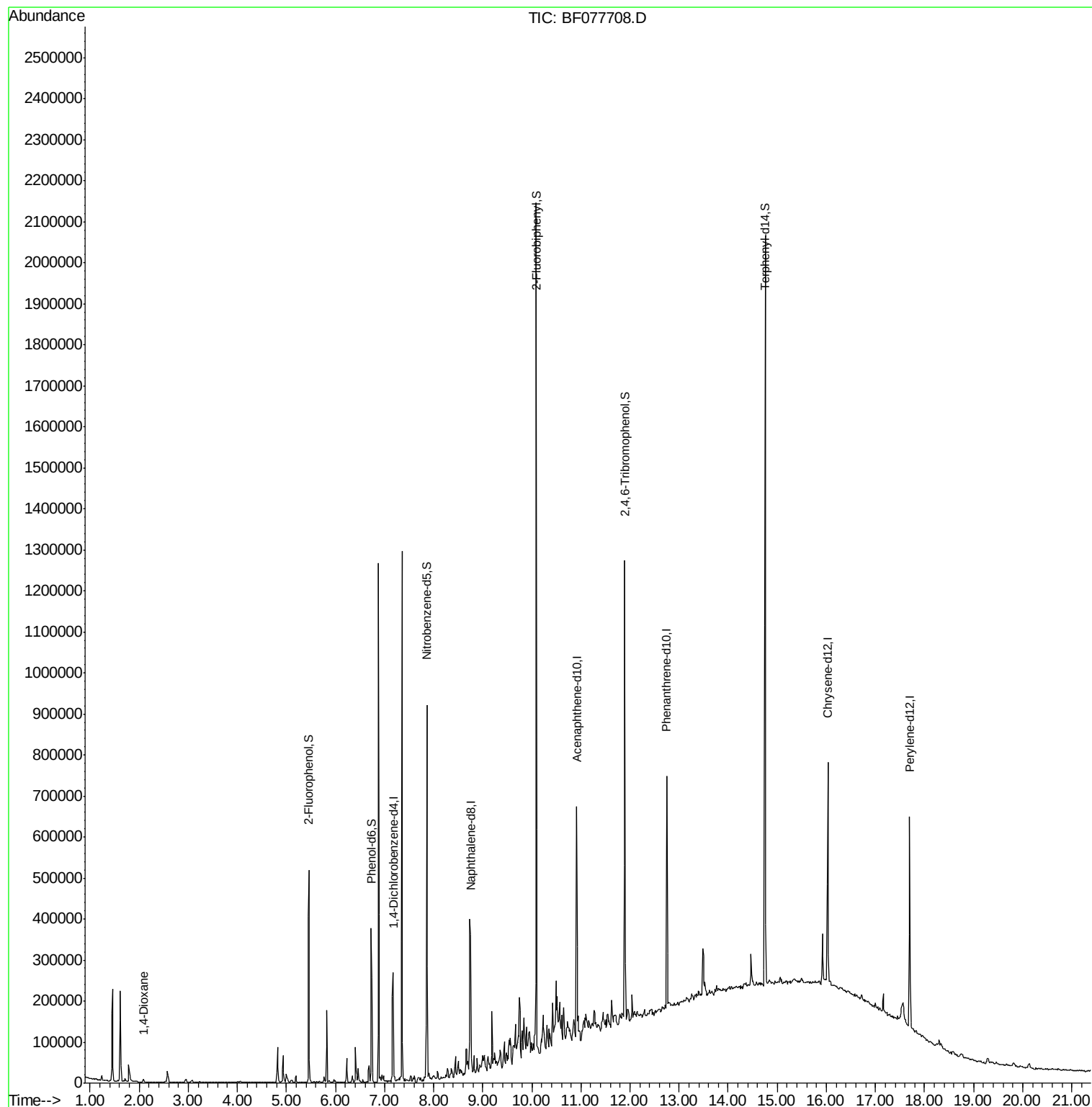
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	56526	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	234247	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	114355	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	219569	20.00	ng	0.00
75) Chrysene-d12	16.03	240	227459	20.00	ng	0.00
86) Perylene-d12	17.70	264	225406	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	211772	65.40	ng	0.00
7) Phenol-d6	6.73	99	170388	42.59	ng	-0.01
23) Nitrobenzene-d5	7.86	82	300251	84.02	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	132053	120.69	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	671693	86.32	ng	0.00
78) Terphenyl-d14	14.75	244	712855	76.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.09	88	4401	2.99	ng	# 100
76) Benzidine	14.48	184	728	Below Cal		# 1

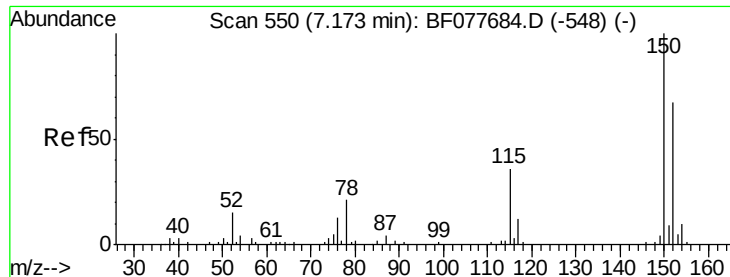
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077708.D

Acq: 12 Mar 2015 2:13

Instrument :

BNA_F

ClientSampleId :

MW-10

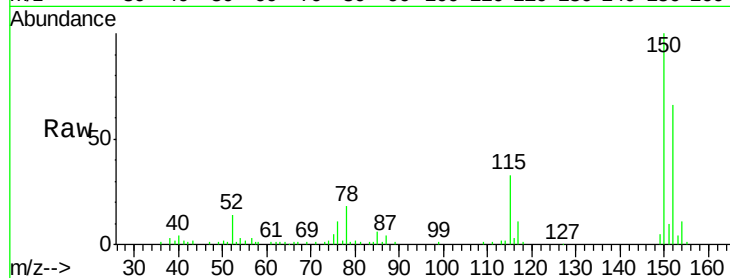
Tgt Ion:152 Resp: 56526

Ion Ratio Lower Upper

152 100

150 152.6 119.5 179.3

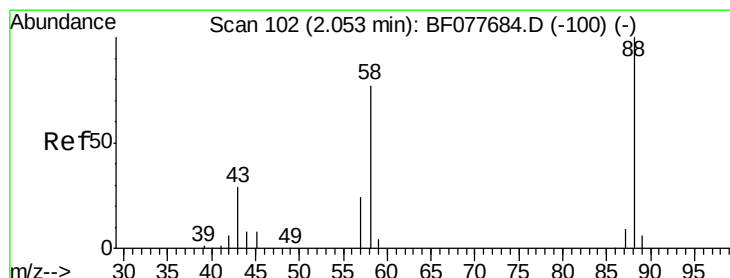
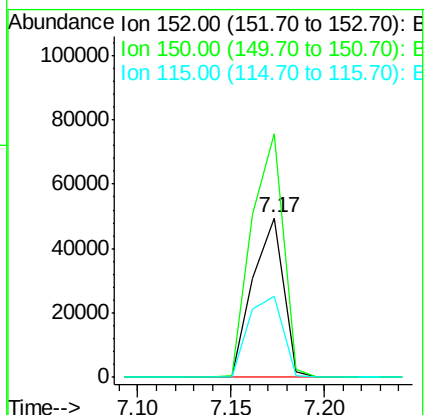
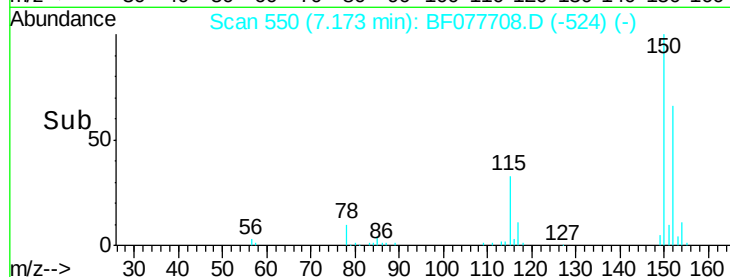
115 51.0 43.0 64.4



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



#2

1,4-Dioxane

Concen: 2.99 ng

RT: 2.09 min Scan# 105

Delta R.T. 0.03 min

Lab File: BF077708.D

Acq: 12 Mar 2015 2:13

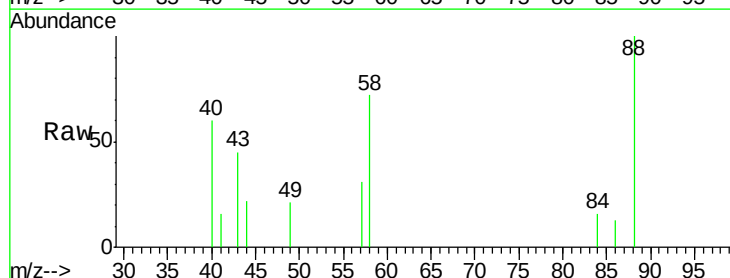
Tgt Ion: 88 Resp: 4401

Ion Ratio Lower Upper

88 100

58 80.7 0.0 0.0#

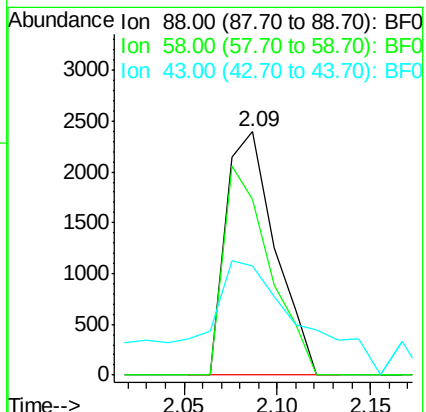
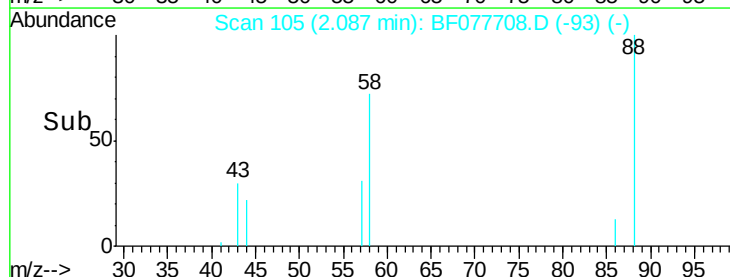
43 114.7 0.0 0.0#

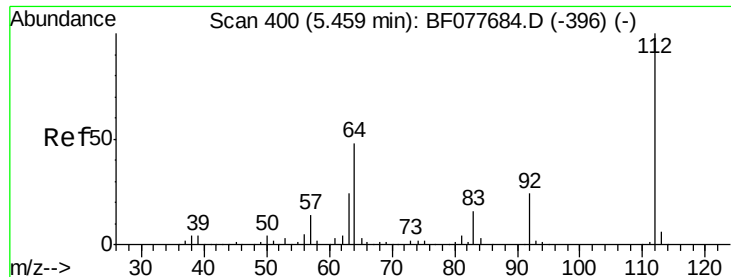


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

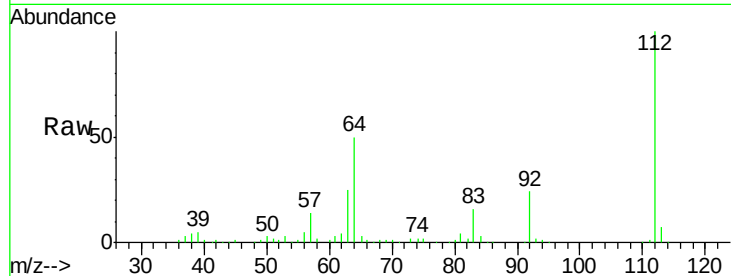




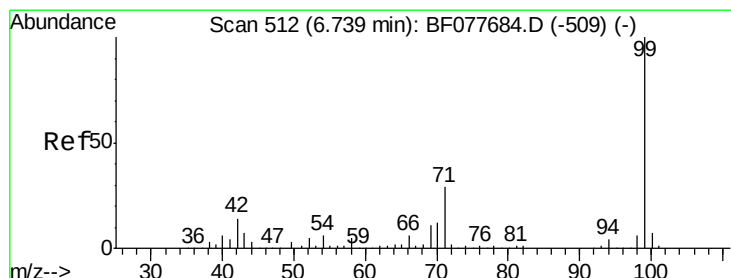
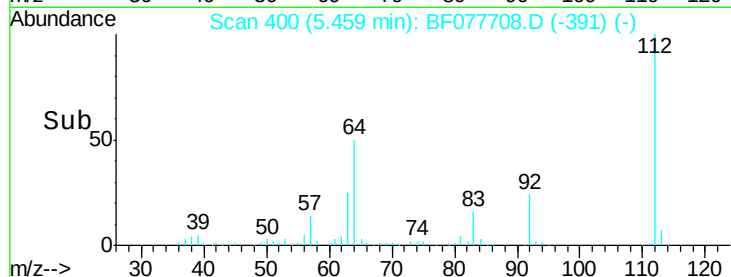
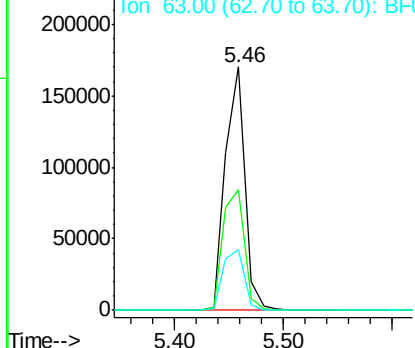
#5
 2-Fluorophenol
 Concen: 65.40 ng
 RT: 5.46 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF077708.D
 Acq: 12 Mar 2015 2:13

Instrument :
 BNA_F
 ClientSampled :
 MW-10

Tgt Ion: 112 Resp: 211772
 Ion Ratio Lower Upper
 112 100
 64 49.6 38.6 57.8
 63 24.7 19.3 28.9

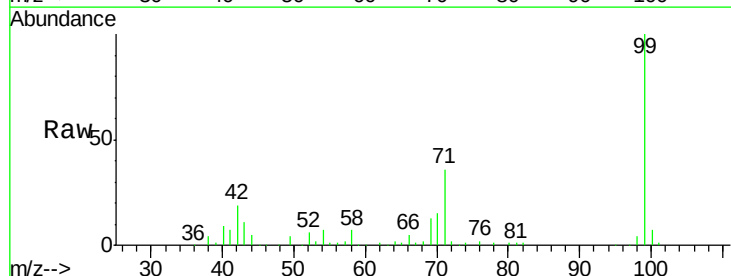


Abundance Ion 112.00 (111.70 to 112.70): BF0
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

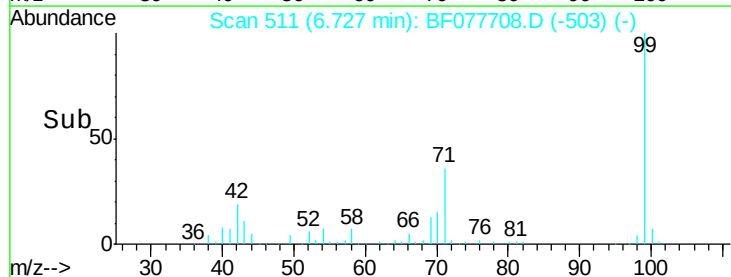
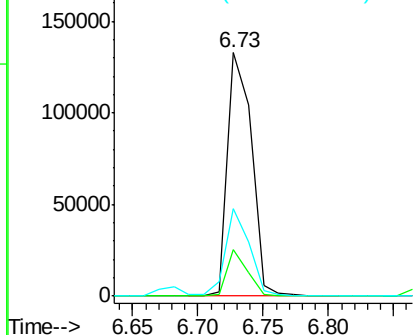


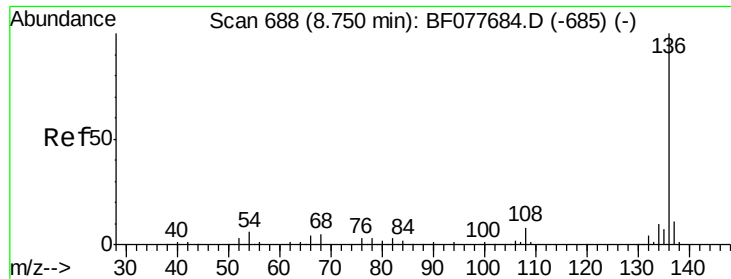
#7
 Phenol-d6
 Concen: 42.59 ng
 RT: 6.73 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF077708.D
 Acq: 12 Mar 2015 2:13

Tgt Ion: 99 Resp: 170388
 Ion Ratio Lower Upper
 99 100
 42 19.2 11.0 16.4#
 71 35.9 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

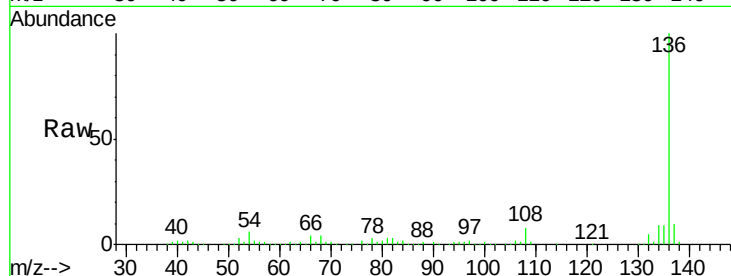




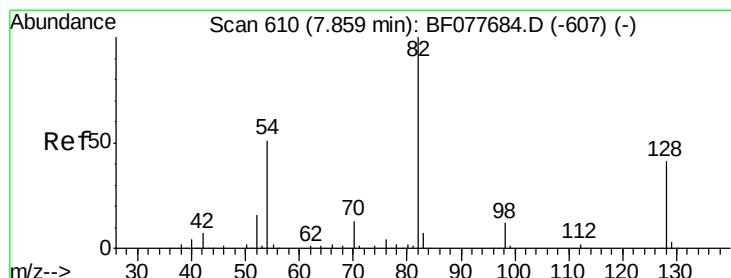
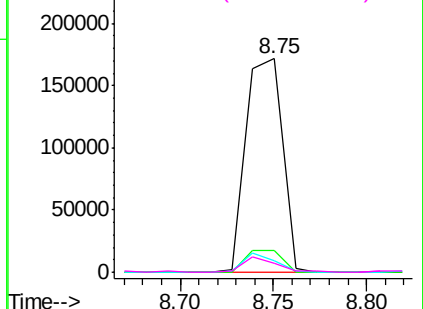
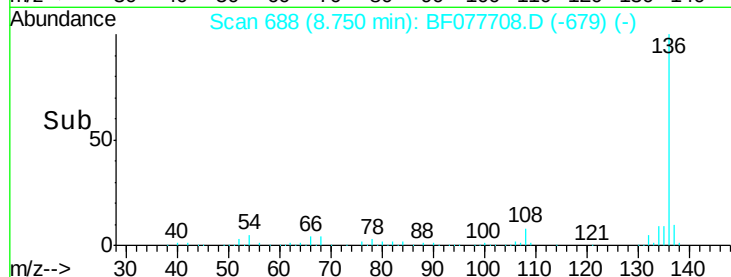
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF077708.D
Acq: 12 Mar 2015 2:13

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:	136	Resp:	234247
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	5.6	4.6	6.8
68	4.5	3.7	5.5

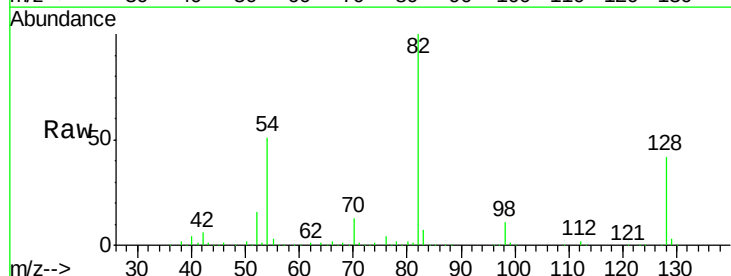


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

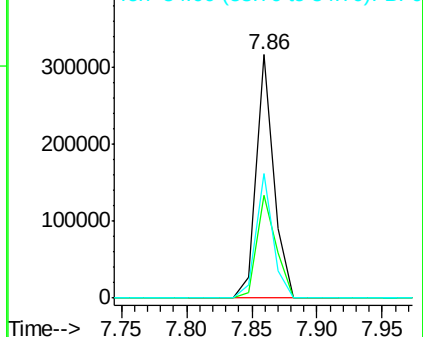
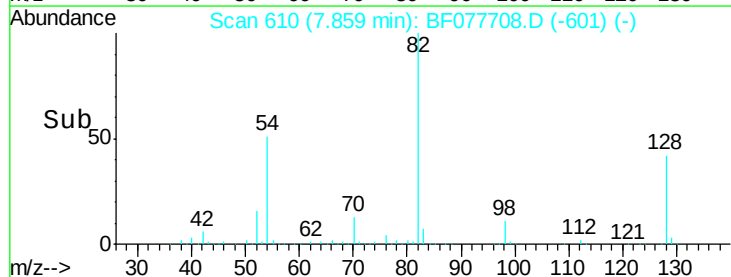


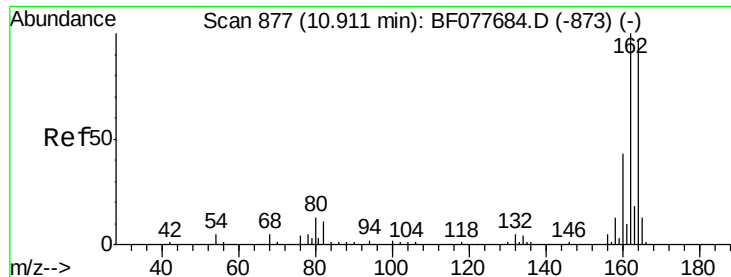
#23
Nitrobenzene-d5
Concen: 84.02 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077708.D
Acq: 12 Mar 2015 2:13

Tgt Ion:	82	Resp:	300251
Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.8	49.2
54	51.0	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

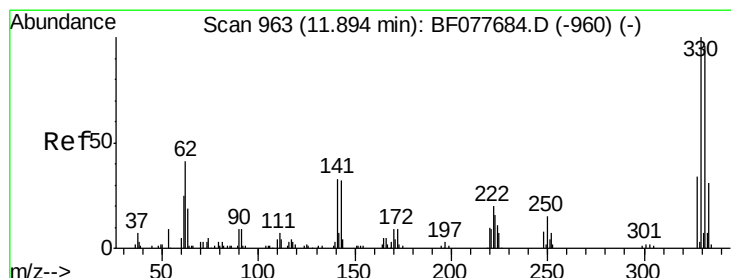
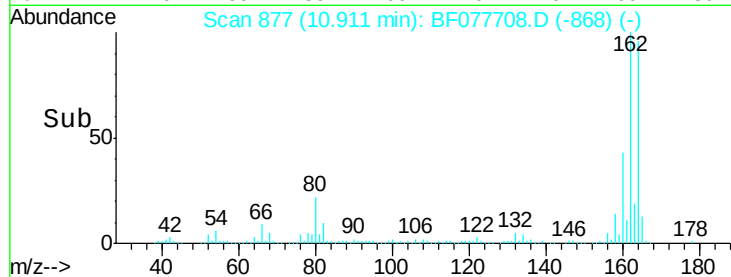
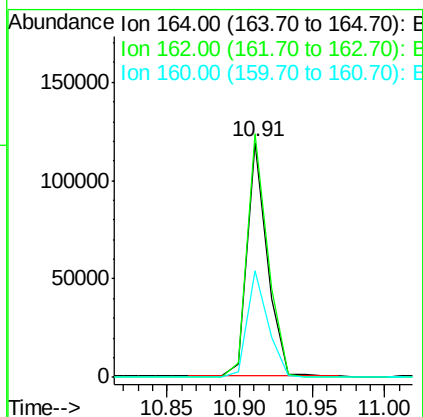
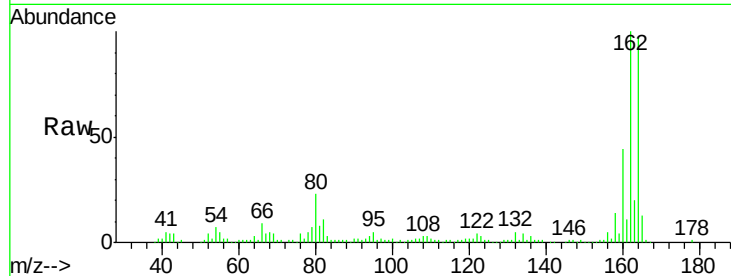




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077708.D
Acq: 12 Mar 2015 2:13

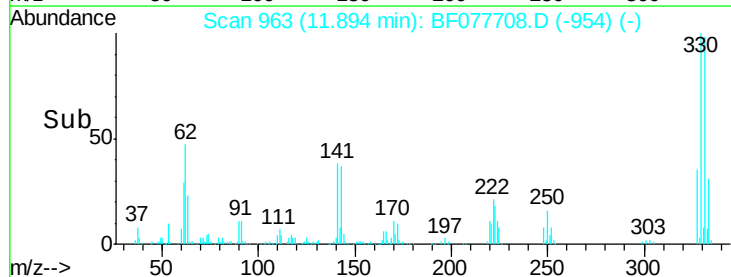
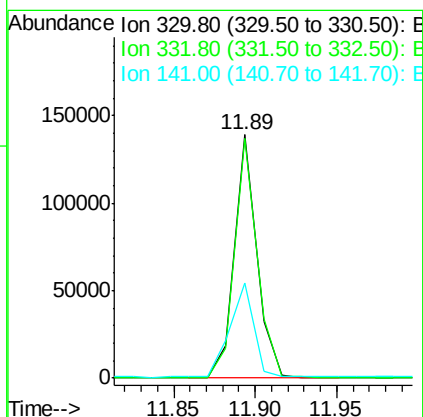
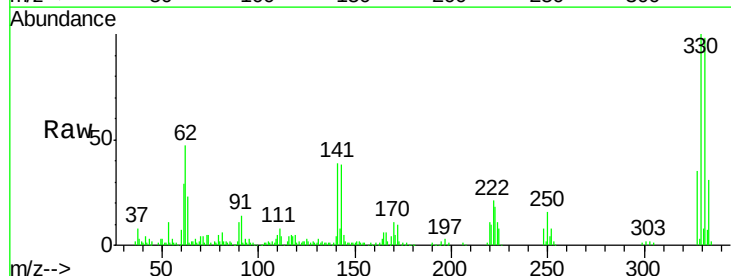
Instrument :
BNA_F
ClientSampleId :
MW-10

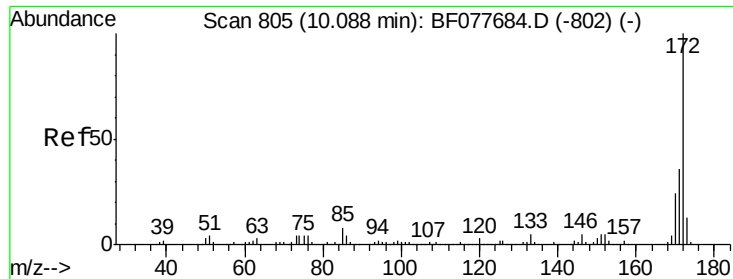
Tgt Ion:164 Resp: 114355
Ion Ratio Lower Upper
164 100
162 103.6 82.4 123.6
160 45.5 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 120.69 ng
RT: 11.89 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF077708.D
Acq: 12 Mar 2015 2:13

Tgt Ion:330 Resp: 132053
Ion Ratio Lower Upper
330 100
332 98.6 0.0 0.0#
141 40.9 0.0 0.0#

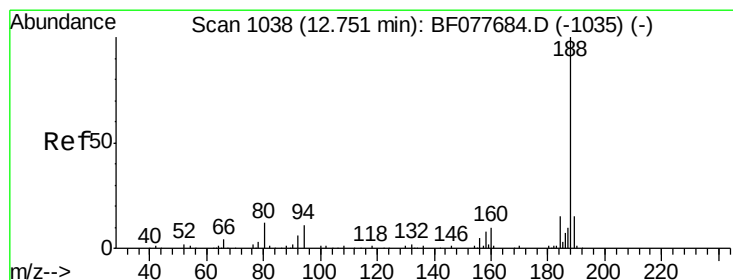
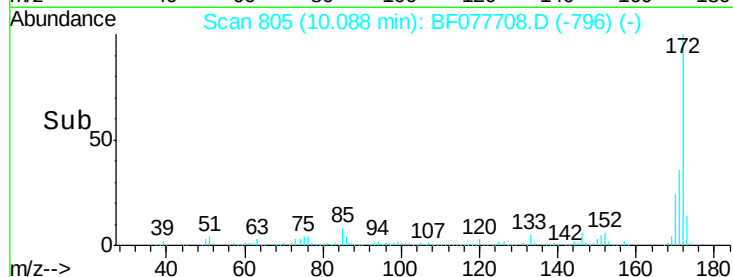
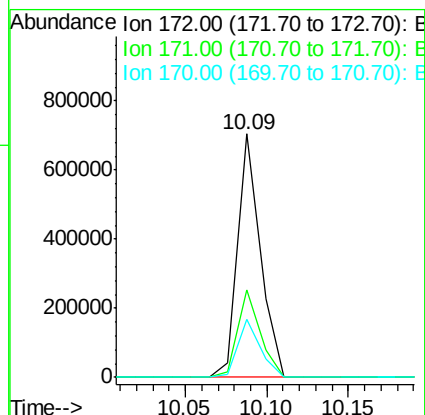
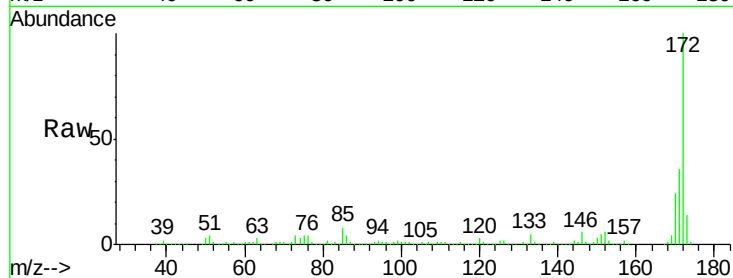




#44
 2-Fluorobiphenyl
 Concen: 86.32 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077708.D
 Acq: 12 Mar 2015 2:13

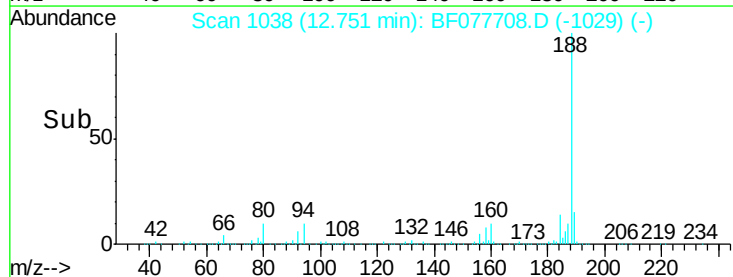
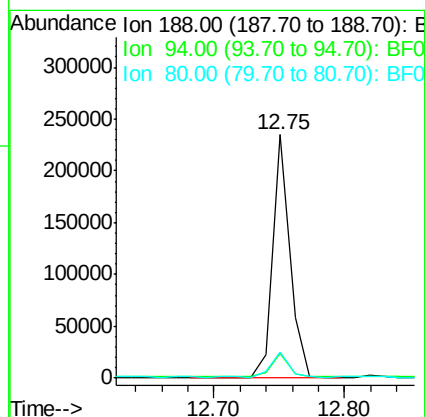
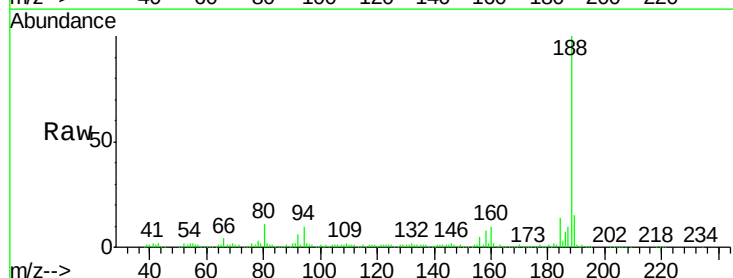
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

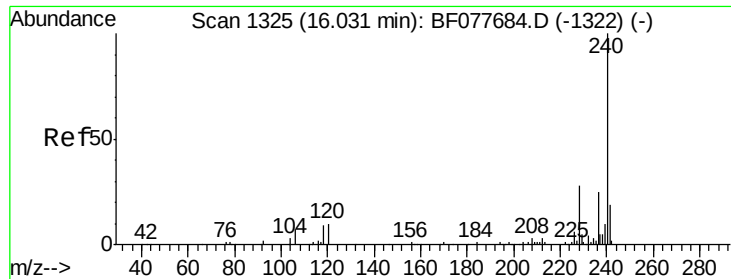
Tgt Ion:172 Resp: 671693
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.9 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF077708.D
 Acq: 12 Mar 2015 2:13

Tgt Ion:188 Resp: 219569
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.7 13.1
 80 10.9 9.3 13.9

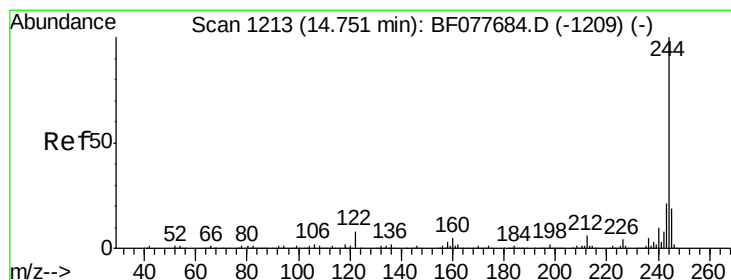
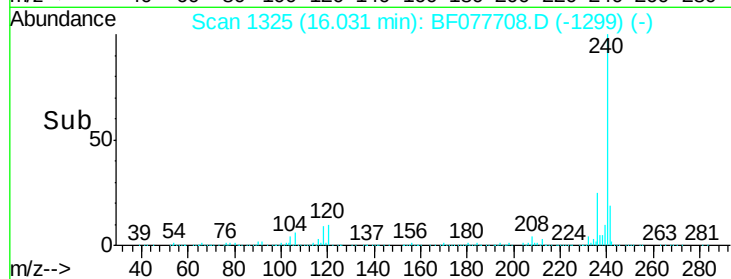
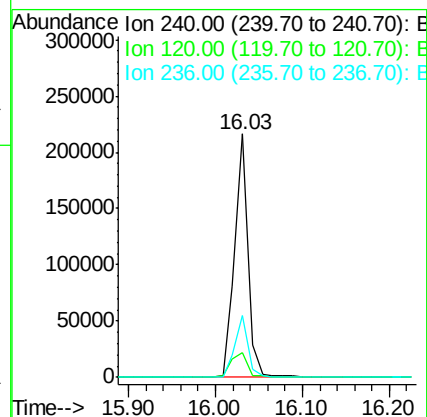
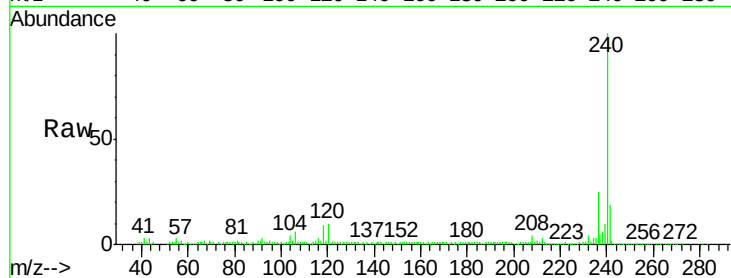




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077708.D
Acq: 12 Mar 2015 2:13

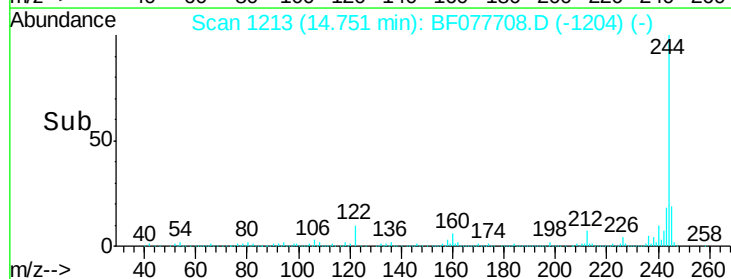
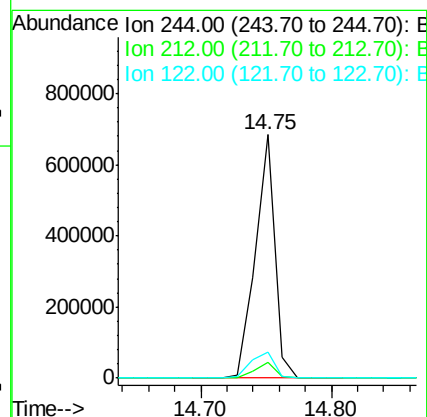
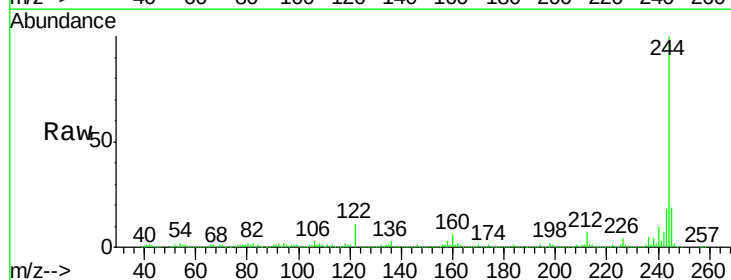
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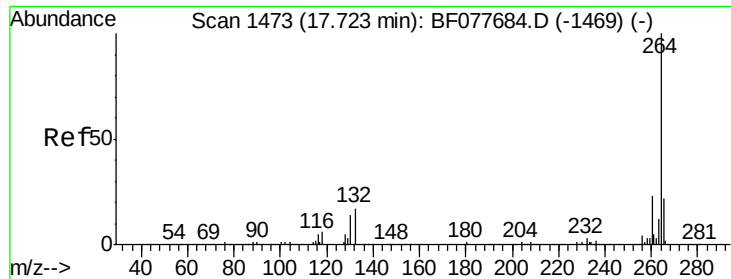
Tgt Ion:240 Resp: 227459
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 25.3 20.0 30.0



#78
Terphenyl-d14
Concen: 76.55 ng
RT: 14.75 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF077708.D
Acq: 12 Mar 2015 2:13

Tgt Ion:244 Resp: 712855
Ion Ratio Lower Upper
244 100
212 6.6 4.9 7.3
122 10.5 6.2 9.4#

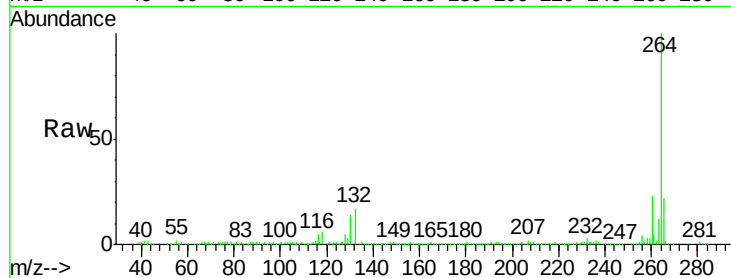




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1471
Delta R.T. -0.02 min
Lab File: BF077708.D
Acq: 12 Mar 2015 2:13

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.5	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

